A Report Prepared for:

Windy Hill Property Ventures
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PHASE I
ENVIRONMENTAL SITE ASSESSMENT
402 SOUTH DELAWARE STREET AND 524 EAST 4TH AVENUE
SAN MATEO, CALIFORNIA

SEPTEMBER 15, 2021

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1.0 INTRODUCTION

1.1 Purpose and Scope of Work

This report presents the results of a Phase I Environmental Site Assessment (ESA) for the property located at 402 South Delaware Street and 524 East 4th Avenue in San Mateo, California (the site or subject property). The site location is shown on Plate 1, and the subject property and vicinity are shown on Plate 2. PES Environmental, Inc., an NV5 Company (PES) performed the Phase I ESA on behalf of Windy Hill Property Ventures (WHPV) to compile and evaluate available information to assess for Recognized Environmental Conditions (RECs) associated with the site. PES understands that WHPV is evaluating acquisition of the subject property.

The ESA was performed pursuant to our proposal (Reference No. 1409.019.01.P01) dated August 19, 2021 and in general accordance with ASTM International guidelines for Phase I Environmental Site Assessments (ASTM E1527-13). These guidelines comply with the U.S. Environmental Protection Agency's All Appropriate Inquiries (AAI) rule adopted in November 2013. The following tasks were conducted during this ESA:

- Federal, State and local agency databases were reviewed to identify nearby sites that have reported the use, storage, or release of hazardous materials;
- Regulatory agency records regarding the site and adjacent properties were reviewed;
- Historical aerial photographs, Sanborn® Fire Insurance maps, and historical topographic maps of the site and surrounding area were evaluated, as available, to assess prior land uses;
- Historical documents concerning investigations performed at the subject property were reviewed;
- Individuals with knowledge of the site were interviewed;
- An inspection of the site and a reconnaissance of surrounding properties were performed to assess the potential for contamination of the site from onsite or offsite sources. The site inspection was conducted by an environmental professional with qualifying experience; and
- This report was prepared presenting the results of the Phase I ESA assessment.

A Recognized Environmental Condition, or REC, is defined in the ASTM International guidelines (ASTM E1527-13) as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. A controlled REC (CREC)

is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity/use limitations, institutional controls, or engineering controls). An historical REC (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

De minimis conditions are defined by ASTM as conditions that generally do not present a threat to human health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. A *de minimis* condition is not a REC and not a CREC.

1.2 Special Terms and Conditions

The ESA activities were conducted in general accordance with ASTM E1527-13. There are no other special terms or conditions for this report.

1.3 Limitations and Exceptions

This Phase I ESA was performed in accordance with practices and procedures generally accepted in the consulting environmental engineering profession at the time they were performed. The findings, opinions, conclusions, and recommendations expressed herein are applicable as of the date the services were provided. Our professional judgment to assess the potential for contamination is based on limited data; no warranty is given or implied.

The Phase I ESA was prepared at the request of WHPV and may be relied on only by WHPV. No other party may rely on this report without the express written permission of WHPV and PES.

PES was not provided information regarding the value or purchase price of the subject property, nor prices of comparable properties in the site vicinity. In accordance with ASTM E1527-13, an evaluation of the purchase price relative to those of comparable properties should be conducted by the user of this Phase I ESA, as applicable.

2.0 USER PROVIDED INFORMATION

2.1 Title Records

A Preliminary Title Report was provided to PES by WHPV. PES's review of the report did not indicate any liens, easements, or previous owners of environmental concern. A copy of the report is included in Appendix A.

2.2 Environmental Liens or Activity and Use Limitations

Information regarding environmental liens or activity or use limitations was not provided to PES for this ESA, and PES is not aware of any such liens or use limitations on the subject property.

2.3 Specialized Knowledge or Experience

PES does not possess any specialized knowledge or experience regarding the subject property. Also, as noted below, WHPV has reported to PES that it has no specialized environmental knowledge regarding the subject property.

2.4 User Questionnaire

As part of this Phase I ESA, a copy of a User Questionnaire, as recommended in ASTM E 1527-13, was submitted to Mr. Austin O'Such of WHPV. This questionnaire, completed by the party who will rely on the ESA, facilitates the transfer of known site information to the environmental professional and promotes qualification of the relying party for one of the *Landowner Liability Protections (LLPs)*[1] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"). A copy of the User Questionnaire is provided in Appendix A.

2.5 Commonly Known or Reasonably Ascertainable Information

Any commonly known or reasonably ascertainable information provided to PES during the preparation of this Phase I ESA is presented within this report.

2.6 Valuation Reduction for Environmental Issues

PES was not provided with information regarding valuation of the subject property for this ESA. WHPV reported that the purchase price reasonably reflects fair market value.

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[1] *Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund Liability in US EPA's Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide) issued on March 6, 2003.*

2.7 Owner, Property Manager, and Occupant Information

WHPV provided PES with current owner information. The property is owned by Linda B. Spady, Trustee of the Linda B. Spady Trust. The property is occupied by a Union 76 gas station with a retail convenience store and TNT Auto Repair.

2.8 Reason for Performing Phase I

The Phase I ESA was completed as part of evaluating a potential acquisition of the property.

3.0 SITE DESCRIPTION

3.1 Location and Description

The subject property consists of one legal parcel comprising approximately 0.45 acres bounded to the northeast by South Delaware Street, to the southeast and southwest by commercial buildings, and to the northwest by East 4th Avenue. The site has the addresses of 402 South Delaware Street and 524 East 4th Avenue and is described by San Mateo County Assessor's Parcel Number (APN) 034-186-110.

3.2 Site and Vicinity Characteristics

The site is developed with a gasoline service station currently operated by Union 76 and TNT Auto Repair. The site is accessed by two driveways from East 4th Avenue and two driveways from South Delaware Street.

The subject property is in an area developed with residential and commercial/retail buildings within the downtown area of San Mateo, San Mateo County, California. The subject property and adjacent areas are shown on Plate 2.

3.3 Physical Setting

According to the United States Geological Survey (USGS) *San Mateo, California* Quadrangle 7.5-minute series topographic map dated 2012, the site is situated at an elevation of approximately 22 feet above mean sea level. The site is flat, but the area in the general vicinity of the site slopes to the east-northeast. The nearest surface water body is San Mateo Creek, which is located approximately ¼-mile north of the site. San Francisco Bay is present approximately 1-mile east-northeast of the site.

3.4 Local Geology and Hydrogeology

Based on the results of investigations performed on the subject property (Antea, 2017), the site is underlain by silty/clayey sands and silty/clayey gravels interbedded with sandy silts and clays extending to the maximum depth explored of approximately 40 feet below ground surface (bgs). The subsurface materials are consistent with a typical alluvial fan.

Prior investigations identified the presence of two water-bearing zones beneath the site. However, subsequent monitoring of the 20 onsite wells indicated a single water-bearing zone beneath the site. During the last groundwater monitoring event performed at the site in August 2017, the depth to groundwater ranged from approximately 15 to 18 feet bgs. Groundwater flows predominately to the east.

3.5 Wetlands

As shown in the database report from EDR (Appendix B), there are no identified wetlands within the site vicinity.

3.6 Descriptions of Existing On-Site Structures and Improvements

3.6.1 Structures and Current Use

The subject property is currently developed with a service building occupied by a small retail store operated by Union 76 and two service bays used by TNT Auto Repair. The Union 76 service station also consists of five dispenser islands, two 12,000-gallon gasoline underground storage tanks (USTs), and one approximately 550-gallon waste oil UST.

3.6.2 Other Improvements

Electricity and natural gas are supplied by Pacific Gas & Electric (PG&E). Water service is provided by California Water Service (Cal Water), and sewer service is provided by the San Mateo Department of Public Works (SMDPW).

3.7 Current Uses of Adjoining Properties

A reconnaissance of the surrounding area was performed to assess whether neighboring sites represent a potential environmental condition that could affect the subject site. The current uses of the adjoining properties, as observed during the reconnaissance, are summarized below.

Properties to the North

The subject property is bounded to the north by the intersection of South Delaware Street and East 4th Avenue and beyond by a Gas & Shop service station.

Properties to the Northeast

The subject property is bounded to the northeast by South Delaware Street and beyond by a Jiffy Lube oil change specialty shop and a two-story apartment building and associated parking lot.

Properties to the East

The subject property is bounded to the east by a building occupied by Safari Kid preschool and daycare and beyond by the intersection of East 5th Avenue and South Delaware Street.

Properties to the South

The subject property is bounded to the south by an outdoor playground and asphalt parking lot associated with Safari Kid preschool, a residence, and a residence and small rectangular building occupied by the San Mateo Japanese-American Community Center. Farther south is the intersection of South Claremont Street and East 5th Avenue.

Properties to the West

The subject property is bounded to the west by a Taco Bell restaurant and associated asphalt parking lot and beyond by the intersection of South Claremont Street and East 4th Avenue.

Properties to the Northwest

The subject property is bounded to the northwest by East 4th Avenue and beyond by AMA Tires (an automotive wheel and shop) and a retail building occupied by Western Union, Boost mobile, Glamorous Looks Salon, La Pinata market, and Las Cazuelas Taqueria.

3.8 Past Uses of Property and Adjoining Properties

Historical site use information was obtained through a review of aerial photographs, historical topographic maps, historical Sanborn® Fire Insurance Maps, city directories, and regulatory agency file reviews.

3.8.1 Historical Sources

Site use information was obtained through a review of the following list of historical sources. The results of review of these sources are summarized below.

- **Aerial Photographs:** Aerial photographs obtained from the EDR database report were reviewed for the following years: 1943, 1946, 1956, 1963, 1968, 1974, 1982, 1993, 1998, 2005, 2009, 2012, and 2016. PES's summary and copies of the photographs are presented in Appendix C;

- **Sanborn® Fire Insurance Maps:** Sanborn® Fire Insurance Maps obtained from the EDR database report were reviewed for the following years: 1888, 1891, 1897, 1901, 1908, 1920, 1950, 1953, 1956, 1961, and 1969. PES's summary and copies of the Sanborn® Fire Insurance Maps are provided in Appendix D;

- **Topographic Maps:** Various topographic maps of the subject property vicinity were compiled by EDR. The following maps were included in the compilation: USGS *San Mateo, CA* Quadrangle 15-minute series topographic maps produced in 1896, 1899, 1915, and 1939; and USGS *San Mateo, CA* Quadrangle 7.5-minute series topographic maps produced in 1947, 1949, 1956, 1968, 1973, 1980, 1993, 1997, and 2012. PES's summary and copies of the topographic maps are presented in Appendix E;

- **City Directories:** A search for available city directories was performed by EDR. Directories from 1956 to 2017 were searched in approximately 5-year intervals. PES's summary and copies of the city directory listings are presented in Appendix F;

- **Previous Environmental Repots:** Historical information from a previous environmental report is included in the summary below. The report is discussed in Section 4.0;

- **San Mateo Building Department (SMBD):** PES reviewed SMBD records provided by SMBD. Pertinent information is included in the summary below; and

- **Regulatory Agencies Review:** PES reviewed historical files concerning the site obtained from San Mateo County Environmental Health (SMCEH). SMCEH records are discussed further in Section 5.2.1.

3.8.2 Historical Review Summary

The following provides historical use information for the subject property and vicinity based on available historical resources listed in the previous sections.

Subject Property

The earliest historical source for the subject property (an 1888 Sanborn Map) shows the site occupied by residences and associated outbuildings. The site remained in residential use until at least the early 1960s. The currently-existing building was constructed in 1966 for use as a gas station (American Oil). The site has remained in use as a gas station since that time. Operators of the gas station have included American Oil, Chevron, ConocoPhillips and Union 76. A portion of the building has been used as an auto repair facility, likely since construction of the building. Previous environmental investigations performed at the site [associated with leaking underground storage tanks (USTs)] are discussed further in Section 4.0.

Based on the age of historical residences and structures at the site, it is likely that lead-containing paint was used and asbestos-containing materials were present. Lead may have been introduced into the soil via flaking and/or prior demolition activities. Asbestos may also be present in soil as a result of prior demolition activities.

Subject Property Vicinity

The earliest historical source for the subject property (an 1888 Sanborn Map) shows the site vicinity developed primarily with residences with several vacant lots. Commercial development began in the early 1900s. Businesses originally in the site vicinity included a PG&E substation, lumber/planning mill, and lumber yard. Beginning in the 1950s, several gas stations and dry cleaners were present in the site vicinity. A Union Oil gas station operated immediately west (current Taco Bell location) of the subject property until apparently replaced by the gas station on the subject property. Gas stations were present farther northwest, north, and northeast of the site. Dry cleaners were present further to the southwest (Wardrobe Cleaners) and to the northwest.

3.8.3 Interviews

PES interviewed Mr. Dung Tran, owner of the Union 76 gasoline service station, on September 1, 2021. He stated that he leases the two service bays and there are two 12,000-gallon gasoline USTs and an approximately 550-gallon waste oil UST that is actively used by the auto repair business.

4.0 PREVIOUS ENVIRONMENTAL SITE INVESTIGATIONS

PES reviewed reports of investigation performed on the subject property beginning in 1992. The reports were provided by SMCEH. PES's review of the reports is summarized below. Copies of the reports are included in Appendix G.

4.1 UST and Oil/Water Separator Removal

Due to the failure of a tank integrity test in June 1992, two 12,000-gallon gasoline USTs and associated piping and one 550-gallon waste oil UST were removed from the site by Kaprealian Engineering, Inc. (KEI). A crack was observed in one of the gasoline USTs reportedly caused by subsurface drilling, and two holes were reported in the waste oil UST. Approximately 800 cubic yards (cy) of soil was overexcavated from the UST cavity and disposed offsite, and approximately 5,800 gallons of groundwater was pumped from the excavation. Soil samples collected during the removal activities contained petroleum hydrocarbon concentrations as high as 5,000 milligrams per kilogram (mg/kg) total petroleum hydrocarbons quantified as gasoline (TPHg) and 47 mg/kg benzene (KEI, 1992).

The USTs were replaced with the currently-existing two 12,000-gallon gasoline USTs and one approximately 550-gallon waste oil UST.

In January 1996, a 150-gallon oil/water separator was removed from the site, but not replaced (GSI, 1996). No significant contaminant concentrations were detected in a soil sample collected from approximately 4.5 bgs beneath the separator.

4.2 1994 – 2017 Subsurface Investigations

Subsurface investigations began in 1994. During the period from 1996 to 2012, 20 soil boring were advanced to depths up to 32 feet bgs. Between 1994 and 2015, 26 groundwater monitoring wells were installed in the two water-bearing zones identified at the site (subsequently identified as a single water-bearing zone). The wells were monitored quarterly to semi-annually until the final monitoring event in August 2017. In 2006, three vapor monitoring points were installed on the subject property, and in 2013, four vapor monitoring points were installed offsite.

Nature and Extent of Contamination

Groundwater

The most recent groundwater sampling event (2017) indicated the maximum estimated extent of gasoline range organics (GRO) and benzene were approximately 350 feet and 245 feet, respectively, east of the former UST excavation (Antea, 2018). In the August 2017 groundwater monitoring event, GRO, benzene, and naphthalene were detected as high as 42,000 micrograms per liter (μg/L), 620 μg/L, and 730 μg/L, respectively. The detections were in the monitoring well located closest to the former UST excavation (well MW-6). Methyl tertiary butyl ether (MTBE) was only detected in well MW-18 at 99 μg/L, located near the east site boundary.

From 2007 through 2014, groundwater samples were additionally analyzed for volatile organic compounds (VOCs), including tetrachloroethene (PCE) and trichloroethene (TCE). During this period, the highest PCE and TCE concentrations detected onsite were in well MW-7, located near the southern property boundary, and well MW-13B, a deep well located near the former UST excavation. In well MW-7, PCE and TCE were detected as high as 172 and 12.5 μg/L, respectively, and in well MW-13B, PCE and TCE were detected as high as 460 and 42.6 μg/L, respectively, both in March 2010.

Soil

Soil samples were collected at the site between 1994 and 2013. In samples collected in the interval between 0 and 10 feet bgs, benzene was detected in only two samples at a concentration of 0.012 mg/kg in both samples. This concentration is below both 2012 California State Water Resources Control Board (SWRCB) Low Threat Underground Storage

Tank Closure Policy, Resolution No. 2012-0016 (LTCP) maximum allowable concentrations for the commercial/industrial and utility workers scenarios and the current 2019 Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs; RWQCB, 2019). Petroleum hydrocarbons and associated contaminants were detected in deeper samples collected from the capillary fringe or saturated zones, and were not considered a vapor intrusion concern.

Soil Vapor

In December 2006, Secor International Inc. (Secor) installed three soil vapor probes south and north of the former UST excavation, and a subslab vapor probe in the southeast corner of the station building (Secor, 2007). Samples were collected from the vapor probes in January and February 2007 and from the subslab vapor probe in January 2007 when analytes included total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethylbenzene, xylenes (BTEX), MTBE, and fuel oxygenates. No significant concentrations were detected in the soil vapor probes or subslab probe. The soil vapor probes were again sampled in August 2013 and January 2014 at the request of SMCEH, and analytes additionally included naphthalene and PCE. PCE was detected in one vapor probe at 19 micrograms per cubic meter ($\mu g/m^3$), which is slightly above the 2019 RWQCB Tier 1 ESL of 15 $\mu g/m^3$.

In August 2013, Antea installed a total of four subslab vapor points at offsite locations: (1) two at 521 East 5th Avenue, a vacant office building (currently Safari Kids) located adjoining the southeastern site boundary; and (2) two at 603 East 5th Avenue, an apartment building located east-northeast (downgradient) of the site (Antea, 2014a). Soil vapor samples were collected in August 2013 and February 2014 and analyzed for GRO, BTEX, MTBE, fuel oxygenates, naphthalene, and PCE. PCE was detected in both sampling points in the vacant office building at concentrations as high as 2,100 and 2,200 $\mu g/m^3$. Naphthalene was not detected above the Tier 1 ESL; however, the detection limit was above the Tier 1 ESL in several samples.

As discussed in Section 4.4 below, SMCEH has acknowledged that the subject property is not the source of the PCE detected in groundwater or soil gas at the subject property and in the site vicinity.

4.3 2014 PCE Source Evaluation

In 2006, a review of chromatographs of groundwater analyses for GRO resulted in the identification of PCE and associated degradation products. Subsequent groundwater monitoring which included analysis for VOCs identified PCE and associated degradation products in groundwater monitoring wells on the subject property and offsite. Because a low level of PCE was detected in a soil sample collected during the 1992 waste oil UST removal, additional soil, groundwater, and soil vapor investigations were performed to evaluate the source of the PCE (Stantec, 2008). In general, the only soil samples with detectable concentrations of PCE and associated degradation products were collected from the saturated

zone. Groundwater samples collected from wells upgradient (southwest and southeast) of the former UST excavation were found to contain PCE and associated degradation products, but no petroleum hydrocarbon contaminants. PCE was detected in one onsite vapor probe at 19 $\mu g/m^3$, but was detected in offsite subslab probes (located downgradient) at concentrations as high as 2,200 $\mu g/m^3$.

As discussed above in Section 4.2, groundwater monitoring included VOC analyses from 2007 to 2014. During this period, the highest concentrations detected onsite were in Well MW-7, located near the southern property boundary, and Well MW-13B, a deep well located near the former UST excavation.

Consequently, Antea performed a source evaluation to identify potential sources of the PCE which had been detected in soil, groundwater, and soil vapor during the site investigations (Antea, 2014b).

Antea identified several potential upgradient sources of the PCE contamination based on web-based searches and review of Sanborn maps and regulatory records. Antea identified the following potential sources:

- Wardrobe Cleaners, 333 and 335 East 4th Avenue – 560 feet west-southwest of the site;
- Family Cleaners, 412 East 3rd Avenue – 550 feet west-northwest of the site;
- R NU IT, 200 East 2nd Avenue – 1,300 feet west of the site;
- San Mateo Cleaners, 507 South B Street – 850 feet south-southwest of the site; and
- Blue Ribbon Cleaners, 306 East 5th Street – 800 feet south-southwest of the site.

Antea believed that Wardrobe Cleaners was the most likely source of PCE contamination identified at the subject property, and noted that a sewer line which traveled in front of the cleaners made a 90 degree turn to the northeast, traveling up East 5th Avenue.

In a letter dated October 29, 2014, SMCEH noted that it was likely that the PCE contamination originated from Wardrobe Cleaners, and SMCEH would not require the subject property to perform additional investigation of the PCE release (SMCEH, 2014).

Investigations performed at Wardrobe Cleaners and Family Cleaners are discussed in Section 5.2.2. PES did not identify any regulatory records concerning investigations performed at the other dry cleaners identified by Antea.

4.4 2017 – 2019 Site Closure Activities

In August 2017, Antea submitted a closure request for the subject property to SMCEH (Antea, 2017). Antea reported that the site met the criteria for the LTCP, specifically:

- The site vicinity is serviced by a public water supply, and the groundwater beneath the site could not be considered to have beneficial use due to the presence of PCE in groundwater from an upgradient source;
- The unauthorized release consisted only of petroleum hydrocarbons;
- The unauthorized release has been stopped;
- Free product was removed from the UST excavation, and no free product has been detected in any borings or monitoring wells associated with the site;
- The nature and extent of contamination has been described;
- Approximately 900 cy of soil was removed from the site and approximately 5,800 gallons of groundwater and product were pumped from the UST excavation;
- Soil and groundwater was analyzed for MTBE;
- A nuisance does not exist at the site;
- Petroleum hydrocarbon concentrations have shown a decreasing trend, and the lateral extent of GRO and benzene is limited to approximately 350 feet and 245 feet, respectively. Additionally, benzene and MTBE concentrations are below LTCP thresholds;
- Because the site is a petroleum fueling facility, petroleum vapor intrusion to indoor air concerns do not apply; and
- A statistical analysis of subsurface soil sample data indicates it is unlikely that benzene, ethylbenzene, or naphthalene would be encountered above LTCP threshold criteria.

In June 2019, Antea destroyed 13 monitoring wells by overdrilling, six wells by pressure-grouting, three vapor probes by air-knifing, and three subslab vapor monitoring points by probe removal (Antea, 2017). However, based on well construction details, the volume of grout added to well MW-4 was 41.6 percent less than the calculated grout volume. This was above the acceptable grout deviation limit and would typically require over-drilling destruction. Because an active sewer lateral was identified immediately adjacent to the well, over-drilling was not possible. Antea believed the well had limited potential as a preferential pathway because no obstructions were encountered in the well and because of the pressure grouting that was accomplished, and recommended that the well be considered destroyed. The two subslab vapor points installed in a commercial building at 521 East 5th Avenue were subsequently

covered with a self-leveling floor patch, vapor barrier, and glued vinyl planks during remodeling activities. Antea recommended that these probes be considered destroyed because they did not provide a preferential pathway as the building had been sealed, preventing subsurface vapor intrusion. In a letter dated November 4, 2019, SMCEH concurred with not over-drilling well MW-4 and they would not require removal of the probes because the subject property was determined to not be responsible for the PCE detected in those probes (SMCEH, 2019a).

SMCEH issued case closure for the site in a letter dated November 4, 2019 (SMCEH, 2019b). In a case closure summary included with the closure letter (SMCEH, 2018), SMCEH noted that hydrocarbon-affected soil and groundwater remain east and southeast of the fuel USTs and beneath South Delaware Street. In a letter to the City of San Mateo Community Development Department, SMCEH reported that the hydrocarbon-affected soil and groundwater remaining in place did not pose a significant threat to public health or the environment under existing land use. However, SMCEH is to be notified of any change in land use or planned removal of soil or groundwater from the area so the SMCEH could evaluate whether additional actions would be necessary to protect public health and the environment (SMCEH, 2019c).

5.0 ENVIRONMENTAL AGENCY DATABASES AND RECORDS REVIEW

5.1 Environmental Liens

Based on a review of an environmental database search conducted by EDR, there are no Federal Superfund (National Priority List [NPL]) liens or State environmental deed restrictions associated with the subject property. No information indicating the presence of environmental liens on the subject property was provided by WHPV.

5.2 Standard Environmental Record Sources

The discussion presented in this section is based on available information provided by environmental agencies and databases. An EDR database report dated August 20, 2021, contains listings of sites that are located within a 1-mile radius which were selected in accordance with the ASTM E1527-13 standard. This information is obtained from computerized databases of Federal, State, and local environmental records. The database report, which includes descriptions of the listings, is provided in Appendix B.

The following regulatory agency databases were searched and reported in the EDR report:

- U.S. Environmental Protection Agency (U.S. EPA) – Comprehensive Environmental Response Compensation, and Liability Information System (CERCLIS);
- U.S. EPA – CERCLA NPL;
- U.S. EPA – CERCLA Proposed NPL;

- U.S. EPA – Superfund (CERCLA) Consent Decrees (CONSENT);
- U.S. EPA – CERCLA Records of Decision (ROD);
- U.S. EPA – CERCLA NPL Deletions;
- U.S. EPA – CERCLA No Further Remedial Action Planned Site (CERC-NFRAP);
- U.S. EPA – Facility Index System (FINDS);
- U.S. EPA – Emergency Response Notification System (ERNS);
- U.S. EPA – Hazardous Materials Information Reporting System (HMIRS);
- U.S. EPA – Material Licensing Tracking System (MLTS);
- U.S. EPA – Mines Master Tracking Index File (MINES);
- U.S. EPA – Federal Superfund Liens (NPL Liens);
- U.S. EPA – PCB Activity Database System (PADS);
- U.S. EPA – RCRA Administrative Action Tracking System (RAATS);
- U.S. EPA – Section 7 Tracking Systems (SSTS);
- U.S. EPA – Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA)/Toxic Substance Control Act (TSCA) Tracking System (FTTS);
- U.S. EPA – Resource Conservation and Recovery Information System (RCRAInfo), Treatment, Storage, or Disposal (TSD) facilities, and Small Quantity and Large Quantity Generators (SQG and LQG) of hazardous waste;
- U.S. EPA RCRA Corrective Action Report (CORRACTS);
- U.S. EPA - Toxic Chemical Release Inventory System (TRIS);
- California State Water Resources Control Board (SWRCB) – Leaking Underground Storage Tank Listing (LUST) sites including Indian Land;
- SWRCB –Above-ground Storage Tank (AST) sites;
- SWRCB – Registered underground storage tank (UST) sites;
- SWRCB – Solid Waste Facilities (SWF/LF);
- CalEPA - California Environmental Reporting System Regulated Site Portal (CERS);

- CalEPA – CERS Hazardous Waste Generator (CERS HAZ WASTE);
- CalEPA – CERS AST and UST sites (CERS TANKS);
- Department of Toxic Substances Control (DTSC) – Voluntary Cleanup Program (VCP); and
- Department of Toxic Substances Control (DTSC) – Hazardous Waste Tracking System (HWTS).

The following California Environmental Protection Agency (CalEPA) websites were also searched for environmental records related to the subject property:

- SWRCB's GeoTracker website located at http://geotracker.swrcb.ca.gov/; and
- DTSC's EnviroStor website located at http://www.envirostor.dtsc.ca.gov/public/default.asp.
- Additionally, PES requested records for the subject property from SMCEH. Regulatory records concerning previous investigations at the subject property are discussed in Section 4.0.

5.2.1 Subject Property Records

Database Listings

Unocal 76 station, **402 South Delaware Street**, is listed on the LUST, UST, RCRA NonGen, CERS, CERS Tanks, CERS Haz Waste, and San Mateo County Business Inventory (BI) databases. The LUST database lists the site as having received regulatory closure on November 4, 2019 (see Section 4.0). The RCRA NonGen database includes a 2019 listing indicating the business does not generate RCRA wastes. The UST, CERS Tanks, CERS Haz Waste, and San Mateo County BI database listings correspond to current use of the site as a Union 76 gas station. The CERS database lists violations noted during SMCEH inspections performed at the Union 76 station as summarized below:

- October 2018: Failure to comply with overfill prevention equipment requirements. Inspector noted that there was no secondary containment on vent, vapor recovery, or fill components, and no overfill device was installed with the waste oil UST. The facility returned to compliance on August 27, 2019;
- March 2019: Float and chain assemblies failed on first test. Following adjustment and re-test, assemblies passed. Minor leak observed which was repaired the following day. Failure to maintain adequate spill container and failure to perform applicable testing. The facility returned to compliance in August 2019;

- July 2019: Incomplete UST permit information. The facility returned to compliance in August 2019;
- December 2019: Failure to maintain secondary containment; leaks were detected in product line and fittings. The facility returned to compliance in April 2020;
- January 2020: Administrative review of UST Secondary Containment Testing Report noted failures for which technician recommended repairs. In February, facility reported that they were preparing permit application for the repairs;
- February 2020: One dispenser float and chain did not function during first test. Adjustments were made, re-test was performed, and passed;
- April 2020: No failures observed during testing; and
- February 2021: Dispenser float and chain did not function during first test. Adjustments were made, re-test was performed, and passed. Inspector noted this was a repeat violation from 2019 and 2020 and suggested using a stand-alone sensor. Failure to property label hazardous waste accumulation containers.

TNT Auto Repair, 402 Delaware Street, is listed on the RCRA NonGen and San Mateo County BI databases. The RCRA NonGen database includes a 2018 listing indicating the business does not generate RCRA wastes. The San Mateo County BI database lists the facility in the Business Plan and Hazardous Waste Programs.

United Pacific #2201 and Apro LLC dba United Pacific 2201, 402 Delaware Street, is listed on the RCRA NonGen and San Mateo County BI databases. The RCRA NonGen database includes a 2019 listing indicating the business does not generate RCRA wastes. The San Mateo County BI database lists the facility in the Underground Tank, Business Plan, and Hazardous Waste Programs.

76 Mart, 402 Delaware Street, is listed on the San Mateo County BI database, which lists the facility in the Stormwater Program.

AT Auto Care, 402 S. Delaware Street, is listed on the RCRA NonGen database. The RCRA NonGen database includes a 2014 listing indicating the business does not generate RCRA wastes.

Robert Reed, 402 South Delaware Street, is listed on EDR's Historical Automotive database, which is based on a search of City Directories. The database lists gas stations under various names at the subject property address beginning in 1969.

There were no listings for any businesses at 524 East 4th Avenue.

SMCEH Records

SMCEH records concerning previous investigations and remediations associated with the Union 76 LUST case are discussed in Section 4.0. Other SMCEH records for the subject property primarily included inspection reports and summaries and permits. Noteworthy record information obtained in the SMCEH records included the following:

- January 2002: An SMCEH inspector noted that the auto repair facility had closed as of December 2000, and was expected to reopen in the summer of 2002;
- August 2002: Eight sumps failed testing. Sumps passed after repair and retesting;
- April 2003: An SMCEH inspector listed auto repair facility generation of approximately 60 to 70 gallons of waste oil per month, 55 gallons of waste antifreeze every 4 to 8 months, and 8 to 12 gallons of Safety Kleen solvent every 3 months;
- December 2004: An SMCEH inspector noted that a leaking roof was flooding the auto repair facility floor, creating the potential that oily wastes could enter the storm drain. Repair was requested;
- July 2005: A Notice of Violation (NOV) was issued for unlabeled drums. The SMCEH inspector noted that there was a new owner of the auto repair facility as of January 2005;
- July 2008: An SMCEH inspector listed auto repair facility generation of approximately 300 gallons of waste oil every two months, one drum of oil filters per year, 3 drums of antifreeze annually, and sump water disposed as needed. The inspector noted that the storage shed door should be labeled;
- June 2009: An SMCEH inspector noted that wastes generated by the auto repair facility included waste oil, waste antifreeze, and oil filters. No spills were noted;
- April 2011: An SMCEH inspector observed carburetor cleaner spilled inside the equipment storage shed. The spill was cleaned during the inspection (copy provided in Appendix H);
- April 2012: An SMCEH inspector noted that AT Auto Care was a new business at the site as of 2010 and had not yet prepared a Hazardous Material Business Plan (HMBP). The inspector reported that generated wastes included oil, oil filters, antifreeze, batteries, oily wastewater, and oil absorbent;
- April 2014: Violations observed at AT Auto Care included failure to dispose of hazardous wastes within 90 days, opened hazardous waste containers, and unlabeled drums;

- March 2015: SMCEH reported that secondary containment test failures from 2010 had not yet been addressed;
- November 2015: SMCEH inspected repairs made after secondary containment test failures;
- April 2016: Violations observed during an inspection at AT Auto Care included unlabeled waste and unavailable waste manifests;
- April 2018: Violations observed during an inspection at AT Auto Care included unlabeled waste and unavailable waste manifests;
- June 2018: AT Auto Care was in the process of closure activities. TNT Auto Repair started business June 25, 2018, and assumed responsibility for hazardous wastes left by AT Auto Care. The SMCEH inspector did not note any evidence of spills;
- June 2020: A SMCEH inspector noted that TNT Auto Repair had unlabeled and open waste containers; and
- Hazardous Material Inventories for the site list two 12,000-gallon gasoline USTs, a 550-gallon waste oil UST, 100 gallons of motor oil, 60 gallons of propane, 10 lead acid batteries, waste oil filters, and 55 gallons of waste antifreeze.

5.2.2 Surrounding Area

Several facilities listed on various environmental databases are in the area surrounding the subject property, as discussed below.

Dry Cleaners

As a result of the identification of PCE at the subject property (see Section 4.0), SMCEH requested that several existing and former dry cleaning facilities perform voluntary subsurface investigations, including Wardrobe Cleaners at 335 East 4th Avenue; Family Cleaners at 412 East 3rd Avenue; Quality Cleaners at 508 East 3rd Avenue; and A1 Cleaners at 174 East 4th Avenue. Quality Cleaners and Wardrobe Cleaners are the only facilities that performed site investigations. Family Cleaners reported that they were a drop off facility only and did not perform dry cleaning onsite.

Wardrobe Cleaners, 335 East 4th Avenue is located approximately 560 feet east-southeast and potentially up-gradient from the subject property and is listed on the LUST, EMI, SLIC, CERS, and San Mateo County Business Inventory databases. The LUST and SLIC databases list the facility as an open case. Wardrobe Cleaners has operated at this and/or an adjacent location since at least 1954. In 2016, in response to the SMCEH request discussed above, CSS Environmental Services (CSS) performed soil and groundwater sampling at Wardrobe Cleaners (CSS, 2016). The investigation included advancing two borings along

East 4th Avenue in the to approximately 30 feet bgs, collecting a soil sample from approximately 25 feet bgs and a grab groundwater sample from each boring. The collected samples were analyzed for the presence of VOCs and GRO. PCE was detected in the grab groundwater samples at 5 and 6.6 µg/L, and TCE was detected at 39 and 4.1 µg/L. PCE and TCE were detected at 69 and 19 micrograms per kilogram (µg/kg), respectively, in one of the soil samples. GRO was also detected in the soil samples at 7,300 and 2,000 µg/kg. CSS concluded that because the concentrations of PCE detected in groundwater near the Wardrobe Cleaners facility were lower than those detected at the downgradient Union 76 station, Wardrobe Cleaners was not the source of PCE. Additionally, CSS concluded that petroleum hydrocarbons detected in groundwater were from an upgradient source. CSS has prepared a workplan for additional investigations to be performed at the facility, including evaluating the vertical extent of VOCs in soil, collecting grab groundwater samples for analysis of VOCs, and performing a sub-slab soil vapor survey (CSS, 2019). The investigation was scheduled to be performed in early 2021, but there is no regulatory record of the investigation being performed.

Former Quality Cleaners, 508 East Third Avenue, located approximately 500 feet northwest of the subject property, performed a subsurface investigation at the former drycleaners site in March 2017 (Wheeler Group, 2017). The investigation included advancing three borings to a depth of approximately 20 feet bgs, collection of three to four soil samples from each boring for a total of 10 samples, and collection of a grab groundwater sample from one boring. PCE was detected in nine of the ten samples at concentrations ranging from 36.7 to 713 µg/kg. The highest concentration, which is above the RWQCB Tier 1 ESL of 420 µg/kg, was detected in a sample collected from approximately 1-foot bgs inside the former dry cleaning facility near the former dry cleaning unit (DCU). PCE and TCE were detected at 100 and 13 µg/L, respectively, in the grab groundwater sample; both concentrations are above their respective Tier 1 ESLs. Wheeler Group noted that because the elevated PCE concentration detected in groundwater was cross-gradient from the former DCU, an offsite source was present. SMCEH indicated that although the results of the investigation indicated a probable PCE release at the site, the results were inconclusive as to whether the former facility was the source of the contamination identified at the Unocal station (SMCEH, 2017). SMCEH recommended further investigation of the sewer lateral as a potential release point at the facility. No further investigations have been performed at the facility.

Kasbari Edman, 412 East Third Avenue, located approximately 500 feet northwest of the subject property, is listed on EDR's proprietary Historical Cleaners database. The address is the location of the current Family Cleaners, a drop off/pick up location. The building has reportedly been occupied by a cleaners since the 1970s. The listing is based on the business name in city directories, and not on known chemical use. SMCEH has no record of hazardous material use at the site. In an email dated June 21, 2017, Mr. Dino Antonazzi, son of the property owner since the 1950s, indicated that dry cleaning had never been performed on the property; cleaners in the building were only drop-off/pick-up locations. The email was a response to an SMCEH request for a voluntary subsurface investigation as a result of dry-cleaning solvent detected in groundwater in the site vicinity. SMBD records contain a

1994 permit application for installation of a "cleaning unit" at the facility, and a subsequent request from SMBD for information concerning chemical use in the "cleaning unit". SMBD records did not include a response to the request for the information, or any indication that the unit was actually installed.

As discussed in Section 4.0, PCE and associated VOCs have been identified in groundwater and soil gas at the subject property and in the site vicinity. A localized PCE plume is present in the site vicinity. Wardrobe Cleaners has been suggested as a potential source of the contaminants.

Service Stations

Union Oil, 500 East 4th Avenue, previously operated at the property immediately west of the subject property from approximately the 1950s to 1960s. No information was available concerning removal of the USTs from the facility, or any subsurface investigations.

Several other sites in the subject site vicinity are listed on hazardous materials release and storage databases. In general, these sites are not expected to present significant environmental conditions to the subject property based on one or more of the following: (1) the listed site has received case closure by the appropriate regulatory agency; (2) the listed site is either cross gradient or down gradient of the subject property with respect to the inferred regional groundwater flow direction; (3) the listed site is a soils-only affected case; and/or (4) the listed site is located at too great a distance to represent a significant environmental condition with respect to the subject property.

6.0 SITE INSPECTION

Inspection of the subject property was conducted by Ms. Kiersten Hoey of PES on September 1, 2021. The subject property is developed with a building containing a small retail store operated by Union 76, two service bays used by TNT Auto Repair, and a restroom. Site photographs are provided on Plates 3 through 9. PES's observations are summarized below.

Interior Observations

The building includes a small convenience store operated by Union 76, a restroom, storage area, and two service bays. One service bay contains an aboveground smog check dynamometer and lift, and the second service bay contains an aboveground hydraulic hoist and what appears to be an older, unused belowground hoist. Various auto repair tools and equipment, a waste oil receiver, Accu-turn tire changer and brake lathe, metal bin of oily rags, two 55-gallon drums of new motor oil (with no secondary containment), 1-quart containers of transmission fluid, 5-quart containers of motor oil, and 1-quart containers and aerosol cans of other various automobile fluids were observed in the area of the service bays. Staining was observed on the chipped concrete floor which appeared to be from oil drips and possible minor spills that occurred during auto repair activities.

Exterior Observations

In addition to the service building, the subject property consists of two 12,000-gallon gasoline USTs, one approximately 550-gallon waste oil UST, two canopies over five dispensers, asphalt-paved parking, and landscaped areas. Vehicle access to the site is provided by two driveways on East 4th Avenue and two on South Delaware Street. The exterior walls of the building appeared in fair condition. In addition to the USTs, hazardous material storage was observed on the southwest exterior side of the building, including four 55-gallon drums of used oil filters, waste anti-freeze, waste liquids (gasoline/water mixture), and waste solids (oily rags). The drums were not located on secondary containment and some staining was observed on the asphalt in the vicinity of the drums. An empty intermediate bulk container (IBC) tote was also located on the southwest exterior side of the building; the former contents are unknown.

Car detailing work is performed along the southeastern exterior wall of the subject building. An air compressor, a flammable cabinet with car detailing equipment and 1-gallon containers and aerosol cans of car detailing fluids are also located along the southeastern exterior wall. Staining was observed on the ground of the car detailing area as well.

Refuse and recycle rollaway bins, a green clothing donation bin, and rubbish including used chairs and automobile parts were observed in the southern portion of the subject property. Oil staining was observed on the ground throughout the subject property. Evidence of former soil borings were also observed throughout the subject property.

6.1 Undeveloped Area

There are no undeveloped areas on the site.

6.2 Chemical Use and Storage

As discussed above, two 55-gallon steel drums of motor oil (with no secondary containment) and 5-quart, 1-quart, and aerosol cans of automobile fluids are stored in the service station for use during smog checks and oil changes.

6.3 Underground and Aboveground Storage Tanks

Two 12,000-gallon gasoline and one approximately 550-gallon waste oil UST are located on the subject property. Other USTs were historically present at the site, as discussed in Section 4.0 above. No ASTs were observed during the site inspection.

6.4 Generators

No back-up generators were observed at the subject property.

6.5 Elevators

No elevators were observed at the subject property.

6.6 Hydraulic Equipment

An aboveground hydraulic hoist is located in one of the bays within the service building. Additionally, what appeared to be an old unused belowground hoist was located under the aboveground hydraulic hoist.

6.7 Indications of Polychlorinated Biphenyls (PCBs)

One pole-mounted transformer was observed above the East 4th Street sidewalk adjacent to the northwest side of the subject property. The transformer appeared in good condition and no staining or discoloration was observed in the vicinity of the transformer. It is unknown if the transformer contains PCBs.

Fluorescent light tubes were observed in use in ceiling light fixtures in the building. Based on the 1966 building construction date, the fluorescent light ballasts may contain PCBs.

6.8 Other Conditions

6.8.1 Asbestos

An assessment of asbestos-containing materials was not part of the scope of this ESA. The use of asbestos in manufacturing most construction materials was federally banned in 1981; however, use of stockpiled materials and import of such materials continued for many years thereafter. Based on the 1966 construction date of the subject property building, ACM may be present.

6.8.2 Radon

The National Radon Database includes radon information from U.S. EPA/State Residential Radon Surveys conducted between 1986 and 1992. The database includes test results from 2 sites within the zip code 94402. The average value for radon level reported in this region was 2.200 pico curies per liter (pCi/L) of air for the first floor living area. This is lower than the U.S. EPA's recommended action level of 4 pCi/L.

The survey indicates that it is unlikely that radon levels at the subject property are above the U.S. EPA action level. As such, radon gas testing is not deemed necessary for the subject property.

6.8.3 Solid Waste

Solid waste is placed in recycle and refuse rollaway bins located in the southern area of the subject property, supplied by Recology of San Mateo County. Various items including chairs, used tires, automobile bumpers, truck cap, 5-gallon air tank, and rubbish were observed in the dirt planter areas in the southern corner of the site near the rollaway bins.

6.8.4 Lead in Paint

The Consumer Products Safety Commission limited lead content in residential paint to 0.06 percent (600 parts per million) in 1978. Based on the 1966 construction date of the subject property building, lead-containing paint may be present.

6.8.5 Vapor Intrusion Evaluation

A regional PCE groundwater plume is known to exist in the site vicinity. The source of the VOCs has been identified as an upgradient source, likely Wardrobe Cleaners.

During the most recent groundwater sampling event (August 2017), benzene, ethylbenzene, and naphthalene were detected in groundwater at maximum concentrations of 620 mg/L, 7,200 mg/L, and 730 mg/L respectively, all in onsite well MW-6. These concentrations exceed the Groundwater Vapor Intrusion ESLs for residential and commercial use scenarios. From 2007 to 2014, groundwater monitoring included the analysis of all VOCs. During this period, the highest concentrations of PCE and TCE detected onsite were in well MW-7, located near the southern property boundary, and well MW-13B, a deep well located near the former UST excavation. In well MW-7, PCE and TCE were detected as high as 172 and 12.5 μg/L and in well MW-13B, PCE and TCE were detected as high as 460 and 42.6 μg/L, respectively, both in March 2010. The concentrations are above the Groundwater Vapor Intrusion ESLs for residential and commercial scenarios of 0.64 and 2.8 μg/L, respectively. Soil vapor samples collected from probes located near the former UST excavation in 2013 and 2014 and contained 19 $\mu g/m^3$ in one probe which is above the residential Vapor Intrusion ESL of 15 $\mu g/m^3$. There has been no indoor air quality sampling performed at the subject property.

Because the VOC concentrations previously detected in soil gas and groundwater may have decreased over the last decade, vapor intrusion concerns at the subject property may have lessened, but still are a potential concern.

7.0 SUMMARY AND CONCLUSIONS

The subject property consists of one legal parcel comprising approximately 0.45 acres bounded to the northeast by South Delaware Street, to the southeast and southwest by commercial buildings, and to the northwest by East 4th Avenue. The site has the addresses of 402 South Delaware Street and 524 East 4th Avenue, and is described by San Mateo County

APN 034-186-110. The site is currently developed with a Union 76 gasoline service station and TNT Auto Repair. The subject property is in an area developed with residential and commercial/retail buildings within the downtown area of San Mateo, San Mateo County, California.

Historical Site and Vicinity Use

By at least 1888, the site was occupied by residences and associated outbuildings. The site remained in residential use until at least the early 1960s. The currently-existing building was constructed in 1966 for use as a gas station. The site has remained in use as a gas station since that time. Operators of the gas station have included American Oil, Chevron, ConocoPhillips and Union 76. A portion of the building has been used as an auto repair facility, likely since construction of the building.

Based on the age of historical residences and structures at the site, it is likely that lead-containing paint was used and asbestos-containing materials were present. Lead may have been introduced into the soil via flaking and/or prior demolition activities. Asbestos may also be present in soil as a result of prior demolition activities.

The site vicinity was developed primarily with residences with several vacant lots by at least 1888. Commercial development began in the early 1900s. Businesses originally in the site vicinity included a PG&E substation, lumber/planning mill, and lumber yard. Beginning in the 1950s, several gas stations and dry cleaners were present in the site vicinity. A Union Oil gas station operated immediately west of the subject property until apparently replaced by the gas station on the subject property. Gas stations were present farther northwest, north, and northeast of the site. Dry cleaners present to the southwest and northwest included: (1) Wardrobe Cleaners at 333 and 335 East 4th Avenue; (2) Family Cleaners at 412 East 3rd Avenue; (3) R NU IT at 200 East 2nd Avenue; (4) San Mateo Cleaners at 507 South B Street; and (5) Blue Ribbon Cleaners at 306 East 5th Street.

Previous Investigations

Investigations were initiated at the subject property in 1992 following removal of two 12,000-gallon gasoline USTs and one approximately 520-gallon waste oil UST. The UST cavity was overexcavated, and approximately 800 cy was removed from the excavation and disposed offsite, and approximately 5,800 gallons of groundwater was pumped from the excavation. Environmental investigations included 20 soil borings advanced to depths up to 32 feet bgs, 26 groundwater monitoring wells installed in the two water-bearing zones identified at the site (subsequently identified as a single water-bearing zone), and three vapor probes monitoring points installed onsite and four installed offsite for the collection of soil, groundwater, and soil vapor samples.

The most recent groundwater sampling (2017) indicated the maximum estimated extent of GRO and benzene are approximately 350 feet and 245 feet, respectively, east of the former UST excavation, and GRO, benzene and naphthalene were detected as high as 42,000 μg/L, 620 μg/L, and 730 μg/L, respectively in well MW-6, located near the former UST excavation. MTBE was only detected in one well (MW-18) at 99 μg/L located near the east site boundary.

The highest VOC concentrations detected onsite were in well MW-7, located near the southern property boundary, and well MW-13B, a deep well located near the former UST excavation. In well MW-7, PCE and TCE were detected as high as 172 and 12.5 μg/L and in well MW-13B, PCE and TCE were detected as high as 460 and 42.6 μg/L, respectively, both in March 2010The concentrations are above the 2019 RWQCB Groundwater Vapor Intrusion ESLs for residential and commercial scenarios of 0.64 and 2.8 μg/L, respectively. Soil vapor samples collected from probes located near the former UST excavation in 2013 and 2014 contained a PCE concentration of 19 $\mu g/m^3$ in one probe, which is above the 2019 RWQCB Tier 1 ESL of 15 $\mu g/m^3$. The source of the VOCs has been identified as an upgradient source, likely Wardrobe Cleaners.

SMCEH issued case closure for the site under the LTCP in a letter dated November 4, 2019 (SMCEH, 2019b). SMCEH noted that hydrocarbon-affected soil and groundwater remain east and southeast of the fuel USTs and beneath South Delaware Street. In a letter to the City of San Mateo Community Development Department, SMCEH reported that the hydrocarbon-affected soil and groundwater remaining in place did not pose a significant threat to public health or the environment under existing land use. However, SMCEH is to be notified of any change in land use or planned removal of soil or groundwater from the area so the SMCEH could evaluate whether additional actions would be necessary to protect public health and the environment.

Regulatory Agency Records

Subject Property

The subject property is listed on the LUST, UST, RCRA NonGen, CERS, CERS Tanks, CERS Haz Waste, and San Mateo County BI databases. The LUST database lists the site as having received regulatory closure on November 4, 2019. The RCRA NonGen database includes a 2019 listing indicating the business does not generate RCRA wastes. The UST, CERS Tanks, CERS Haz Waste, and San Mateo County BI database listings correspond to current use of the site as a Union 76 gas station. The CERS database lists violations noted during SMCEH inspections performed at the Union 76 station, primarily related to UST testing failures which were subsequently corrected. There is no record of spills or releases noted at the site.

Hazardous Material Inventories for the site list two 12,000-gallon gasoline USTs, a 550-gallon waste oil UST, 100 gallons of motor oil, 60 gallons of propane, 10 lead acid batteries, waste oil filters, and 55 gallons of waste antifreeze.

Surrounding Properties

A regional VOC plume is known to exist in the subject property vicinity. Wardrobe Cleaners, located upgradient of the subject property, is believed to be the source.

Site Observations

The subject property is developed with a building containing a small retail store operated by Union 76, two service bays used by TNT Auto Repair, and a restroom.

Hazardous materials observed in the service building included two 55-gallon drums of new motor oil (with no secondary containment), 1-quart containers of transmission fluid, 5-quart containers of motor oil, and 1-quart containers and aerosol cans of other various automobile fluids were observed in the area of the service bays. Staining was observed on the chipped concrete floor which appeared to be from oil drips and possible minor spills that occurred during auto repair activities.

In addition to the service building, the subject property consists of two 12,000-gallon gasoline USTs, one approximately 550-gallon waste oil UST, two canopies over five dispensers, asphalt-paved parking, and landscaped areas. In addition to the USTs, hazardous material storage was observed on the southwest exterior side of the building, including four 55-gallon drums of used oil filters, waste anti-freeze, waste liquids (gasoline/water mixture), and waste solids (oily rags). The drums were not located on secondary containment and some staining was observed on the asphalt in the vicinity of the drums.

Car detailing work is performed along the southeastern exterior wall of the subject building. An air compressor, a flammable cabinet with car detailing equipment and 1-gallon containers and aerosol cans of car detailing fluids are also located along the southeastern exterior wall. Staining was observed on the ground of the car detailing area as well.

Refuse and recycle rollaway bins, a green clothing donation bin, and rubbish including used chairs and automobile parts were observed in the southern portion of the subject property. Oil staining was observed on the ground throughout the subject property. Evidence of former soil borings and wells were also observed throughout the subject property.

Based on the 1966 construction date of the subject property building, ACM and lead-based paint may be present, and fluorescent light fixture ballasts may contain PCBs.

Conclusions

PES has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ATSM Practice E 1527-13 of the property located at 402 South Delaware Street and 524 East 4th Avenue in San Mateo, California, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

The following three RECs were identified:

Historical USTs: Three USTs (two 12,000-gallon gasoline and one approximately 550-gallon waste oil) were removed from the subject property in 1992. SMCEH issued case closure for the site under the LTCP in a letter dated November 4, 2019. SMCEH noted that hydrocarbon-affected soil and groundwater remain east and southeast of the fuel USTs and beneath South Delaware Street. In a letter to the City of San Mateo Community Development Department, SMCEH reported that the hydrocarbon-affected soil and groundwater remaining in place did not pose a significant threat to public health or the environment under existing land use. However, SMCEH is to be notified of any change in land use or planned removal of soil or groundwater from the area so the SMCEH could evaluate whether additional actions would be necessary to protect public health and the environment. This constitutes a Controlled REC.

Potential Vapor Intrusion: A regional PCE groundwater plume is known to exist in the site vicinity. PCE, TCE, benzene, ethylbenzene, and naphthalene have been detected in groundwater beneath the site at levels above Groundwater Vapor Intrusion ESLs for residential and commercial scenarios. Additionally, a PCE concentration detected in soil vapor beneath the site exceeded the residential Vapor Intrusion ESL. Therefore, vapor intrusion to onsite buildings may be a concern. The source of PCE and TCE has not been identified but may be associated with offsite dry cleaner operations. This constitutes a REC.

Auto Repair Facilities: Staining was observed on the floor of the service bays, the ground in the vicinity of the 55-gallon drums of waste fluids, and on the ground throughout the site. These may have impacted site soil through cracks in the concrete and asphalt. No secondary containment was provided for drums. These housekeeping issues related to auto repair activities represent a REC.

PES also made the following noteworthy observations during the performance of this ESA:

- Based on the age of historical residences and structures at the site, it is likely that lead-containing paint was used and asbestos-containing materials were present. Lead may have been introduced into the soil via flaking and/or prior demolition activities. Asbestos may also be present in soil as a result of prior demolition activities;

- Based on the 1966 construction date of the subject property building, ACM and lead-based paint may be present; and

- Subsurface components of a former hydraulic lift may be present in the auto repair shop;

8.0 DATA GAPS STATEMENT

No significant data gaps that may have affected our ability to identify RECs associated with the subject property were identified during the performance of this Phase I ESA.

9.0 ADDITIONAL SERVICES

No additional services were provided during the preparation of this Phase I ESA.

10.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of the Environmental Professionals signing this report are presented in Appendix I.

11.0 REFERENCES

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SMCEH, 2019b. Letter to Chevron Environmental Management Company Re: *Unocal 76 Station #6390 at 402 South Delaware Street, San Mateo, CA*. November 4.

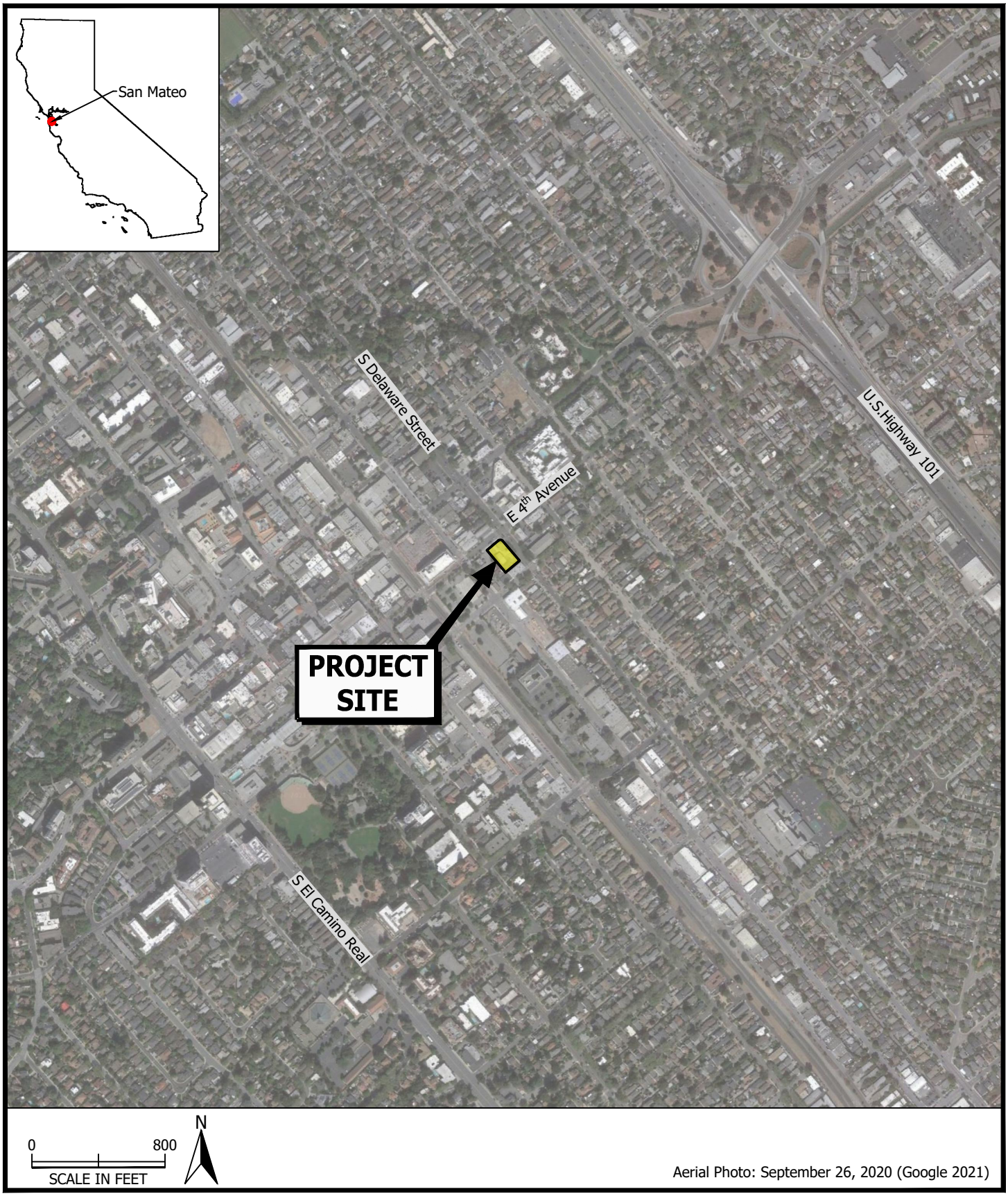
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ILLUSTRATIONS



Aerial Photo: September 26, 2020 (Google 2021)

PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

Site Location
Phase I Environmental Site Assessment
524 E 4th Avenue and 402 S Delaware Street
San Mateo, California

PLATE
1

1409.019.01.001	140901901001_ESA_1-2	CM	9/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



Explanation

Approximate Property Boundary

Observations

- T — Transformer
- SW — Solid Waste
- R — Rubbish
- H — Service Bays

N

0 50

SCALE IN FEET

Note: The original version of this figure includes color-designated features. A black and white copy of the figure may not accurately represent the information originally presented.

PES Environmental, Inc.
Engineering & Environmental Services
AN NV5 COMPANY

Site and Vicinity
Phase I Environmental Site Assessment
524 E 4th Avenue and 402 S Delaware Street
San Mateo, California

PLATE 2

1409.019.01.001	140901901001_ESA_1-2	CM	9/21
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



Photo 1.
View of subject property, looking west from S. Delaware Street. Photograph taken September 1, 2021.

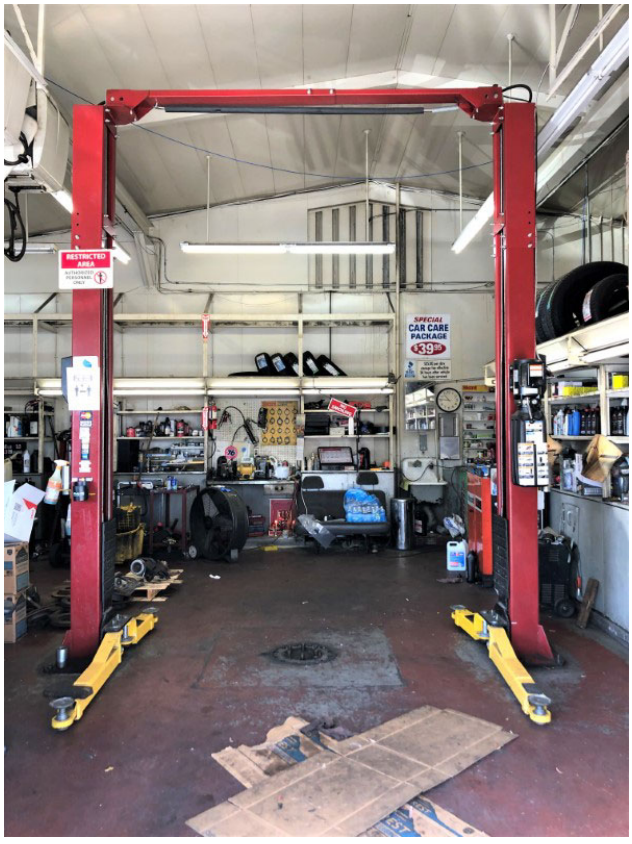


Photo 2.
Service station bay with aboveground hydraulic hoist. Photograph taken September 1, 2021.

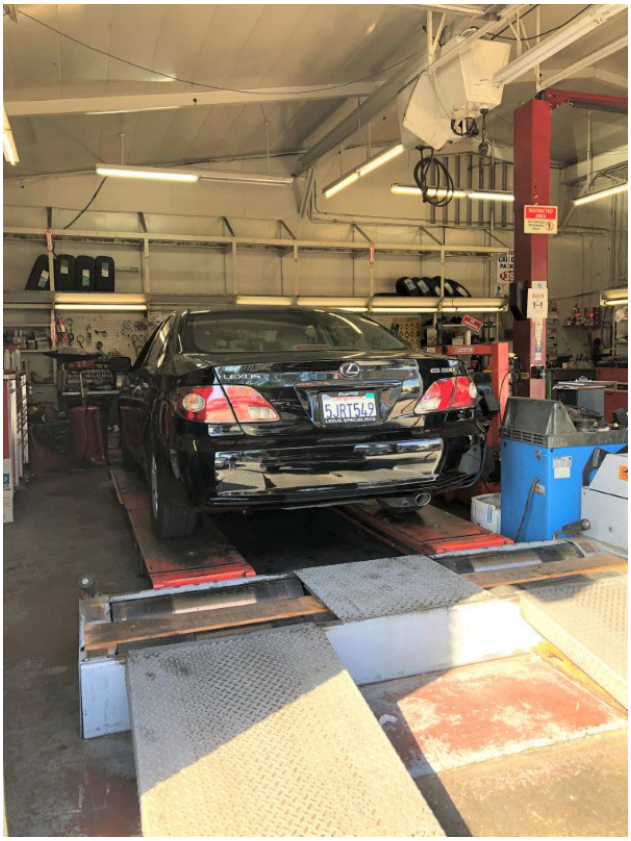


Photo 1.
Service station bay with smog check dynamometer. Photograph taken September 1, 2021.



Photo 2.
Storage of containers of motor oil and other automobile fluids in the service station bay area. Photograph taken September 1, 2021.



Photo 1.
Empty containers of motor oil and (2) 55-gallon drums of new motor oil stored in the service station bay area. No secondary containment. Photograph taken September 1, 2021.

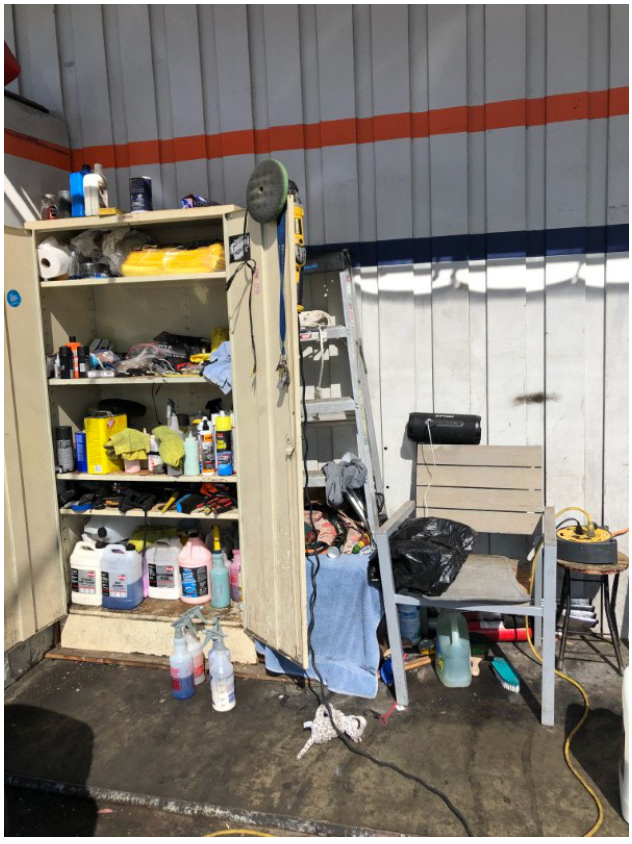


Photo 2.
Flammable cabinet with car detailing fluids and equipment located on the southeastern exterior of the station building adjacent to the car detailing area. Photograph taken September 1, 2021.

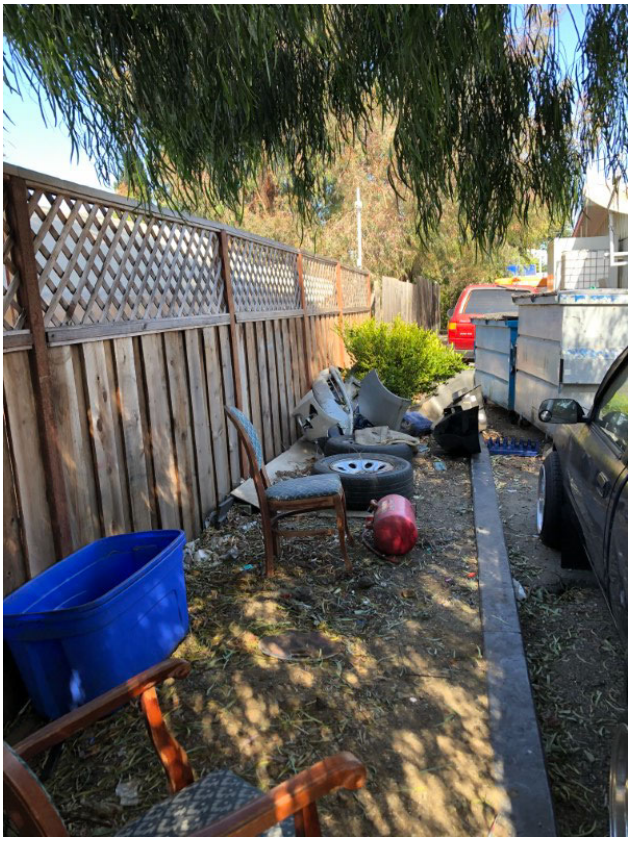


Photo 1.
Discarded household and automobile items and rubbish and recycle rollaway bins along the back (southwest) of the subject property. Photograph taken September 1, 2021.



Photo 2.
(4) 55-gallon drums of used oil filters, waste anti-freeze, waste liquids, and oily rags located along the southwestern exterior of the station building. No secondary containment. Empty IBC tote on top of metal storage box. Photograph taken September 1, 2021.



Photo 1.
Example of surface staining on the subject property and evidence of a soil boring or destroyed monitoring well previously located on the subject property.
Photograph taken September 1, 2021.



Photo 2.
View of adjoining Taco Bell restaurant, looking southwest from subject property.
Photograph taken September 1, 2021.



Photo 1.
View of Jiffy Lube mulitcare located across S. Delaware Street, looking northeast from subject property. Photograph taken September 1, 2021.



Photo 2.
View of Gas & Shop service located across the intersection of S. Delaware Street and E. 4th Avenue, looking north from subject property. Photograph taken September 1, 2021.



Photo 1.
View of AMA Tires auto shop located across E. 4th Avenue, looking northwest from subject property. Photograph taken September 1, 2021.

APPENDIX A

USER QUESTIONNAIRE AND PRELIMINARY TITLE REPORT

USER QUESTIONNAIRE[1]
PHASE I ENVIRONMENTAL SITE ASSESSMENT

In order to qualify for one of the *Landowner Liability Protections (LLPs)*[2] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *"Brownfields Amendments"*), the User must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

User Information	
Name:	Austin O'Such
Title:	
Company:	WHRV
Representing, if applicable:	
Signature:	Date: 9-8-21

Site Information	
Site Name:	524 E 4th ave + 402 S Delaware San mateo
Address:	

1. Environmental liens that are filed or recorded against the property (40 CFR 312.25)

Did a search of recorded land title records (or judicial records where appropriate[3]) identify any environmental cleanup liens filed or recorded against the property under federal, tribal, state or local law?

N/A

2. Activity and land use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi))

Did a search of recorded land title records (or judicial records, where appropriate[3]) identify any activity or use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

N/A

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)

As the user of this Phase I ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former property occupants of the property or an adjoining property so that you have specialized knowledge of the chemicals and processes used by

---

[1] In accordance with Appendix X3 of ASTM E1527-13.

[2] *Landowner Liability Protections,* or *LLPs,* is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* (*"Common Elements"* Guide) issued on March 6, 2003.

[3] In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental lien and Activity and Use Limitations (AULs) be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

this type of business?

n/a

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

yes, 7.5 million.

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User:

(a) Do you know the past uses of the property?

gas station + auto care

(b) Do you know of specific chemicals that are present or once present at the property?

likely gas + oil

(c) Do you know of spills or other chemical releases that have taken place at the property?

n/a

(d) Do you know of any environmental cleanups that have taken place at the property?

n/a

6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

n/a

First American Title Insurance Company
National Commercial Services
2755 Campus Dr. Suite 125
San Mateo, CA 94403

Austin O'Such
Windy Hill Property Ventures
530 Emerson St
Palo Alto, CA 94301

Escrow Officer:	Shelly Siegman
Phone:	(650)356-1732
Email:	ssiegman@firstam.com
Title Officer:	Jan Nguyen
Phone:	(408)451-7816
Email:	JanNguyen@firstam.com
Property:	524 East 4th Avenue, San Mateo, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties*. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of March 19, 2021 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

ALTA Standard Owner Policy

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Linda B. Spady, Trustee of the Linda B. Spady Trust, dated December 25, 1986

The estate or interest in the land hereinafter described or referred to covered by this Report is:

Fee Simple

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2021-2022, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. A lease dated June 25, 1991, executed by Lucille G. Benedetti, Trustee of The Benedetti Marital Trust under agreement dated April 11, 1977 as lessor and Union Oil Company of California, dba Unocal, a California corporation as lessee, recorded March 10, 1992 as Instrument No. 92-032592 of Official Records.

   Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records are not shown herein.

4. The fact that the land lies within the boundaries of the Downtown Redevelopment Project Area, as disclosed by the document recorded June 22, 2007 as Instrument No. 2007-095410 of Official Records.

5. Water rights, claims or title to water, whether or not shown by the public records.

6. We find no outstanding voluntary liens of record affecting subject property. An inquiry should be made concerning the existence of any unrecorded lien or other indebtedness which could give rise to any security interest in the subject property.

7. Rights of parties in possession.

INFORMATIONAL NOTES

ALERT - CA Senate Bill 2 imposes an additional fee of $75 up to $225 at the time of recording on certain transactions effective January 1, 2018. Please contact your First American Title representative for more information on how this may affect your closing.

1. Taxes for proration purposes only for the fiscal year 2020-2021.

First Installment:	$1,999.95, PAID
Second Installment:	$1,999.95, PAID
Tax Rate Area:	12-023
APN:	034-186-110

2. The property covered by this report is vacant land.

3. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

4. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

5. Should this report be used to facilitate your transaction, we must be provided with the following prior to the issuance of the policy:

   A. WITH RESPECT TO A CORPORATION:
      1. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
      2. A certificate copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
      3. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
      4. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
   B. WITH RESPECT TO A CALIFORNIA LIMITED PARTNERSHIP:
      1. A certified copy of the certificate of limited partnership (form LP-1) and any amendments thereto (form LP-2) to be recorded in the public records;
      2. A full copy of the partnership agreement and any amendments;
      3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
      4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
      5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
   C. WITH RESPECT TO A FOREIGN LIMITED PARTNERSHIP:
      1. A certified copy of the application for registration, foreign limited partnership (form LP-5) and any

amendments thereto (form LP-6) to be recorded in the public records;
2. A full copy of the partnership agreement and any amendment;
3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

D. WITH RESPECT TO A GENERAL PARTNERSHIP:
1. A certified copy of a statement of partnership authority pursuant to Section 16303 of the California Corporation Code (form GP-I), executed by at least two partners, and a certified copy of any amendments to such statement (form GP-7), to be recorded in the public records;
2. A full copy of the partnership agreement and any amendments;
3. Requirements which the Company may impose following its review of the above material required herein and other information which the Company may require.

E. WITH RESPECT TO A LIMITED LIABILITY COMPANY:
1. A copy of its operating agreement and any amendments thereto;
2. If it is a California limited liability company, a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) to be recorded in the public records;
3. If it is a foreign limited liability company, a certified copy of its application for registration (LLC-5) to be recorded in the public records;
4. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, such document or instrument must be executed in accordance with one of the following, as appropriate:
   (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such documents must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
   (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
5. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
6. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

F. WITH RESPECT TO A TRUST:
1. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
2. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
3. Other requirements which the Company may impose following its review of the material require herein and other information which the Company may require.

G. WITH RESPECT TO INDIVIDUALS:
1. A statement of information.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on

this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of San Mateo, County of San Mateo, State of California, described as follows:

LOTS 2, 3 AND 4, AND A PORTION OF LOT 1, BLOCK 20, AS SHOWN ON THAT CERTAIN MAP ENTITLED "MAP OF THE TOWN OF SAN MATEO, SAN MATEO COUNTY, CALIFORNIA", FILED IN THE OFFICE OF THE RECORDER OF SAN MATEO COUNTY ON JANUARY 24, 1863 IN BOOK 2 OF MISCELLANEOUS RECORDS AT PAGE 95, AND A COPY ENTERED IN BOOK 1 OF MAPS AT PAGE 45, SAID PORTION OF LOT 1 MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY LINE OF DELAWARE STREET, FORMERLY "D" STREET, DISTANT THEREON 52 FEET NORTH FROM THE NORTHERLY LINE OF 5TH AVENUE; RUNNING THENCE NORTH ALONG SAID LINE OF DELAWARE STREET, 28 FEET; THENCE AT A RIGHT ANGLE WESTERLY AND PARALLEL WITH 5TH AVENUE, 110 FEET; THENCE AT RIGHT ANGLES SOUTHERLY AND PARALLEL WITH DELAWARE STREET, 28 FEET; THENCE AT RIGHT ANGLES EASTERLY AND PARALLEL WITH 5TH AVENUE, 110 FEET TO THE POINT OF BEGINNING.

EXCEPTING FROM LOT 4, THAT PORTION THEREOF CONVEYED TO THE CITY OF SAN MATEO BY DEED RECORDED MARCH 30, 1966 IN BOOK 5135 AT PAGE 314 OF OFFICIAL RECORDS.

APN: 034-186-110
JPN: 034-018-186-11A

NOTICE I

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

NOTICE II

As of January 1, 1991, if the transaction which is the subject of this report will be a sale, you as a party to the transaction, may have certain tax reporting and withholding obligations pursuant to the state law referred to below:

In accordance with Sections 18662 and 18668 of the Revenue and Taxation Code, a buyer may be required to withhold an amount equal to three and one-third percent of the sales price in the case of the disposition of California real property interest by either:

1. A seller who is an individual with a last known street address outside of California or when the disbursement instructions authorize the proceeds be sent to a financial intermediary of the seller, OR
2. A corporate seller which has no permanent place of business in California.

The buyer may become subject to penalty for failure to withhold an amount equal to the greater of 10 percent of the amount required to be withheld or five hundred dollars ($500).

However, notwithstanding any other provision included in the California statutes referenced above, no buyer will be required to withhold any amount or be subject to penalty for failure to withhold if:

1. The sales price of the California real property conveyed does not exceed one hundred thousand dollars ($100,000), OR
2. The seller executes a written certificate, under the penalty of perjury, certifying that the seller is a resident of California, or if a corporation, has a permanent place of business in California, OR
3. The seller, who is an individual, executes a written certificate, under the penalty of perjury, that the California real property being conveyed is the seller's principal residence (as defined in Section 1034 of the Internal Revenue Code).

The seller is subject to penalty for knowingly filing a fraudulent certificate for the purpose of avoiding the withholding requirement.

The California statutes referenced above include provisions which authorize the Franchise Tax Board to grant reduced withholding and waivers from withholding on a case-by-case basis.

The parties to this transaction should seek an attorney's, accountant's, or other tax specialist's opinion concerning the effect of this law on this transaction and should not act on any statements made or omitted by the escrow or closing officer.

The Seller May Request a Waiver by Contacting:
Franchise Tax Board
Withhold at Source Unit
P.O. Box 651
Sacramento, CA 95812-0651
(916) 845-4900

Privacy Policy

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its *Fair Information Values*, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's *Fair Information Values*. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10)
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   (a) building; (d) improvements on the Land;
   (b) zoning; (e) land division; and
   (c) land use; (f) environmental protection.
   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   (a) that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   (b) that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   (c) that result in no loss to You; or
   (d) that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   (a) to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   (b) in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows: For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

	Your Deductible Amount	**Our Maximum Dollar Limit of Liability**
Covered Risk 16:	1% of Policy Amount or $2,500.00 (whichever is less)	$10,000.00
Covered Risk 18:	1% of Policy Amount or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 19:	1% of Policy Amount or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 21:	1% of Policy Amount or $2,500.00 (whichever is less)	$5,000.00

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection
   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:

(a) that are created, allowed, or agreed to by you
(b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
(c) that result in no loss to you
(d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks

4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

   b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an

accurate and complete land survey of the Land and not shown by the Public Records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

2006 ALTA OWNER'S POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

   b.Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   a. a fraudulent conveyance or fraudulent transfer; or
   b. a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement erected on the Land;
   iii. the subdivision of land; or
   iv. environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

   b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters

   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   a. a fraudulent conveyance or fraudulent transfer, or
   b. a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.

APPENDIX B

REGULATORY AGENCY DATABASE REPORT

524 E. 4th Avenue
524 E. 4th Avenue
San Mateo, CA 94402

Inquiry Number: 6629448.2s
August 20, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

524 E. 4TH AVENUE
SAN MATEO, CA 94402

COORDINATES

Latitude (North):	37.5659390 - 37° 33' 57.38''
Longitude (West):	122.3191780 - 122° 19' 9.04''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	560126.8
UTM Y (Meters):	4157670.0
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640626 SAN MATEO, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
524 E. 4TH AVENUE
SAN MATEO, CA 94402

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	TNT AUTO REPAIR	402 S DELAWARE ST	RCRA NonGen / NLR	Higher	32, 0.006, North
A2	UNOCAL #6390	402 DELAWARE	LUST, San Mateo Co. BI	Higher	32, 0.006, North
A3	TAD'S 76 - 256390	402 S DELAWARE ST	RCRA NonGen / NLR	Higher	32, 0.006, North
A4	REED ROBERT A	402 S DELAWARE	EDR Hist Auto	Higher	32, 0.006, North
A5	UNOCAL STATION #6390	402 SOUTH DELAWARE S	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	32, 0.006, North
A6	TNT AUTO REPAIR	402 DELAWARE	San Mateo Co. BI	Higher	32, 0.006, North
A7	UNITED PACIFIC #2201	402 DELAWARE	San Mateo Co. BI	Higher	32, 0.006, North
A8	APRO LLC DBA UNITED	402 DELAWARE ST	RCRA NonGen / NLR	Higher	32, 0.006, North
A9	76 MART	402 DELAWARE	San Mateo Co. BI	Higher	32, 0.006, North
A10	AT AUTO CARE	402 S DELAWARE ST	RCRA NonGen / NLR	Higher	32, 0.006, North
A11	UNOCAL SERVICE STATI	402 S DELAWARE ST	LUST, CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS...	Higher	32, 0.006, North
A12	TAD'S 76 #256390	402 S DELAWARE ST	UST	Higher	32, 0.006, North
A13	SHINODA SHIGEAKI SHI	500 E FOURTH AVE	EDR Hist Auto	Higher	52, 0.010, WSW
A14	TACO BELL #30746	500 4TH	San Mateo Co. BI	Higher	52, 0.010, WSW
A15	TACO BELL #1295	500 4TH	San Mateo Co. BI	Higher	52, 0.010, WSW
A16	TAQUERIA LAS CASUELA	517 4TH	San Mateo Co. BI	Higher	82, 0.016, NW
A17	JIFFY LUBE # 1151	407 S DELAWARE ST	RCRA NonGen / NLR	Higher	98, 0.019, NE
A18	JIFFY LUBE 1151	407 S DELAWARE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	98, 0.019, NE
A19	RL LAZATIN	407 S DELAWARE	LUST, HIST UST	Higher	98, 0.019, NE
A20	HELNICK INC	407 S DELAWARE	EDR Hist Auto	Higher	98, 0.019, NE
A21	JIFFY LUBE	407 S DELAWARE	AST	Higher	98, 0.019, NE
A22	SHELL	407 SOUTH DELAWARE S	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	98, 0.019, NE
A23	A M A TIRES & WHEELS	525 4TH	San Mateo Co. BI	Higher	98, 0.019, NW
A24	AMA TIRES	525 E 4TH AVE	RCRA NonGen / NLR	Higher	98, 0.019, NW
A25	A M A TIRES & WHEELS	525 E 4TH AVE	CERS HAZ WASTE, CERS	Higher	98, 0.019, NW
B26	QUALITY CLEANERS	548 E FIFTH AV	EDR Hist Cleaner	Higher	100, 0.019, SSE
A27	SERVICE PRESS INC	397 S CLAREMONT ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	142, 0.027, WNW
C28	ARNOLD PEDERSON LUMB	400 CLAREMONT	LUST, Cortese, HIST CORTESE, CERS	Higher	164, 0.031, WSW
A29	ANDYS BP INC DBA GAS	609 E 4TH AVE	RCRA NonGen / NLR	Lower	203, 0.038, North
A30	TOSCO NORTHWEST CO N	609 E 4TH AVE	RCRA-SQG, FINDS, ECHO	Lower	203, 0.038, North
A31	GAS AND SHOB	609 E 4TH AVE	EDR Hist Auto	Lower	203, 0.038, North
A32	BP OIL COMPANY FACIL	609 E 4TH AVE	LUST, SWEEPS UST, HIST UST	Lower	203, 0.038, North
A33	MOBIL SERVICE STATIO	609 E 4TH AVE	HIST UST	Lower	203, 0.038, North
A34	BP OIL #11205	609 4TH	LUST, Cortese, HIST CORTESE, CERS	Lower	203, 0.038, North
A35	GAS & SHOP	609 E 4TH AVE	UST	Lower	203, 0.038, North
A36	GAS & SHOP	609 4TH	San Mateo Co. BI	Lower	203, 0.038, North
A37	ANDYS BP INC DBA GAS	609 E 4TH AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	203, 0.038, North
A38	MOBIL OIL CORP	609 E FOURTH AVENUE	HIST UST	Lower	203, 0.038, North
B39	PETERSON & ARNOLD PL	421 5TH	San Mateo Co. BI	Higher	211, 0.040, SSW

MAPPED SITES SUMMARY

Target Property Address:
524 E. 4TH AVENUE
SAN MATEO, CA 94402

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A40	CHEVRON 9-5336	602 4TH	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	236, 0.045, NE
A41	CHEVRON #5336	602 E 4TH AVE	LUST, SWEEPS UST, HIST UST	Lower	236, 0.045, NE
A42	AL CARBON	602 FOURTH	San Mateo Co. BI	Lower	236, 0.045, NE
A43	YOUNGS HARRY CHEVRON	602 E FOURTH AVE	EDR Hist Auto	Lower	236, 0.045, NE
A44	CHEVRON STATION NO 9	602 E 4TH AVE	RCRA NonGen / NLR, FINDS, ECHO, HAZNET, HWTS	Lower	236, 0.045, NE
A45	TACOS AL VAPOR NUEVA	602 4TH	San Mateo Co. BI	Lower	236, 0.045, NE
A46	PANADERIA GUATEMALTE	602 4TH	San Mateo Co. BI	Lower	236, 0.045, NE
A47	95336	602 E 4TH ST	HIST UST	Lower	236, 0.045, NE
A48	SUBWAY SANDWICH	602 4TH	San Mateo Co. BI	Lower	236, 0.045, NE
C49	HYBRID HOSPITAL INC	330 S CLAREMONT ST	RCRA NonGen / NLR	Higher	241, 0.046, West
C50	SOUTH CLAREMONT PROP	330 S. CLAREMONT STR	CPS-SLIC, CERS	Higher	241, 0.046, West
C51	SOUTH CLAREMONT PROP	330 S CLAREMONT ST	LUST	Higher	241, 0.046, West
B52	SAN MATEO LUMBER COM	501 S CLAREMONT ST	SWEEPS UST, HIST UST, CA FID UST	Higher	314, 0.059, SSE
B53	SAN MATEO LUMBER CO.	501 S CLAREMONT ST	HIST UST	Higher	314, 0.059, SSE
D54	WHA IN YUN	300 SO DELAWARE	HIST UST, HAZNET, HWTS	Higher	316, 0.060, NW
D55	ARCO #0515	300 S DELAWARE ST	LUST	Higher	316, 0.060, NW
D56	ARCO 00515	300 S DELAWARE ST	UST	Higher	316, 0.060, NW
D57	BP WEST COAST PRODUC	300 S DELAWARE ST	RCRA NonGen / NLR	Higher	316, 0.060, NW
D58	BP WEST COAST PRODUC	300 S DELAWARE ST	SWEEPS UST, CA FID UST, HAZNET, HWTS	Higher	316, 0.060, NW
D59	ARCO #0515	300 DELAWARE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	316, 0.060, NW
D60	DELAWARE SMOG PROS	300 S DELAWARE AVE	RCRA NonGen / NLR	Higher	316, 0.060, NW
D61	ARCO STATION #515	300 SOUTH DELAWARE	Notify 65	Higher	316, 0.060, NW
D62	ARCO 00515	300 S DELAWARE ST	CERS HAZ WASTE, CERS TANKS, CERS	Higher	316, 0.060, NW
D63	WHA IN YUN	300 S DELAWARE ST	HIST UST	Higher	316, 0.060, NW
D64	RUPPELL PHILLIP A	300 S DELAWARE	EDR Hist Auto	Higher	316, 0.060, NW
D65	WING FAT RESTAURANT	500 3RD	San Mateo Co. BI	Higher	339, 0.064, NW
D66	LAS PALOMAS #2	512 3RD	San Mateo Co. BI	Higher	353, 0.067, NW
D67	ELENOR LEE	508 EAST 3RD AVENUE	DRYCLEANERS, EMI, HWTS	Higher	354, 0.067, NW
D68	LAS PALOMAS TAQUERIA	504 3RD	San Mateo Co. BI	Higher	354, 0.067, NW
D69	LAS PALOMAS TAQUERIA	504 3RD	San Mateo Co. BI	Higher	354, 0.067, NW
D70	CLAUDIAS PASTES AND	668 3RD	San Mateo Co. BI	Lower	355, 0.067, North
C71	T. ENDO AUTOMOTIVE	405 EAST 4TH AVENUE	LUST, San Mateo Co. BI, Cortese, HAZNET, HIST...	Higher	356, 0.067, WSW
C72	BAYSHORE CAR WASH IN	400 E 4TH ST	EDR Hist Auto	Higher	361, 0.068, WSW
D73	WINDY HILL PROPERTY	304 S CLAREMONT ST	RCRA NonGen / NLR	Higher	364, 0.069, WNW
D74	PFLEG EDWARD PAUL	592 E THIRD AVE	EDR Hist Auto	Higher	385, 0.073, NNW
D75	SEVEN ELEVEN FOOD ST	600 3RD	San Mateo Co. BI	Higher	387, 0.073, NNW
D76	7-ELEVEN INC. STORE	600 3RD	San Mateo Co. BI	Higher	387, 0.073, NNW
D77	7 ELEVEN STORE #2366	600 3RD	San Mateo Co. BI	Higher	387, 0.073, NNW
D78	FUJI SUKIYAKI RESTAU	428 3RD	San Mateo Co. BI	Higher	405, 0.077, WNW

MAPPED SITES SUMMARY

Target Property Address:
524 E. 4TH AVENUE
SAN MATEO, CA 94402

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D79	FUJI SUKIYAKI	428 3RD	San Mateo Co. BI	Higher	405, 0.077, WNW
E80	REGAL STATION #420	706 E 4TH AVE	LUST, SWEEPS UST, HIST UST	Lower	416, 0.079, NE
E81	TOM'S VALERO	706 E 4TH AVE	UST	Lower	416, 0.079, NE
E82	TOM'S VALERO	706 E 4TH AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS	Lower	416, 0.079, NE
E83	SAN MATEO GAS CO	706 E 4TH AVE	UST	Lower	416, 0.079, NE
E84	TOM'S VALERO	706 E 4TH AVE	RCRA NonGen / NLR	Lower	416, 0.079, NE
E85	REGAL	706 EAST 4TH AVENUE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	416, 0.079, NE
E86	CHEVERON & SHOP	706 4TH	San Mateo Co. BI	Lower	416, 0.079, NE
E87	FOURTH AVE BEACON IN	706 E 4TH AVE	EDR Hist Auto	Lower	416, 0.079, NE
F88	SAIGON CITY AUTHENTI	418 3RD	San Mateo Co. BI	Higher	417, 0.079, WNW
D89	THIRD AVENUE SHELL	611 E 003RD	SWEEPS UST, CA FID UST	Higher	419, 0.079, NNW
D90	QUALITY CLEANERS	508 3RD	San Mateo Co. BI	Higher	421, 0.080, WNW
F91	KASBARI EDMAN	412 E 3RD AVE	EDR Hist Cleaner	Higher	434, 0.082, WNW
G92	TAQUERIA EL NAYARITA	660 3RD	San Mateo Co. BI	Lower	448, 0.085, NNW
G93	ALBAYK	670 3RD	San Mateo Co. BI	Lower	463, 0.088, North
D94	UNION OIL SERVICE ST	615 E 003RD AVE	SWEEPS UST, CA FID UST	Higher	480, 0.091, NNW
H95	DOWNTOWN SAN MATEO O	400 EAST 5TH AVENUE,	ENVIROSTOR, VCP	Higher	489, 0.093, SSW
D96	JACK IN THE BOX #049	555 3RD	San Mateo Co. BI	Higher	493, 0.093, NW
F97	ACCU-TUNE	435 3RD	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	523, 0.099, WNW
F98	PAULS FLYING A SERVI	435 THIRD AVE	EDR Hist Auto	Higher	523, 0.099, WNW
F99	PRECISION TUNE AUTO	435 E 3RD AVE	CERS HAZ WASTE, CERS	Higher	523, 0.099, WNW
F100	PRECISION TUNE AUTO	435 E 3RD AVE	RCRA NonGen / NLR	Higher	523, 0.099, WNW
F101	ACCU-TUNE	435 E 3RD AVE	LUST	Higher	523, 0.099, WNW
I102	WARDROBE CLEANERS	335 E 4TH AVE	DRYCLEANERS	Higher	527, 0.100, WSW
I103	WARDROBE CLEANERS	335 E 4TH AVE	RCRA NonGen / NLR	Higher	527, 0.100, WSW
I104	WARDROBE CLEANERS	335 4TH	San Mateo Co. BI	Higher	527, 0.100, WSW
I105	WARDROBE CLEANERS	335 E 4TH STREET	LUST, EMI, CERS	Higher	527, 0.100, WSW
I106	WARDROBE CLEANERS	335 E 4TH AVE	EDR Hist Cleaner	Higher	527, 0.100, WSW
I107	WARDROBE CLEANERS	333 AND 335 EAST 4TH	CPS-SLIC, CERS	Higher	527, 0.100, WSW
D108	SHELL SERVICE STATIO	611 E THIRD	RCRA-LQG, FINDS, ECHO	Higher	532, 0.101, NNW
D109	SAINT MATTS SHELL	611 E THIRD AVE	HIST UST	Higher	532, 0.101, NNW
D110	SHELL STATION	611 EAST 3RD AVENUE	LUST, HIST UST, San Mateo Co. BI, Cortese, CERS	Higher	532, 0.101, NNW
D111	THIRD STREET SHELL #	611 E 3RD AVE	UST	Higher	532, 0.101, NNW
D112	AU ENERGY-THIRD STRE	611 E 3RD AVE	RCRA NonGen / NLR	Higher	532, 0.101, NNW
D113	THIRD AVENUE SHELL	611 E 3RD AVE	EDR Hist Auto	Higher	532, 0.101, NNW
D114	THIRD STREET SHELL #	611 E 3RD AVE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	532, 0.101, NNW
H115	WARDROBE CLEANERS	344 4TH AVE	ENVIROSTOR	Higher	543, 0.103, SW
J116	AUTOTECH MOTOR SERVI	601 S CLAREMONT	RCRA NonGen / NLR	Higher	545, 0.103, SSE
J117	AUTO TECH MOTOR SERV	601 S CLAREMONT ST	FINDS, San Mateo Co. BI	Higher	545, 0.103, SSE

MAPPED SITES SUMMARY

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J118	AUTO TECH MOTOR SERV	601 S CLAREMONT ST	CERS HAZ WASTE, CERS	Higher	545, 0.103, SSE
G119	UNION OIL SS#4178	615 E 3RD AVE	LUST, HIST UST	Lower	550, 0.104, NNW
G120	TAKS UNION SERVICE	615 E THIRD AVE	EDR Hist Auto	Lower	550, 0.104, NNW
G121	TOSCO #4178	615 EAST THIRD AVENU	UST	Lower	550, 0.104, NNW
G122	BANGKOK PATIO BAR AN	615 3RD	San Mateo Co. BI	Lower	550, 0.104, NNW
G123	UNION OIL SS 4178	615 EAST THIRD AVE	HIST UST	Lower	550, 0.104, NNW
G124	LITTLE CAESARS	615 3RD	San Mateo Co. BI	Lower	550, 0.104, NNW
G125	UNION OIL SS# 4178	615 E 3RD AVE	HIST UST	Lower	550, 0.104, NNW
G126	TOSCO #4178	615 3RD	LUST, San Mateo Co. BI, HIST CORTESE	Lower	550, 0.104, NNW
G127	BANGKOK PATIO	615 3RD	San Mateo Co. BI	Lower	550, 0.104, NNW
G128	TOSCO #4178	615 EAST 3RD AVENUE	LUST, Cortese, HAZNET, HWTS	Lower	550, 0.104, NNW
I129	NORMANDY CLEANERS	333 E 4TH AVE	EDR Hist Cleaner	Higher	553, 0.105, WSW
F130	3RD AND CLAREMONT OW	406 E 3RD AVE	RCRA NonGen / NLR	Higher	554, 0.105, West
F131	3RD AND CLAREMONT HO	406 E 3RD AVE	RCRA NonGen / NLR	Higher	554, 0.105, West
F132	KENTUCKY FRIED CHICK	406 3RD	San Mateo Co. BI	Higher	554, 0.105, West
F133	UST SITE	406 3RD	San Mateo Co. BI	Higher	554, 0.105, West
F134	KENTUCKY FRIED CHICK	406 EAST THIRD AVENU	LUST	Higher	554, 0.105, West
F135	KENTUCKY FRIED CHICK	406 EAST THIRD AVENU	Cortese	Higher	554, 0.105, West
I136	LAKUNI	325 4TH	San Mateo Co. BI	Higher	561, 0.106, WSW
I137	SUSHI YOSHIZUMI	325 4TH	San Mateo Co. BI	Higher	561, 0.106, WSW
J138	AUTOTRONICS AUTO REP	609 S CLAREMONT ST	RCRA NonGen / NLR	Higher	562, 0.106, SSE
J139	AUTOTRONICS AUTO REP	609 S CLAREMONT ST	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	562, 0.106, SSE
J140	NEW LOOK AUTO BODY &	609 S CLAREMONT ST	RCRA-SQG, San Mateo Co. BI, EMI, HAZNET, CERS,...	Higher	562, 0.106, SSE
F141	3RD AVE LANDFILL SAN	3RD AVE	WMUDS/SWAT, WDS	Higher	570, 0.108, West
J142	MBZ SOLUTIONS	615 CLAREMONT	San Mateo Co. BI	Higher	575, 0.109, SSE
F143	RED CRAWFISH	401 3RD	San Mateo Co. BI	Higher	576, 0.109, WNW
J144	EURASIAN AUTO REPAIR	635 S CLAREMONT ST	RCRA NonGen / NLR	Higher	616, 0.117, SSE
J145	AS AUTO SERVICE	635 CLAREMONT	San Mateo Co. BI	Higher	616, 0.117, SSE
K146	PACIFIC PERFORMANCE	608 RAILROAD	San Mateo Co. BI	Higher	617, 0.117, South
H147	SAN MATEO ARTISTIC I	317 6TH	San Mateo Co. BI	Higher	623, 0.118, SSW
K148	KEN GRIFFIN AUTO	612 RAILROAD	San Mateo Co. BI	Higher	626, 0.119, South
I149	AMOUR AMOUR CAFE	305 4TH	San Mateo Co. BI	Higher	645, 0.122, WSW
J150	PRECISION AUTO CARE	639 S CLAREMONT ST	RCRA NonGen / NLR	Higher	657, 0.124, SSE
J151	AUTOCRAFT INC	639 S CLAREMONT ST	RCRA NonGen / NLR	Higher	657, 0.124, SSE
J152	APS ENTERPRISES, INC	639 CLAREMONT	San Mateo Co. BI	Higher	657, 0.124, SSE
L153	IZMIRIAN ROOFING & S	207 CLAREMONT	LUST, CA FID UST, San Mateo Co. BI, Cortese, HIST...	Higher	658, 0.125, NW
K154	STALLINGS PAINTING	628 RAILROAD	San Mateo Co. BI	Higher	663, 0.126, South
I155	IZAKAYA GINJI	301 4TH	San Mateo Co. BI	Higher	667, 0.126, WSW
H156	TALBOTS CYCLERY	415 B	San Mateo Co. BI	Higher	684, 0.130, SW

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H157	TALBOTS CYCLERY OF S	415 S B STREET	RCRA NonGen / NLR	Higher	684, 0.130, SW
I158	YOGURTOUILLE	407 B	San Mateo Co. BI	Higher	685, 0.130, SW
M159	ATHENA GYROS	312 3RD	San Mateo Co. BI	Higher	687, 0.130, West
E160	METROPOLITAN APARTME	337 TO 440 SOUTH FRE	CPS-SLIC	Lower	688, 0.130, NE
J161	SUTTER VNA & HOSPICE	700 CLAREMONT	San Mateo Co. BI	Higher	690, 0.131, SSE
I162	TOMATINA	401 B	San Mateo Co. BI	Higher	702, 0.133, SW
H163	THE RAVIOLI HOUSE	505 B	San Mateo Co. BI	Higher	707, 0.134, SSW
I164	PANCHO VILLA	365 B	San Mateo Co. BI	Higher	711, 0.135, WSW
I165	BEAN STREET COFFEE	359 B	San Mateo Co. BI	Higher	713, 0.135, WSW
N166	VICTOR CATANZARO (CH	727 EAST 3RD AVENUE	LUST, Cortese, HIST CORTESE, CERS	Lower	727, 0.138, North
K167	EUROPEAN CAR CARE	316 6TH AVE	CERS HAZ WASTE, CERS, HWTS	Higher	731, 0.138, South
K168	EUROPEAN CAR CARE	316 6TH AVE	RCRA NonGen / NLR	Higher	731, 0.138, South
K169	EUROPEAN CAR CARE	316 6TH	San Mateo Co. BI	Higher	731, 0.138, South
H170	CENTRAL CAFE	517 B	San Mateo Co. BI	Higher	733, 0.139, SSW
J171	EUROCRAFT AUTOBODY	649 S CLAREMONT ST	RCRA NonGen / NLR	Higher	736, 0.139, SSE
J172	HANSONS TECHNOLOGY	649 CLAREMONT	San Mateo Co. BI	Higher	736, 0.139, SSE
M173	CINEMARK 437	320 2ND AVE	San Mateo Co. BI, HAZNET, HWTS	Higher	745, 0.141, West
M174	437-CENTURY 12 SAN M	320 E 2ND AVE	RCRA NonGen / NLR	Higher	745, 0.141, West
K175	WHEEL WORKS # 8216	521 S B ST	RCRA NonGen / NLR	Higher	752, 0.142, SSW
K176	WHEEL WORKS #122149	521 B ST	CERS HAZ WASTE, CERS	Higher	752, 0.142, SSW
K177	HOWARD TIRE	521 B	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	752, 0.142, SSW
M178	LA SENDA PROPERTIES	307 SOUTH B STREET	RCRA NonGen / NLR	Higher	767, 0.145, WSW
M179	LA SENDA PROPERTIES	307 S. B. ST	RCRA NonGen / NLR	Higher	767, 0.145, WSW
L180	IZMIRIAN ROOFING & S	207 CLAREMONT	LUST, SWEEPS UST	Higher	770, 0.146, NW
O181	RANDY PAGAN	706 S. DELAWARE	RCRA NonGen / NLR	Higher	786, 0.149, SE
K182	FATHER NOEL & SONS	616 S RAILROAD AVE	SWEEPS UST, San Mateo Co. BI, HAZNET, HWTS	Higher	792, 0.150, South
L183	USAGI	505 2ND	San Mateo Co. BI	Higher	796, 0.151, NW
M184	PEETS COFFEE & TEA	255 3RD	San Mateo Co. BI	Higher	796, 0.151, West
L185	2ND AVE MARKET	503 2ND	San Mateo Co. BI	Higher	800, 0.152, NW
L186	2ND AVE MARKET	503 2ND	San Mateo Co. BI	Higher	800, 0.152, NW
187	METROPOLITAN APARTME	337/338 S FREMONT ST	LUST	Lower	803, 0.152, NNE
N188	STANDARD BRANDS PAIN	800 E THIRD STREET	HIST UST	Lower	813, 0.154, NNE
N189	STANDARD BRANDS PAIN	800 E 3RD AVE	HIST UST	Lower	813, 0.154, NNE
P190	WARD ANDERSON TRUSTE	400 B	San Mateo Co. BI	Higher	816, 0.155, SW
P191	WARD ANDERSON TRUSTE	400 S B ST	SWEEPS UST, CA FID UST	Higher	816, 0.155, SW
L192	KOKKO	509 2ND	San Mateo Co. BI	Higher	820, 0.155, NW
M193	B STREET & VINE	320 B	San Mateo Co. BI	Higher	840, 0.159, WSW
M194	NORTH BEACH PIZZA	240 3RD	San Mateo Co. BI	Higher	843, 0.160, West
M195	JSR KARP 6, LIMITED	318 SOUTH B STREET	RCRA NonGen / NLR	Higher	845, 0.160, WSW

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O196	SAN MATEO TRANSMISSI	707 S CLAREMONT ST	SWEEPS UST, CA FID UST	Higher	849, 0.161, SSE
O197	HILLSDALE TRANSMISSI	707 S CLAREMONT ST	RCRA NonGen / NLR	Higher	849, 0.161, SSE
O198	HILLSDALE TRANSMISSI	707 S CLAREMONT AVE	CERS HAZ WASTE, CERS	Higher	849, 0.161, SSE
O199	SAN MATEO TRANSMISSI	707 CLAREMONT	San Mateo Co. BI	Higher	849, 0.161, SSE
M200	LITTLE CHINA KITCHEN	215 3RD	San Mateo Co. BI	Higher	851, 0.161, West
M201	GANGNAM CHICKEN	213 3RD	San Mateo Co. BI	Higher	853, 0.162, West
P202	SPIEDO RESTAURANT	223 4TH	San Mateo Co. BI	Higher	854, 0.162, WSW
Q203	007 MOTORSPORT	704 RAILROAD	San Mateo Co. BI	Higher	855, 0.162, South
R204	HANSON TECH	412 2ND	SWEEPS UST, San Mateo Co. BI	Higher	857, 0.162, WNW
R205	T W AUTOMOTIVE LLC	412 2ND AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	857, 0.162, WNW
R206	T W AUTOMOTIVE LLC	412 2ND AVE	RCRA NonGen / NLR	Higher	857, 0.162, WNW
R207	RESIDENT	412 2ND AVE.	CA FID UST	Higher	857, 0.162, WNW
O208	THE HAWKINS CO	713 SO CLAREMONT ST	CERS HAZ WASTE, FINDS, EMI, CERS	Higher	861, 0.163, SSE
O209	HAWKINS CO	713 CLAREMONT	San Mateo Co. BI	Higher	861, 0.163, SSE
O210	EV AUTO SERVICE	713 CLAREMONT	San Mateo Co. BI	Higher	861, 0.163, SSE
O211	PENINSULA PUMP & EQU	713 S CLAREMONT ST	RCRA NonGen / NLR	Higher	861, 0.163, SSE
O212	EV AUTO SERVICE	713 S CLAREMONT ST	RCRA NonGen / NLR	Higher	861, 0.163, SSE
O213	HANSONS MERCEDES TEC	713 S CLAREMONT ST S	RCRA NonGen / NLR	Higher	861, 0.163, SSE
K214	CALLENDAR ASSOC	311 7TH AVE	SWEEPS UST, CA FID UST, San Mateo Co. BI	Higher	870, 0.165, South
M215	SUN CHINESE CUISINE	251 B	San Mateo Co. BI	Higher	871, 0.165, West
M216	CAJUN HOUSE 2	251 B	San Mateo Co. BI	Higher	871, 0.165, West
K217	BACEY AUTOMOTIVE	317 7TH	San Mateo Co. BI	Higher	883, 0.167, South
K218	BACEY AUTOMOTIVE	317 7TH AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	883, 0.167, South
K219	DIETERS GERMAN CAR R	309 7TH	San Mateo Co. BI	Higher	883, 0.167, South
K220	PENINSULA AUTOMOTIVE	317 7TH AVE	RCRA NonGen / NLR	Higher	883, 0.167, South
M221	3 AMIGOS	243 B	San Mateo Co. BI	Higher	889, 0.168, West
M222	PACIFIC CATCH	243 S B	San Mateo Co. BI	Higher	889, 0.168, West
M223	GOLDEN BOY PIZZA	234 MAIN	San Mateo Co. BI	Higher	893, 0.169, West
O224	WORLDPAC 9738 SAN MA	733 CLAREMONT	San Mateo Co. BI	Higher	898, 0.170, SSE
P225	AFC SUSHI @ DRAEGERS	222 4TH	San Mateo Co. BI	Higher	917, 0.174, SW
P226	DRAEGERS SUPERMARKET	222 4TH AVE	CERS HAZ WASTE, CERS TANKS, CERS	Higher	917, 0.174, SW
P227	DRAEGERS SUPERMARKET	222 4TH	San Mateo Co. BI	Higher	917, 0.174, SW
P228	DRAEGER'S SUPERMARKE	222 E 4TH AVE	RCRA NonGen / NLR	Higher	917, 0.174, SW
229	DAREN DADALT	611 S. FREMONT ST.	RCRA NonGen / NLR	Lower	918, 0.174, East
S230	AKI AUTO SERVICE	122 SO DELAWARE STRE	San Mateo Co. BI, EMI, CERS	Higher	925, 0.175, NW
S231	AKI AUTO SERVICE	122 S DELAWARE ST	RCRA NonGen / NLR	Higher	925, 0.175, NW
S232	AKI AUTO SERVICE	122 S DELAWARE	CERS HAZ WASTE, CERS	Higher	925, 0.175, NW
M233	SUBWAY	226 3RD	San Mateo Co. BI	Higher	928, 0.176, WSW
P234	MCGOVERNS BAR	215 4TH	San Mateo Co. BI	Higher	928, 0.176, WSW

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R235	TEA THE SEASON	220 MAIN	San Mateo Co. BI	Higher	930, 0.176, West
R236	JAPAN 2 RESTAURANT C	220 MAIN	San Mateo Co. BI	Higher	930, 0.176, West
R237	DASH	220 MAIN	San Mateo Co. BI	Higher	930, 0.176, West
T238	3 BEES COFFEE HOUSE	224 3RD	San Mateo Co. BI	Higher	935, 0.177, WSW
Q239	KATHYS CREATIVE KAKE	631 B	San Mateo Co. BI	Higher	937, 0.177, South
Q240	EVERY DAY BEIJING	637 B	San Mateo Co. BI	Higher	939, 0.178, South
Q241	EVERYDAY BEIJING	637 B	San Mateo Co. BI	Higher	939, 0.178, South
R242	FLETCHS	385 2ND	San Mateo Co. BI	Higher	941, 0.178, WNW
M243	LAS AMERICAS RESTAUR	254 B	San Mateo Co. BI	Higher	942, 0.178, West
M244	SAN MATEO LIQUORS	254 B	San Mateo Co. BI	Higher	942, 0.178, West
Q245	NEXT GEAR BIMMER MOT	308 7TH AVE	RCRA NonGen / NLR	Higher	946, 0.179, South
Q246	PALM AVE MOTORS AUTO	308 7TH AVE	RCRA NonGen / NLR	Higher	946, 0.179, South
Q247	PALM AVENUE MOTORS A	308 7TH AVE	CERS HAZ WASTE, CERS	Higher	946, 0.179, South
Q248	PALM AVENUE MOTORS A	308 7TH	San Mateo Co. BI	Higher	946, 0.179, South
P249	DRAEGERS	200 EAST 4TH AVENUE	LUST, Cortese, CERS	Higher	951, 0.180, SW
P250	DRAEGERS	200 E 4TH ST	LUST	Higher	951, 0.180, SW
R251	COLDSTONE CREAMERY	375 2ND	San Mateo Co. BI	Higher	959, 0.182, WNW
R252	COLDSTONE CREAMERY	375 2ND	San Mateo Co. BI	Higher	959, 0.182, WNW
M253	LOS DOS AMIGOS	246 B	San Mateo Co. BI	Higher	959, 0.182, West
M254	TENKA JAPANESE RESTA	246 B	San Mateo Co. BI	Higher	959, 0.182, West
P255	100 SWEET CAFE	205 4TH	San Mateo Co. BI	Higher	961, 0.182, WSW
P256	SERGIO PASTA SHOP	205 4TH	San Mateo Co. BI	Higher	961, 0.182, WSW
M257	HAPPY CAFE	250 B	San Mateo Co. BI	Higher	961, 0.182, West
M258	HAPPY RESTAURANT	250 B	San Mateo Co. BI	Higher	961, 0.182, West
U259	NEW YORK PIZZA LLC	219 B	San Mateo Co. BI	Higher	974, 0.184, West
R260	BEARD PAPA SWEETS CA	365 2ND	San Mateo Co. BI	Higher	976, 0.185, WNW
P261	MR PIZZA MAN	201 4TH	San Mateo Co. BI	Higher	977, 0.185, WSW
P262	MR PIZZA MAN	201 4TH	San Mateo Co. BI	Higher	977, 0.185, WSW
U263	MOONS FAMILY SPORTS	215 B	San Mateo Co. BI	Higher	979, 0.185, West
T264	SUSHI SAMS EDOMATA	218 3RD	San Mateo Co. BI	Higher	983, 0.186, WSW
T265	SIDEWALK JUICE	212 3RD	San Mateo Co. BI	Higher	1003, 0.190, WSW
V266	INTEGRITY MOTORS LLC	110 S CLAREMONT	RCRA NonGen / NLR	Higher	1005, 0.190, NW
V267	OTOS AUTOMOTIVE	110 SO CLAREMONT	HIST UST	Higher	1005, 0.190, NW
V268	LMP1 TOWING & AUTO R	110 S CLAREMONT ST	CERS HAZ WASTE, CERS	Higher	1005, 0.190, NW
V269	OTOS AUTOMOTIVE	110 S CLAREMONT ST	HIST UST	Higher	1005, 0.190, NW
V270	EV AUTO SERVICE LLC	110 S CLAREMONT ST	RCRA NonGen / NLR	Higher	1005, 0.190, NW
V271	LMP1 TOWING AND AUTO	110 S CLAREMONT ST	RCRA NonGen / NLR	Higher	1005, 0.190, NW
P272	SAN MATEO CENTRAL PA	315 S ELLSWORTH AVE	RCRA-SQG	Higher	1008, 0.191, WSW
W273	GOOD YEAR TIRE STORE	616 S B ST	LUST	Higher	1010, 0.191, South

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W274	KELLY MOORE PAINT CO	616 S B ST	CERS HAZ WASTE, CERS	Higher	1010, 0.191, South
W275	KELLY MOORE PAINT CO	616 S B ST	RCRA NonGen / NLR	Higher	1010, 0.191, South
W276	GOODYEAR TIRE & RUBB	616 B	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1010, 0.191, South
W277	KELLY MOORE PAINT CO	616 S B ST	RCRA NonGen / NLR	Higher	1010, 0.191, South
T278	LEVEL 236/ ATTIC	236 B	San Mateo Co. BI	Higher	1018, 0.193, West
279	VIRGINIA FLEMING	728 S. ELDORADO STRE	RCRA NonGen / NLR	Lower	1031, 0.195, ESE
R280	SHINOZAKI AUTOMOTIVE	115 S RAILROAD AVE	SWEEPS UST, CA FID UST	Higher	1041, 0.197, WNW
R281	CARLS AUTO BODY	111 S RAILROAD AVE	RCRA-SQG, San Mateo Co. BI	Higher	1048, 0.198, WNW
X282	ALL CAR AUTO PAINTIN	817 CLAREMONT	San Mateo Co. BI	Higher	1052, 0.199, SE
X283	ALL CAR AUTO PAINTIN	817 S CLAREMONT ST	RCRA NonGen / NLR	Higher	1052, 0.199, SE
X284	ALL CAR AUTO PAINTIN	817 S CLAREMONT ST	CERS HAZ WASTE, CERS	Higher	1052, 0.199, SE
U285	CHEESE STEAK SHOP	206 B	San Mateo Co. BI	Higher	1058, 0.200, West
T286	RESIDENCE	205 3RD	SWEEPS UST, San Mateo Co. BI	Higher	1061, 0.201, WSW
Y287	LOSK, GARRY	737 2ND AVENUE	RCRA NonGen / NLR	Lower	1061, 0.201, North
Y288	NEIGHBORHOOD MARKET	737 2ND	San Mateo Co. BI	Lower	1061, 0.201, North
289	OLYMPIAN OIL	901 E 003RD AVE	CA FID UST	Lower	1062, 0.201, North
U290	BRICK OVEN PIZZA	200 B	San Mateo Co. BI	Higher	1081, 0.205, West
U291	AD O LITH	168 B	San Mateo Co. BI	Higher	1082, 0.205, West
T292	DOWNTOWN CENTRAL PAR	315 ELLSWORTH	San Mateo Co. BI	Higher	1086, 0.206, WSW
T293	ACQUAPAZZA	201 3RD	San Mateo Co. BI	Higher	1087, 0.206, WSW
T294	ROTI INDIAN BISTRO	201 THIRD	San Mateo Co. BI	Higher	1087, 0.206, WSW
Q295	YUPPIE	709 B	San Mateo Co. BI	Higher	1095, 0.207, South
Q296	C 3 AUTO INC	315 8TH AVE	RCRA NonGen / NLR	Higher	1116, 0.211, South
Q297	PRESTIGE AUTOWORKS	315 8TH	San Mateo Co. BI	Higher	1116, 0.211, South
V298	AUTO EUROPA BODY & P	400 1ST AVE	RCRA-VSQG, FINDS, ECHO, EMI, HAZNET, CERS, HWTS	Higher	1119, 0.212, WNW
U299	NARU BENTO	220 2ND	San Mateo Co. BI	Higher	1129, 0.214, West
U300	SWEET BREAMS	220 2ND	San Mateo Co. BI	Higher	1129, 0.214, West
X301	SAN MATEO TIRE & BRA	829 CLAREMONT	San Mateo Co. BI	Higher	1144, 0.217, SE
X302	SAN MATEO TIRE & BRA	829 S CLAREMONT	CERS HAZ WASTE, CERS	Higher	1144, 0.217, SE
X303	SAN MATEO TIRE AND B	829 S CLAREMONT ST	RCRA NonGen / NLR	Higher	1144, 0.217, SE
S304	WISNOMS HARDWARE	1ST & DELAWARE	San Mateo Co. BI	Higher	1149, 0.218, NW
T305	WALGREENS 3296	191 E 3RD AVE	RCRA-VSQG, FINDS, ECHO, San Mateo Co. BI, HAZNET,...	Higher	1150, 0.218, WSW
T306	WALGREENS #3296	191 E 3RD AVE	CERS HAZ WASTE, HAZNET, HWTS	Higher	1150, 0.218, WSW
T307	WALGREENS #3296	191 E 3RD AVE	RCRA-SQG	Higher	1150, 0.218, WSW
U308	IZAKAYA MAI	212 2ND	San Mateo Co. BI	Higher	1155, 0.219, West
U309	IZAKAYA "MAI"	212 2ND	San Mateo Co. BI	Higher	1155, 0.219, West
T310	AARON BROTHERS #0221	180 E 3RD AVE	RCRA NonGen / NLR	Higher	1156, 0.219, WSW
T311	AARON BROTHER #221	180 3RD	San Mateo Co. BI	Higher	1156, 0.219, WSW
V312	EUROPEAN MOTORS	408 1ST	San Mateo Co. BI	Higher	1157, 0.219, NW

MAPPED SITES SUMMARY

Target Property Address:
524 E. 4TH AVENUE
SAN MATEO, CA 94402

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
313	GRAMERCY ON THE PARK	555 LAUREL	San Mateo Co. BI	Higher	1158, 0.219, SSW
Y314	RICARDO RUIZ	724 1ST AVE	RCRA NonGen / NLR	Lower	1162, 0.220, NNW
Z315	CITY OF SAN MATEO	901 3RD	LUST, Cortese, HIST CORTESE, CERS	Lower	1162, 0.220, NNE
Z316	OLYMPIAN OIL	901 E 3RD AVE	LUST, SWEEPS UST, HIST UST	Lower	1162, 0.220, NNE
AA317	DOMINOS PIZZA	169 4TH	San Mateo Co. BI	Higher	1162, 0.220, WSW
V318	AUTO EUROPA	402 1ST	San Mateo Co. BI	Higher	1172, 0.222, WNW
AB319	DESSERT REPUBLIC	138 MAIN	San Mateo Co. BI	Higher	1176, 0.223, WNW
U320	THAI SPICES	204 2ND	San Mateo Co. BI	Higher	1183, 0.224, West
U321	SUSHI 85	204 2ND	San Mateo Co. BI	Higher	1183, 0.224, West
U322	KITCHO RESTAURANT	204 2ND	San Mateo Co. BI	Higher	1183, 0.224, West
U323	R NU IT (FORMER)	200 EAST SECOND AVEN	ENVIROSTOR, CPS-SLIC, CERS	Higher	1187, 0.225, West
U324	J&J ONE HOUR MARTINI	200 E 2ND AVE	RCRA-SQG	Higher	1187, 0.225, West
U325	BLUE SKY CLEANERS	200 2ND AVE	RCRA NonGen / NLR	Higher	1187, 0.225, West
U326	BLUE SKY CLEANERS	200 2ND AVE	San Mateo Co. BI, DRYCLEANERS, HWTS	Higher	1187, 0.225, West
U327	HIMAWARI TEI LLC	202 2ND	San Mateo Co. BI	Higher	1190, 0.225, West
AA328	TEAWAY/ TUTTIMELON	165 4TH	San Mateo Co. BI	Higher	1204, 0.228, WSW
AA329	HONEYBERRY	165 4TH	San Mateo Co. BI	Higher	1204, 0.228, WSW
AA330	CHATIME	165 4TH	San Mateo Co. BI	Higher	1204, 0.228, WSW
AA331	HONEY BERRY	165 4TH	San Mateo Co. BI	Higher	1204, 0.228, WSW
AA332	BOMBAY GARDEN	172 3RD	San Mateo Co. BI	Higher	1205, 0.228, WSW
333	WISNOMS HARDWARE	545 1ST	LUST, Cortese, CERS	Higher	1212, 0.230, NW
AC334	ALFREDOS AUTO REPAIR	316 8TH AVE	CERS HAZ WASTE, CERS	Higher	1214, 0.230, SSE
AC335	THE GARAGE	316 8TH AVE	SWEEPS UST, HWTS	Higher	1214, 0.230, SSE
AC336	THE GARAGE	316 8TH	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1214, 0.230, SSE
AC337	ALFREDO AUTO REPAIR	316 8TH AVE	RCRA NonGen / NLR	Higher	1214, 0.230, SSE
AA338	SO GONG DONG TOFU HO	150 4TH	San Mateo Co. BI	Higher	1218, 0.231, SW
AA339	HUMMUS MEDITERRANEAN	150 4TH	San Mateo Co. BI	Higher	1218, 0.231, SW
X340	LONGS DRUG STORES #3	872 DELAWARE	San Mateo Co. BI	Lower	1227, 0.232, SE
X341	PENINSULA PHOTOGRAPH	517 9TH AVE UNIT A	RCRA-SQG, FINDS, ECHO, San Mateo Co. BI	Lower	1230, 0.233, SE
U342	ST MATTHEWS BLDG	215 2ND	San Mateo Co. BI	Higher	1230, 0.233, West
AC343	ATLAS ELECTRIC CO IN	811 SO B STREET	HIST UST	Higher	1233, 0.234, SSE
AC344	ELESCO	811 S B ST	SWEEPS UST, CA FID UST, San Mateo Co. BI	Higher	1233, 0.234, SSE
AC345	ATLAS ELECTRIC CO. I	811 S B ST	HIST UST	Higher	1233, 0.234, SSE
X346	ALL CAR AUTO PAINTIN	501 NINTH AVE	RCRA-SQG	Lower	1233, 0.234, SE
X347	ALL CAR AUTO PAINTIN	501 9TH AVENUE	San Mateo Co. BI, EMI, CERS	Lower	1233, 0.234, SE
X348	ALL CAR AUTO PAINTIN	501 NINTH AVE.	CERS HAZ WASTE, CERS	Lower	1233, 0.234, SE
AB349	TEST FACILITYT	111 MAIN	LUST	Higher	1243, 0.235, WNW
U350	BEN TRE	213 2ND	San Mateo Co. BI	Higher	1246, 0.236, West
U351	MARU MARU	213 2ND	San Mateo Co. BI	Higher	1246, 0.236, West

MAPPED SITES SUMMARY

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AD352	THE STRATFORD	601 LAUREL	San Mateo Co. BI	Higher	1249, 0.237, SSW
AD353	THE STRATFORD	601 LAUREL AVE	RCRA NonGen / NLR	Higher	1249, 0.237, SSW
AC354	CARL'S CLEANERS	801 S B ST	RCRA-SQG, San Mateo Co. BI, DRYCLEANERS, EMI, HWTS	Higher	1262, 0.239, South
AC355	FORMER CARL'S CLEANE	801 SOUTH B STREET	ENVIROSTOR, VCP	Higher	1262, 0.239, South
AC356	CARL'S DRY CLEANERS	801 SOUTH B STREET	CPS-SLIC	Higher	1262, 0.239, South
AC357	TWINKLE CLEANERS	801 S B ST	RCRA NonGen / NLR	Higher	1262, 0.239, South
AA358	PIZZA MY HEART SAN M	140 4TH	San Mateo Co. BI	Higher	1272, 0.241, SW
AE359	CHILTON AUTO BODY IN	401 1ST	San Mateo Co. BI	Higher	1283, 0.243, WNW
AE360	NEW WAVE AUTO BODY	401 FIRST ST	SWEEPS UST	Higher	1283, 0.243, WNW
AE361	CHILTON AUTO BODY IN	401 1ST AVE	CERS HAZ WASTE, CERS	Higher	1283, 0.243, WNW
AE362	D J S	401 FIRST AVE	RCRA-SQG	Higher	1283, 0.243, WNW
AE363	NEW WAVE	401 1ST	San Mateo Co. BI	Higher	1283, 0.243, WNW
AF364	EVERYBODYS MARKET	916 4TH	San Mateo Co. BI	Lower	1284, 0.243, NE
AC365	RAMEN DOJO	805 B	San Mateo Co. BI	Higher	1291, 0.245, South
AG366	BAY WATCH	201 2ND	San Mateo Co. BI	Higher	1296, 0.245, West
AH367	GOLDEN ISLAND CAFE	146 3RD	San Mateo Co. BI	Higher	1311, 0.248, WSW
AH368	BEST OF BURMA	146 3RD	San Mateo Co. BI	Higher	1311, 0.248, WSW
AA369	SHIHLIN TAIWAN STREE	142 3RD	San Mateo Co. BI	Higher	1313, 0.249, WSW
AH370	RAVE BURGER	144 3RD	San Mateo Co. BI	Higher	1314, 0.249, WSW
AB371	SMB PROPERTIES	226 1ST	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1368, 0.259, WNW
AB372	SAN MATEO DOWNTOWN T	1ST & NORTH B	LUST, CPS-SLIC, CERS	Higher	1371, 0.260, WNW
AF373	HUMBOLDT SQUARE	304 - 316 S. HUMBOLD	ENVIROSTOR, VCP	Lower	1404, 0.266, NE
AD374	MILLBRAE SCHOOL WARE	700 LAUREL	HIST CORTESE	Higher	1477, 0.280, SSW
AG375	FIRE STATION #1	120 S ELLSWORTH	LUST, SWEEPS UST, HIST UST	Higher	1511, 0.286, West
AG376	CITY OF SAN MATEO,FI	120 SOUTH ELLSWORTH	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	1511, 0.286, West
377	CITY OF SAN MATEO	0 3RD AVE & HUMBOLDT	LUST, Cortese, CERS	Lower	1587, 0.301, NNE
AI378	CITY OF SAN MATEO,FI	120 ELLSWORTH	LUST	Higher	1644, 0.311, West
AJ379	922-980 SOUTH CLAREM	922-980 SOUTH CLAREM	CPS-SLIC	Lower	1759, 0.333, SSE
AI380	MILLS HEALTH CENTER	100 S. SAN MATEO DR.	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	1791, 0.339, West
AI381	MILLS HOSPITAL	100 SAN MATEO	LUST, Cortese, HIST CORTESE, CERS	Higher	1791, 0.339, West
AJ382	RIVENDELL III, LTD	980 CLAREMONT	LUST, HIST CORTESE, CERS	Lower	1851, 0.351, SE
AJ383	RIVENDELL III, LTD	980 S. CLAREMONT STR	LUST, Cortese	Lower	1851, 0.351, SE
AK384	SUNRISE CLEANERS	235 BALDWIN AVENUE	RCRA-SQG, CPS-SLIC, FINDS, ECHO, San Mateo Co. BI,...	Higher	1865, 0.353, West
AK385	BELLA MANGIETA	233 BALDWIN	ENVIROSTOR, LUST, San Mateo Co. BI, Cortese, CERS	Higher	1880, 0.356, WNW
AL386	RETAIL BUILDINGS	33-43 EAST 3RD AVENU	CPS-SLIC, CERS	Higher	1938, 0.367, WSW
387	BLU-WHITE LAUNDRY	80 NORTH B STREET	CPS-SLIC, CERS	Higher	1956, 0.370, WNW
AK388	MOBIL 99-MTE	5 SAN MATEO	LUST, HIST CORTESE	Higher	1956, 0.370, West
AL389	CHEVRON 9-0312	2 3RD	LUST	Higher	2058, 0.390, WSW
AL390	90312	2 E 3RD AVE	LUST, HIST UST	Higher	2058, 0.390, WSW

MAPPED SITES SUMMARY

Target Property Address:
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SAN MATEO, CA 94402

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AL391	CENTRAL CHEVRON	2 3RD	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2058, 0.390, WSW
392	K & B PRODUCTS INC	20 RAILROAD	ENVIROSTOR, CPS-SLIC, San Mateo Co. BI	Higher	2060, 0.390, NW
AK393	MOBIL 99-MTE	5 NORTH SAN MATEO	LUST, Cortese, CERS	Higher	2096, 0.397, West
AL394	A & A BEACON	221 SOUTH EL CAMINO	DEED	Higher	2100, 0.398, WSW
AL395	FORMERLY A&A GAS	221 S EL CAMINO REAL	LUST, SWEEPS UST, CA FID UST	Higher	2100, 0.398, WSW
AL396	A & A BEACON	221 SOUTH EL CAMINO	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2100, 0.398, WSW
397	CENTRAL PARK SOUTH A	31 9TH AVENUE	LUST, Cortese, CERS	Higher	2123, 0.402, SSW
AM398	A & A BEACON	221 EL CAMINO REAL	LUST	Higher	2215, 0.420, WSW
AM399	BP OIL #11197	230 EL CAMINO REAL	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2278, 0.431, WSW
AM400	BP OIL COMPANY FACIL	230 S EL CAMINO REAL	LUST, SWEEPS UST, CA FID UST	Higher	2278, 0.431, WSW
401	MILITARY FAMILY HOUS	726 AMPHLETT	San Mateo Co. BI, HIST CORTESE	Lower	2286, 0.433, ENE
AN402	NEDWICK & SON	1028 CLAREMONT	LUST	Lower	2293, 0.434, SE
AN403	NEDWICK & SON	1028 CLAREMONT	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	2293, 0.434, SE
404	SC PROPERTIES	120 S AMPHLETT BLVD	LUST, CPS-SLIC, San Mateo Co. BI, HAZNET, WDS,...	Lower	2375, 0.450, NNE
AO405	SHELL	94 SOUTH EL CAMINO R	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Higher	2401, 0.455, WSW
AO406	HILLSBOROUGH SHELL	94 S EL CAMINO REAL	LUST, CA FID UST	Higher	2401, 0.455, WSW
407	CHEVRON 9-0056	610 EL CAMINO REAL	LUST	Higher	2407, 0.456, SSW
408	PENINSULA REGENT	1 BALDWIN	LUST, San Mateo Co. BI, Cortese	Higher	2440, 0.462, West
AP409	BURLINGAME INDEPENDE	850 S AMPHLETT BLVD	LUST, HIST UST, San Mateo Co. BI, Cortese, HAZNET,...	Lower	2440, 0.462, East
AP410	SCANDIA CRAFT UPHOLS	1120 9TH	LUST, Cortese	Lower	2509, 0.475, East
AP411	SCANDIA CRAFT UPHOLS	1120 9TH	LUST, San Mateo Co. BI, HIST CORTESE, CERS	Lower	2509, 0.475, East
AN412	HONDA REPAIR	1101 RAILROAD	LUST	Lower	2517, 0.477, SSE
AQ413	THE TOWERS	20 WEST 3RD AVENUE	LUST, SWEEPS UST, Cortese, CERS	Higher	2553, 0.484, WSW
AQ414	THE TOWERS	20 3RD	LUST, San Mateo Co. BI, HIST CORTESE	Higher	2553, 0.484, WSW
AO415	SHELL	94 EL CAMINO REAL	LUST	Higher	2565, 0.486, WSW
416	VICTOR CLEANERS	1464 CARY AVE	RCRA-SQG, ENVIROSTOR, FINDS, ECHO, San Mateo Co....	Lower	3291, 0.623, ENE
417	THE SHOREVIEW COLLEC	220 N. BAYSHORE BOUL	ENVIROSTOR, VCP, HAZNET, NPDES, HWTS	Lower	4010, 0.759, North
418	TOP HAT CLEANERS	368 N ELLSWORTH AVE	ENVIROSTOR	Higher	4146, 0.785, NW
419	NEW NORTH CENTRAL EL	715 INDIAN AVENUE	ENVIROSTOR, SCH, HAZNET, CERS, HWTS	Lower	4379, 0.829, NNW
420	PACIFIC INSULATION	149 SOUTH	LUST, Cortese, HIST CORTESE, Notify 65, CERS	Lower	4530, 0.858, SSE
421	K MART	1700 DELAWARE	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	5167, 0.979, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing

Local Land Records

LIENS ---------- Environmental Liens Listing
LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System

CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing

NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
HWTS ---- Hazardous Waste Tracking System
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

EXECUTIVE SUMMARY

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO	***611 E THIRD***	***NNW 0 - 1/8 (0.101 mi.)***	***D108***	***324***
EPA ID:: CAR000127050				

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 10 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW LOOK AUTO BODY &	***609 S CLAREMONT ST***	***SSE 0 - 1/8 (0.106 mi.)***	***J140***	***422***
EPA ID:: CAD982336786				
SAN MATEO CENTRAL PA	315 S ELLSWORTH AVE	WSW 1/8 - 1/4 (0.191 mi.)	P272	665
EPA ID:: CAP000056622				
CARLS AUTO BODY	***111 S RAILROAD AVE***	***WNW 1/8 - 1/4 (0.198 mi.)***	***R281***	***689***
EPA ID:: CAD108367475				
WALGREENS #3296	191 E 3RD AVE	WSW 1/8 - 1/4 (0.218 mi.)	T307	846
EPA ID:: CAL000324266				
J&J ONE HOUR MARTINI	200 E 2ND AVE	W 1/8 - 1/4 (0.225 mi.)	U324	866
EPA ID:: CAD981631963				
CARL'S CLEANERS	***801 S B ST***	***S 1/8 - 1/4 (0.239 mi.)***	***AC354***	***930***
EPA ID:: CAD981578883				
D J S	401 FIRST AVE	WNW 1/8 - 1/4 (0.243 mi.)	AE362	960
EPA ID:: CAD981650849				

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOSCO NORTHWEST CO N	***609 E 4TH AVE***	***N 0 - 1/8 (0.038 mi.)***	***A30***	***104***
EPA ID:: CA0001038348				
PENINSULA PHOTOGRAPH	***517 9TH AVE UNIT A***	***SE 1/8 - 1/4 (0.233 mi.)***	***X341***	***900***
EPA ID:: CAD983628892				
ALL CAR AUTO PAINTIN	501 NINTH AVE	SE 1/8 - 1/4 (0.234 mi.)	X346	906
EPA ID:: CAD983656380				

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUTO EUROPA BODY & P EPA ID:: CAD035335686	***400 1ST AVE***	***WNW 1/8 - 1/4 (0.212 mi.)***	***V298***	***716***
WALGREENS 3296 EPA ID:: CAR000015123	***191 E 3RD AVE***	***WSW 1/8 - 1/4 (0.218 mi.)***	***T305***	***775***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/23/2021 has revealed that there are 11 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWNTOWN SAN MATEO O Facility Id: 60002987 Status: Active	***400 EAST 5TH AVENUE,***	***SSW 0 - 1/8 (0.093 mi.)***	***H95***	***286***
WARDROBE CLEANERS Facility Id: 41720094 Status: No Action Required	344 4TH AVE	SW 0 - 1/8 (0.103 mi.)	H115	360
R NU IT (FORMER) Facility Id: 41720088 Status: Refer: Other Agency	***200 EAST SECOND AVEN***	***W 1/8 - 1/4 (0.225 mi.)***	***U323***	***865***
FORMER CARL'S CLEANE Facility Id: 60003069 Status: Active	***801 SOUTH B STREET***	***S 1/8 - 1/4 (0.239 mi.)***	***AC355***	***942***
BELLA MANGIETA Facility Id: 41720090 Status: Refer: Other Agency	***233 BALDWIN***	***WNW 1/4 - 1/2 (0.356 mi.)***	***AK385***	***1011***
K & B PRODUCTS INC Facility Id: 60001044	***20 RAILROAD***	***NW 1/4 - 1/2 (0.390 mi.)***	***392***	***1030***

Status: Refer: 1248 Local Agency

TOP HAT CLEANERS Facility Id: 41720092 Status: No Action Required	368 N ELLSWORTH AVE	NW 1/2 - 1 (0.785 mi.)	418	1125

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUMBOLDT SQUARE Facility Id: 41880001 Status: Refer: Local Agency	***304 - 316 S. HUMBOLD***	***NE 1/4 - 1/2 (0.266 mi.)***	***AF373***	***970***
VICTOR CLEANERS Facility Id: 41720083 Status: Refer: Other Agency	***1464 CARY AVE***	***ENE 1/2 - 1 (0.623 mi.)***	***416***	***1114***
THE SHOREVIEW COLLEC Facility Id: 60002314 Status: No Further Action	***220 N. BAYSHORE BOUL***	***N 1/2 - 1 (0.759 mi.)***	***417***	***1120***
NEW NORTH CENTRAL EL Facility Id: 60002653 Status: Active	***715 INDIAN AVENUE***	***NNW 1/2 - 1 (0.829 mi.)***	***419***	***1126***

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 74 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #6390 Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Post remedial action monitoring	***402 DELAWARE***	***N 0 - 1/8 (0.006 mi.)***	***A2***	***11***
UNOCAL STATION #6390 Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed Global Id: T0608100632	***402 SOUTH DELAWARE S***	***N 0 - 1/8 (0.006 mi.)***	***A5***	***16***
UNOCAL SERVICE STATI Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Facility Id: 110069 Facility Status: 5C- Pollution Characterization Global ID: T0608100632	***402 S DELAWARE ST***	***N 0 - 1/8 (0.006 mi.)***	***A11***	***36***
RL LAZATIN Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019 Facility Id: 110005 Facility Status: 9- Case Closed Global ID: T0608100479	***407 S DELAWARE***	***NE 0 - 1/8 (0.019 mi.)***	***A19***	***70***
SHELL Database: LUST, Date of Government Version: 03/08/2021	***407 SOUTH DELAWARE S***	***NE 0 - 1/8 (0.019 mi.)***	***A22***	***73***

Status: Completed - Case Closed
Global Id: T0608100479

ARNOLD PEDERSON LUMB ***400 CLAREMONT*** ***WSW 0 - 1/8 (0.031 mi.)*** ***C28*** ***98***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110101
Facility Status: 9- Case Closed
Global Id: T0608100902
Global ID: T0608100902
date9: 11/21/2002

SOUTH CLAREMONT PROP 330 S CLAREMONT ST W 0 - 1/8 (0.046 mi.) C51 162
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 119190
Facility Status: 9- Case Closed
Global ID: T10000008305

ARCO #0515 300 S DELAWARE ST NW 0 - 1/8 (0.060 mi.) D55 183
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110012
Facility Status: 9- Case Closed
Global ID: T0608100034

ARCO #0515 ***300 DELAWARE*** ***NW 0 - 1/8 (0.060 mi.)*** ***D59*** ***192***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Remedial action (cleanup) Underway
Global Id: T0608100034

T. ENDO AUTOMOTIVE ***405 EAST 4TH AVENUE*** ***WSW 0 - 1/8 (0.067 mi.)*** ***C71*** ***227***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Preliminary site assessment underway
Facility Id: 110008
Facility Status: 9- Case Closed
Global Id: T0608100197
Global ID: T0608100197

ACCU-TUNE ***435 3RD*** ***WNW 0 - 1/8 (0.099 mi.)*** ***F97*** ***290***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0608100004
date9: 4/6/1998

ACCU-TUNE 435 E 3RD AVE WNW 0 - 1/8 (0.099 mi.) F101 311
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110048
Facility Status: 9- Case Closed
Global ID: T0608100004

WARDROBE CLEANERS ***335 E 4TH STREET*** ***WSW 0 - 1/8 (0.100 mi.)*** ***I105*** ***316***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019

Facility Id: 119202
Facility Status: 3B- Preliminary Assessment Underway
Global ID: T10000009149

SHELL STATION ***611 EAST 3RD AVENUE*** ***NNW 0 - 1/8 (0.101 mi.)*** ***D110*** ***328***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110154
Facility Status: 9- Case Closed
Global Id: T0608129773
Global ID: T0608129773

KENTUCKY FRIED CHICK 406 EAST THIRD AVENU W 0 - 1/8 (0.105 mi.) F134 404
Database: LUST, Date of Government Version: 03/08/2021
Status: Open - Site Assessment
Global Id: T10000013868

IZMIRIAN ROOFING & S ***207 CLAREMONT*** ***NW 0 - 1/8 (0.125 mi.)*** ***L153*** ***444***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110070
Facility Status: 9- Case Closed
Global Id: T0608100639
Global ID: T0608100639

HOWARD TIRE ***521 B*** ***SSW 1/8 - 1/4 (0.142 mi.)*** ***K177*** ***492***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110004
Facility Status: 9- Case Closed
Global Id: T0608100272
Global ID: T0608100272
date9: 4/20/1990

IZMIRIAN ROOFING & S ***207 CLAREMONT*** ***NW 1/8 - 1/4 (0.146 mi.)*** ***L180*** ***500***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 11/9/2000

DRAEGERS ***200 EAST 4TH AVENUE*** ***SW 1/8 - 1/4 (0.180 mi.)*** ***P249*** ***643***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608178405

DRAEGERS 200 E 4TH ST SW 1/8 - 1/4 (0.180 mi.) P250 645
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 119105
Facility Status: 9- Case Closed
Global ID: T0608178405

GOOD YEAR TIRE STORE 616 S B ST S 1/8 - 1/4 (0.191 mi.) W273 667
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 119117
Facility Status: 9- Case Closed
Global ID: T0608166129

GOODYEAR TIRE & RUBB ***616 B*** ***S 1/8 - 1/4 (0.191 mi.)*** ***W276*** ***679***
Database: LUST, Date of Government Version: 03/08/2021

Status: Completed - Case Closed
Global Id: T0608166129

WISNOMS HARDWARE ***545 1ST*** ***NW 1/8 - 1/4 (0.230 mi.)*** ***333*** ***876***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110132
Facility Status: 9- Case Closed
Global Id: T0608192798
Global ID: T0608192798
date9: 1/23/2001

THE GARAGE ***316 8TH*** ***SSE 1/8 - 1/4 (0.230 mi.)*** ***AC336*** ***893***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110067
Facility Status: 9- Case Closed
Global Id: T0608100540
Global ID: T0608100540
date9: 6/2/1998

TEST FACILITYT 111 MAIN WNW 1/8 - 1/4 (0.235 mi.) AB349 927
Database: LUST REG 2, Date of Government Version: 09/30/2004

SMB PROPERTIES ***226 1ST*** ***WNW 1/4 - 1/2 (0.259 mi.)*** ***AB371*** ***966***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110103
Facility Status: 9- Case Closed
Global Id: T0608100859
Global ID: T0608100859
date9: 1/2/1997

SAN MATEO DOWNTOWN T ***1ST & NORTH B*** ***WNW 1/4 - 1/2 (0.260 mi.)*** ***AB372*** ***969***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 119127
Facility Status: 9- Case Closed
Global ID: T0608106036

FIRE STATION #1 ***120 S ELLSWORTH*** ***W 1/4 - 1/2 (0.286 mi.)*** ***AG375*** ***973***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110064
Facility Id: 119138
Facility Status: 9- Case Closed
Global ID: T0608100246
Global ID: T0608182164

CITY OF SAN MATEO,FI ***120 SOUTH ELLSWORTH*** ***W 1/4 - 1/2 (0.286 mi.)*** ***AG376*** ***974***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608100246

CITY OF SAN MATEO,FI 120 ELLSWORTH W 1/4 - 1/2 (0.311 mi.) AI378 979
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Case Closed
date9: 11/20/1996

MILLS HEALTH CENTER ***100 S. SAN MATEO DR.*** ***W 1/4 - 1/2 (0.339 mi.)*** ***AI380*** ***980***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
Facility Id: 110096
Facility Status: 9- Case Closed
Global ID: T0608100840
date9: 1/28/1998

MILLS HOSPITAL ***100 SAN MATEO*** ***W 1/4 - 1/2 (0.339 mi.)*** ***AI381*** ***994***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608100840

BELLA MANGIETA ***233 BALDWIN*** ***WNW 1/4 - 1/2 (0.356 mi.)*** ***AK385*** ***1011***
Database: LUST, Date of Government Version: 03/08/2021
Status: Open - Assessment & Interim Remedial Action
Global Id: T0608125386

MOBIL 99-MTE ***5 SAN MATEO*** ***W 1/4 - 1/2 (0.370 mi.)*** ***AK388*** ***1024***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 7/2/1999

CHEVRON 9-0312 2 3RD WSW 1/4 - 1/2 (0.390 mi.) AL389 1025
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Post remedial action monitoring

90312 ***2 E 3RD AVE*** ***WSW 1/4 - 1/2 (0.390 mi.)*** ***AL390*** ***1025***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110017
Facility Status: 9- Case Closed
Global ID: T0608100123

CENTRAL CHEVRON ***2 3RD*** ***WSW 1/4 - 1/2 (0.390 mi.)*** ***AL391*** ***1026***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608100123

MOBIL 99-MTE ***5 NORTH SAN MATEO*** ***W 1/4 - 1/2 (0.397 mi.)*** ***AK393*** ***1032***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110065
Facility Status: 9- Case Closed
Global Id: T0608100343
Global ID: T0608100343

FORMERLY A&A GAS ***221 S EL CAMINO REAL*** ***WSW 1/4 - 1/2 (0.398 mi.)*** ***AL395*** ***1035***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110079
Facility Status: 9- Case Closed
Global ID: T0608100514

A & A BEACON ***221 SOUTH EL CAMINO*** ***WSW 1/4 - 1/2 (0.398 mi.)*** ***AL396*** ***1037***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608100514

CENTRAL PARK SOUTH A ***31 9TH AVENUE*** ***SSW 1/4 - 1/2 (0.402 mi.)*** ***397*** ***1046***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021

Status: Completed - Case Closed
Facility Id: 118170
Facility Status: 9- Case Closed
Global Id: T10000011175
Global ID: T10000011175

A & A BEACON | 221 EL CAMINO REAL | WSW 1/4 - 1/2 (0.420 mi.) | AM398 | 1049
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Remedial action (cleanup) Underway

BP OIL #11197 | ***230 EL CAMINO REAL*** | ***WSW 1/4 - 1/2 (0.431 mi.)*** | ***AM399*** | ***1050***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Pollution Characterization
Global Id: T0608100338

BP OIL COMPANY FACIL | ***230 S EL CAMINO REAL*** | ***WSW 1/4 - 1/2 (0.431 mi.)*** | ***AM400*** | ***1071***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110055
Facility Status: 5R- Remediation Plan
Global ID: T0608100338

SHELL | ***94 SOUTH EL CAMINO R*** | ***WSW 1/4 - 1/2 (0.455 mi.)*** | ***AO405*** | ***1083***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608100493

HILLSBOROUGH SHELL | ***94 S EL CAMINO REAL*** | ***WSW 1/4 - 1/2 (0.455 mi.)*** | ***AO406*** | ***1086***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110020
Facility Status: 9- Case Closed
Global ID: T0608100493

CHEVRON 9-0056 | 610 EL CAMINO REAL | SSW 1/4 - 1/2 (0.456 mi.) | 407 | 1087
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 12/30/2002

PENINSULA REGENT | ***1 BALDWIN*** | ***W 1/4 - 1/2 (0.462 mi.)*** | ***408*** | ***1087***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110029
Facility Status: 9- Case Closed
Global Id: T0608100390
Global ID: T0608100390
date9: 3/23/2000

THE TOWERS | ***20 WEST 3RD AVENUE*** | ***WSW 1/4 - 1/2 (0.484 mi.)*** | ***AQ413*** | ***1100***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110122
Facility Status: 9- Case Closed
Global Id: T0608101119
Global ID: T0608101119

THE TOWERS | ***20 3RD*** | ***WSW 1/4 - 1/2 (0.484 mi.)*** | ***AQ414*** | ***1112***
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Case Closed
date9: 9/2/1999

SHELL | 94 EL CAMINO REAL | WSW 1/4 - 1/2 (0.486 mi.) | AO415 | 1113
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 10/30/2001

Lower Elevation	Address	Direction / Distance	Map ID	Page

BP OIL COMPANY FACIL | ***609 E 4TH AVE*** | ***N 0 - 1/8 (0.038 mi.)*** | ***A32*** | ***107***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110044
Facility Status: 9- Case Closed
Global ID: T0608100078

BP OIL #11205 | ***609 4TH*** | ***N 0 - 1/8 (0.038 mi.)*** | ***A34*** | ***110***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Preliminary site assessment underway
Global Id: T0608100078

CHEVRON 9-5336 | ***602 4TH*** | ***NE 0 - 1/8 (0.045 mi.)*** | ***A40*** | ***141***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0608100844
date9: 11/20/2001

CHEVRON #5336 | ***602 E 4TH AVE*** | ***NE 0 - 1/8 (0.045 mi.)*** | ***A41*** | ***144***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110102
Facility Status: 9- Case Closed
Global ID: T0608100844

REGAL STATION #420 | ***706 E 4TH AVE*** | ***NE 0 - 1/8 (0.079 mi.)*** | ***E80*** | ***245***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110024
Facility Status: 9- Case Closed
Global ID: T0608100423

REGAL | ***706 EAST 4TH AVENUE*** | ***NE 0 - 1/8 (0.079 mi.)*** | ***E85*** | ***274***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Remedial action (cleanup) Underway
Global Id: T0608100423

UNION OIL SS#4178 | ***615 E 3RD AVE*** | ***NNW 0 - 1/8 (0.104 mi.)*** | ***G119*** | ***375***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110123
Facility Status: 5C- Pollution Characterization
Global ID: T0608101115

TOSCO #4178 | ***615 3RD*** | ***NNW 0 - 1/8 (0.104 mi.)*** | ***G126*** | ***379***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Remedial action (cleanup) Underway

TOSCO #4178 | ***615 EAST 3RD AVENUE*** | ***NNW 0 - 1/8 (0.104 mi.)*** | ***G128*** | ***380***
Database: LUST, Date of Government Version: 03/08/2021

Status: Open - Verification Monitoring
Global Id: T0608101115

VICTOR CATANZARO (CH ***727 EAST 3RD AVENUE*** ***N 1/8 - 1/4 (0.138 mi.)*** ***N166*** ***459***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 110028
Facility Status: 9- Case Closed
Global Id: T0608100611
Global ID: T0608100611
date9: 6/28/1999

METROPOLITAN APARTME 337/338 S FREMONT ST NNE 1/8 - 1/4 (0.152 mi.) 187 511
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 119152
Facility Status: 9- Case Closed
Global ID: T0608139308

CITY OF SAN MATEO ***901 3RD*** ***NNE 1/8 - 1/4 (0.220 mi.)*** ***Z315*** ***857***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0608100158
date9: 3/26/1996

OLYMPIAN OIL ***901 E 3RD AVE*** ***NNE 1/8 - 1/4 (0.220 mi.)*** ***Z316*** ***860***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 110033
Facility Status: 9- Case Closed
Global ID: T0608100158

CITY OF SAN MATEO ***0 3RD AVE & HUMBOLDT*** ***NNE 1/4 - 1/2 (0.301 mi.)*** ***377*** ***977***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 119120
Facility Status: 9- Case Closed
Global Id: T0608137644
Global ID: T0608137644

RIVENDELL III, LTD ***980 CLAREMONT*** ***SE 1/4 - 1/2 (0.351 mi.)*** ***AJ382*** ***996***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
Facility Id: 110047
Facility Status: 9- Case Closed
Global ID: T0608100612
date9: 3/16/2001

RIVENDELL III, LTD ***980 S. CLAREMONT STR*** ***SE 1/4 - 1/2 (0.351 mi.)*** ***AJ383*** ***997***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0608100612

NEDWICK & SON 1028 CLAREMONT SE 1/4 - 1/2 (0.434 mi.) AN402 1075
Database: LUST REG 2, Date of Government Version: 09/30/2004

Facility Status: Pollution Characterization

NEDWICK & SON ***1028 CLAREMONT*** ***SE 1/4 - 1/2 (0.434 mi.)*** ***AN403*** ***1076***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110104
Facility Status: 9- Case Closed
Global Id: T0608100886
Global ID: T0608100886

SC PROPERTIES ***120 S AMPHLETT BLVD*** ***NNE 1/4 - 1/2 (0.450 mi.)*** ***404*** ***1080***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Facility Id: 119165
Facility Status: 3B- Preliminary Assessment Underway
Global ID: SL0608173289

BURLINGAME INDEPENDE ***850 S AMPHLETT BLVD*** ***E 1/4 - 1/2 (0.462 mi.)*** ***AP409*** ***1091***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110098
Facility Status: 9- Case Closed
Global Id: T0608100812
Global ID: T0608100812

SCANDIA CRAFT UPHOLS ***1120 9TH*** ***E 1/4 - 1/2 (0.475 mi.)*** ***AP410*** ***1097***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 1/15/1998

SCANDIA CRAFT UPHOLS ***1120 9TH*** ***E 1/4 - 1/2 (0.475 mi.)*** ***AP411*** ***1097***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Facility Id: 110085
Facility Status: 9- Case Closed
Global Id: T0608100714
Global ID: T0608100714

HONDA REPAIR 1101 RAILROAD SSE 1/4 - 1/2 (0.477 mi.) AN412 1100
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Status: Case Closed
date9: 7/28/1999

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 12 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH CLAREMONT PROP	***330 S. CLAREMONT STR***	***W 0 - 1/8 (0.046 mi.)***	***C50***	***161***

Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed

Global Id: T10000008305

WARDROBE CLEANERS ***333 AND 335 EAST 4TH*** ***WSW 0 - 1/8 (0.100 mi.)*** ***I107*** ***323***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: T10000009149

R NU IT (FORMER) ***200 EAST SECOND AVEN*** ***W 1/8 - 1/4 (0.225 mi.)*** ***U323*** ***865***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: T10000013336

CARL'S DRY CLEANERS 801 SOUTH B STREET S 1/8 - 1/4 (0.239 mi.) AC356 944
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: T10000011323

SAN MATEO DOWNTOWN T ***1ST & NORTH B*** ***WNW 1/4 - 1/2 (0.260 mi.)*** ***AB372*** ***969***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T0608106036

SUNRISE CLEANERS ***235 BALDWIN AVENUE*** ***W 1/4 - 1/2 (0.353 mi.)*** ***AK384*** ***999***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Remediation
Global Id: T10000002679

RETAIL BUILDINGS ***33-43 EAST 3RD AVENU*** ***WSW 1/4 - 1/2 (0.367 mi.)*** ***AL386*** ***1022***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL0608122639

BLU-WHITE LAUNDRY ***80 NORTH B STREET*** ***WNW 1/4 - 1/2 (0.370 mi.)*** ***387*** ***1022***
Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Id: 41S0150
Facility Status: Open - Remediation
Global Id: SL1823H922

K & B PRODUCTS INC ***20 RAILROAD*** ***NW 1/4 - 1/2 (0.390 mi.)*** ***392*** ***1030***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Site Assessment
Global Id: SL0608137877

Lower Elevation	Address	Direction / Distance	Map ID	Page

METROPOLITAN APARTME 337 TO 440 SOUTH FRE NE 1/8 - 1/4 (0.130 mi.) E160 457
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T0608139308

922-980 SOUTH CLAREM 922-980 SOUTH CLAREM SSE 1/4 - 1/2 (0.333 mi.) AJ379 979
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Open - Long Term Management
Global Id: T10000012959

SC PROPERTIES ***120 S AMPHLETT BLVD*** ***NNE 1/4 - 1/2 (0.450 mi.)*** ***404*** ***1080***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SL0608173289

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TAD'S 76 #256390 Database: UST, Date of Government Version: 03/08/2021 Facility Id: 41-000-016955	402 S DELAWARE ST	N 0 - 1/8 (0.006 mi.)	A12	52
ARCO 00515 Database: UST, Date of Government Version: 03/08/2021 Facility Id: 41-000-016939	300 S DELAWARE ST	NW 0 - 1/8 (0.060 mi.)	D56	184
THIRD STREET SHELL # Database: UST, Date of Government Version: 03/08/2021 Facility Id: 41-000-004963	611 E 3RD AVE	NNW 0 - 1/8 (0.101 mi.)	D111	339

Lower Elevation	Address	Direction / Distance	Map ID	Page
GAS & SHOP Database: UST, Date of Government Version: 03/08/2021 Facility Id: FA0016917	609 E 4TH AVE	N 0 - 1/8 (0.038 mi.)	A35	115
TOM'S VALERO Database: UST, Date of Government Version: 03/08/2021	706 E 4TH AVE	NE 0 - 1/8 (0.079 mi.)	E81	246
SAN MATEO GAS CO Database: UST, Date of Government Version: 03/08/2021 Facility Id: PR0074737 Facility Id: FA0016957	706 E 4TH AVE	NE 0 - 1/8 (0.079 mi.)	E83	271
TOSCO #4178 Database: UST CLOSURE, Date of Government Version: 03/05/2021	615 EAST THIRD AVENU	NNW 0 - 1/8 (0.104 mi.)	G121	376

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JIFFY LUBE Database: AST, Date of Government Version: 07/06/2016	407 S DELAWARE	NE 0 - 1/8 (0.019 mi.)	A21	72

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 04/23/2021 has revealed that there are 3 VCP

sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWNTOWN SAN MATEO O	***400 EAST 5TH AVENUE,***	***SSW 0 - 1/8 (0.093 mi.)***	***H95***	***286***
Status: Active				
Facility Id: 60002987				
FORMER CARL'S CLEANE	***801 SOUTH B STREET***	***S 1/8 - 1/4 (0.239 mi.)***	***AC355***	***942***
Status: Active				
Facility Id: 60003069				

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUMBOLDT SQUARE	***304 - 316 S. HUMBOLD***	***NE 1/4 - 1/2 (0.266 mi.)***	***AF373***	***970***
Status: Refer: Local Agency				
Facility Id: 41880001				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3RD AVE LANDFILL SAN	***3RD AVE***	***W 0 - 1/8 (0.108 mi.)***	***F141***	***429***

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/19/2021 has revealed that there are 27 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	***402 S DELAWARE ST***	***N 0 - 1/8 (0.006 mi.)***	***A11***	***36***
JIFFY LUBE 1151	***407 S DELAWARE***	***NE 0 - 1/8 (0.019 mi.)***	***A18***	***57***
A M A TIRES & WHEELS	***525 E 4TH AVE***	***NW 0 - 1/8 (0.019 mi.)***	***A25***	***80***
ARCO 00515	***300 S DELAWARE ST***	***NW 0 - 1/8 (0.060 mi.)***	***D62***	***206***
PRECISION TUNE AUTO	***435 E 3RD AVE***	***WNW 0 - 1/8 (0.099 mi.)***	***F99***	***295***
THIRD STREET SHELL #	***611 E 3RD AVE***	***NNW 0 - 1/8 (0.101 mi.)***	***D114***	***343***
AUTO TECH MOTOR SERV	***601 S CLAREMONT ST***	***SSE 0 - 1/8 (0.103 mi.)***	***J118***	***365***
AUTOTRONICS AUTO REP	***609 S CLAREMONT ST***	***SSE 0 - 1/8 (0.106 mi.)***	***J139***	***410***
EUROPEAN CAR CARE	***316 6TH AVE***	***S 1/8 - 1/4 (0.138 mi.)***	***K167***	***462***
WHEEL WORKS #122149	***521 B ST***	***SSW 1/8 - 1/4 (0.142 mi.)***	***K176***	***484***
HILLSDALE TRANSMISSI	***707 S CLAREMONT AVE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***O198***	***521***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
T W AUTOMOTIVE LLC	*412 2ND AVE*	*WNW 1/8 - 1/4 (0.162 mi.)*	*R205*	*537*
THE HAWKINS CO	*713 SO CLAREMONT ST*	*SSE 1/8 - 1/4 (0.163 mi.)*	*O208*	*551*
BACEY AUTOMOTIVE	*317 7TH AVE*	*S 1/8 - 1/4 (0.167 mi.)*	*K218*	*577*
DRAEGERS SUPERMARKET	*222 4TH AVE*	*SW 1/8 - 1/4 (0.174 mi.)*	*P226*	*592*
AKI AUTO SERVICE	*122 S DELAWARE*	*NW 1/8 - 1/4 (0.175 mi.)*	*S232*	*615*
PALM AVENUE MOTORS A	*308 7TH AVE*	*S 1/8 - 1/4 (0.179 mi.)*	*Q247*	*634*
LMP1 TOWING & AUTO R	*110 S CLAREMONT ST*	*NW 1/8 - 1/4 (0.190 mi.)*	*V268*	*654*
KELLY MOORE PAINT CO	*616 S B ST*	*S 1/8 - 1/4 (0.191 mi.)*	*W274*	*667*
ALL CAR AUTO PAINTIN	*817 S CLAREMONT ST*	*SE 1/8 - 1/4 (0.199 mi.)*	*X284*	*697*
SAN MATEO TIRE & BRA	*829 S CLAREMONT*	*SE 1/8 - 1/4 (0.217 mi.)*	*X302*	*759*
WALGREENS #3296	*191 E 3RD AVE*	*WSW 1/8 - 1/4 (0.218 mi.)*	*T306*	*796*
ALFREDOS AUTO REPAIR	*316 8TH AVE*	*SSE 1/8 - 1/4 (0.230 mi.)*	*AC334*	*878*
CHILTON AUTO BODY IN	*401 1ST AVE*	*WNW 1/8 - 1/4 (0.243 mi.)*	*AE361*	*949*

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDYS BP INC DBA GAS	*609 E 4TH AVE*	*N 0 - 1/8 (0.038 mi.)*	*A37*	*117*
TOM'S VALERO	*706 E 4TH AVE*	*NE 0 - 1/8 (0.079 mi.)*	*E82*	*247*
ALL CAR AUTO PAINTIN	*501 NINTH AVE.*	*SE 1/8 - 1/4 (0.234 mi.)*	*X348*	*917*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 20 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI Status: A Tank Status: A Comp Number: 110087	*402 S DELAWARE ST*	*N 0 - 1/8 (0.006 mi.)*	*A11*	*36*
SAN MATEO LUMBER COM Comp Number: 110039	*501 S CLAREMONT ST*	*SSE 0 - 1/8 (0.059 mi.)*	*B52*	*162*
BP WEST COAST PRODUC Comp Number: 110070	*300 S DELAWARE ST*	*NW 0 - 1/8 (0.060 mi.)*	*D58*	*186*
THIRD AVENUE SHELL Status: A Tank Status: A Comp Number: 110114	*611 E 003RD*	*NNW 0 - 1/8 (0.079 mi.)*	*D89*	*282*
UNION OIL SERVICE ST Status: A Tank Status: A Comp Number: 110084	*615 E 003RD AVE*	*NNW 0 - 1/8 (0.091 mi.)*	*D94*	*285*
IZMIRIAN ROOFING & S Status: A	*207 CLAREMONT*	*NW 1/8 - 1/4 (0.146 mi.)*	*L180*	*500*

Comp Number: 110168				
FATHER NOEL & SONS	***616 S RAILROAD AVE***	***S 1/8 - 1/4 (0.150 mi.)***	***K182***	***504***
Comp Number: 110189				
WARD ANDERSON TRUSTE	***400 S B ST***	***SW 1/8 - 1/4 (0.155 mi.)***	***P191***	***513***
Comp Number: 110103				
SAN MATEO TRANSMISSI	***707 S CLAREMONT ST***	***SSE 1/8 - 1/4 (0.161 mi.)***	***O196***	***517***
Status: A				
Tank Status: A				
Comp Number: 110106				
HANSON TECH	***412 2ND***	***WNW 1/8 - 1/4 (0.162 mi.)***	***R204***	***536***
Comp Number: 110173				
CALLENDAR ASSOC	***311 7TH AVE***	***S 1/8 - 1/4 (0.165 mi.)***	***K214***	***574***
Status: A				
Comp Number: 110153				
SHINOZAKI AUTOMOTIVE	***115 S RAILROAD AVE***	***WNW 1/8 - 1/4 (0.197 mi.)***	***R280***	***687***
Status: A				
Tank Status: A				
Comp Number: 110131				
RESIDENCE	***205 3RD***	***WSW 1/8 - 1/4 (0.201 mi.)***	***T286***	***706***
Comp Number: 110196				
THE GARAGE	***316 8TH AVE***	***SSE 1/8 - 1/4 (0.230 mi.)***	***AC335***	***892***
Status: A				
Comp Number: 110146				
ELESCO	***811 S B ST***	***SSE 1/8 - 1/4 (0.234 mi.)***	***AC344***	***904***
Comp Number: 110054				
NEW WAVE AUTO BODY	401 FIRST ST	WNW 1/8 - 1/4 (0.243 mi.)	AE360	948
Comp Number: 110170				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP OIL COMPANY FACIL	***609 E 4TH AVE***	***N 0 - 1/8 (0.038 mi.)***	***A32***	***107***
Status: A				
Tank Status: A				
Comp Number: 110044				
CHEVRON #5336	***602 E 4TH AVE***	***NE 0 - 1/8 (0.045 mi.)***	***A41***	***144***
Status: A				
Tank Status: A				
Comp Number: 110002				
REGAL STATION #420	***706 E 4TH AVE***	***NE 0 - 1/8 (0.079 mi.)***	***E80***	***245***
Status: A				
Comp Number: 110089				
OLYMPIAN OIL	***901 E 3RD AVE***	***NNE 1/8 - 1/4 (0.220 mi.)***	***Z316***	***860***
Status: A				
Comp Number: 110115				

EXECUTIVE SUMMARY

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 24 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	***402 S DELAWARE ST***	***N 0 - 1/8 (0.006 mi.)***	***A11***	***36***
Facility Id: 00000030704				
RL LAZATIN	***407 S DELAWARE***	***NE 0 - 1/8 (0.019 mi.)***	***A19***	***70***
Facility Id: 00000000770				
SAN MATEO LUMBER COM	***501 S CLAREMONT ST***	***SSE 0 - 1/8 (0.059 mi.)***	***B52***	***162***
SAN MATEO LUMBER CO.	501 S CLAREMONT ST	SSE 0 - 1/8 (0.059 mi.)	B53	163
Facility Id: 00000018699				
WHA IN YUN	***300 SO DELAWARE***	***NW 0 - 1/8 (0.060 mi.)***	***D54***	***164***
WHA IN YUN	300 S DELAWARE ST	NW 0 - 1/8 (0.060 mi.)	D63	221
Facility Id: 00000026932				
SAINT MATTS SHELL	611 E THIRD AVE	NNW 0 - 1/8 (0.101 mi.)	D109	328
SHELL STATION	***611 EAST 3RD AVENUE***	***NNW 0 - 1/8 (0.101 mi.)***	***D110***	***328***
Facility Id: 00000028154				
OTOS AUTOMOTIVE	110 SO CLAREMONT	NW 1/8 - 1/4 (0.190 mi.)	V267	652
Facility Id: 00000028488				
OTOS AUTOMOTIVE	110 S CLAREMONT ST	NW 1/8 - 1/4 (0.190 mi.)	V269	659
Facility Id: 00000057003				
ATLAS ELECTRIC CO IN	811 SO B STREET	SSE 1/8 - 1/4 (0.234 mi.)	AC343	904
ATLAS ELECTRIC CO. I	811 S B ST	SSE 1/8 - 1/4 (0.234 mi.)	AC345	905
Facility Id: 00000011805				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP OIL COMPANY FACIL	***609 E 4TH AVE***	***N 0 - 1/8 (0.038 mi.)***	***A32***	***107***
Facility Id: 00000005823				
MOBIL SERVICE STATIO	609 E 4TH AVE	N 0 - 1/8 (0.038 mi.)	A33	109
Facility Id: 00000039502				
MOBIL OIL CORP	609 E FOURTH AVENUE	N 0 - 1/8 (0.038 mi.)	A38	140
CHEVRON #5336	***602 E 4TH AVE***	***NE 0 - 1/8 (0.045 mi.)***	***A41***	***144***
Facility Id: 00000062745				
95336	602 E 4TH ST	NE 0 - 1/8 (0.045 mi.)	A47	157
REGAL STATION #420	***706 E 4TH AVE***	***NE 0 - 1/8 (0.079 mi.)***	***E80***	***245***
Facility Id: 00000012456				
UNION OIL SS#4178	***615 E 3RD AVE***	***NNW 0 - 1/8 (0.104 mi.)***	***G119***	***375***
Facility Id: 00000004581				
UNION OIL SS 4178	615 EAST THIRD AVE	NNW 0 - 1/8 (0.104 mi.)	G123	377
UNION OIL SS# 4178	615 E 3RD AVE	NNW 0 - 1/8 (0.104 mi.)	G125	378
Facility Id: 00000060796				
STANDARD BRANDS PAIN	800 E THIRD STREET	NNE 1/8 - 1/4 (0.154 mi.)	N188	512
STANDARD BRANDS PAIN	800 E 3RD AVE	NNE 1/8 - 1/4 (0.154 mi.)	N189	512
Facility Id: 00000003322				
OLYMPIAN OIL	***901 E 3RD AVE***	***NNE 1/8 - 1/4 (0.220 mi.)***	***Z316***	***860***
Facility Id: 00000058730				

EXECUTIVE SUMMARY

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/19/2021 has revealed that there are 7 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	***402 S DELAWARE ST***	***N 0 - 1/8 (0.006 mi.)***	***A11***	***36***
JIFFY LUBE 1151	***407 S DELAWARE***	***NE 0 - 1/8 (0.019 mi.)***	***A18***	***57***
ARCO 00515	***300 S DELAWARE ST***	***NW 0 - 1/8 (0.060 mi.)***	***D62***	***206***
THIRD STREET SHELL #	***611 E 3RD AVE***	***NNW 0 - 1/8 (0.101 mi.)***	***D114***	***343***
DRAEGERS SUPERMARKET	***222 4TH AVE***	***SW 1/8 - 1/4 (0.174 mi.)***	***P226***	***592***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDYS BP INC DBA GAS	***609 E 4TH AVE***	***N 0 - 1/8 (0.038 mi.)***	***A37***	***117***
TOM'S VALERO	***706 E 4TH AVE***	***NE 0 - 1/8 (0.079 mi.)***	***E82***	***247***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 12 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN MATEO LUMBER COM Facility Id: 41004801 Status: A	***501 S CLAREMONT ST***	***SSE 0 - 1/8 (0.059 mi.)***	***B52***	***162***
BP WEST COAST PRODUC Facility Id: 41000065 Status: A	***300 S DELAWARE ST***	***NW 0 - 1/8 (0.060 mi.)***	***D58***	***186***
THIRD AVENUE SHELL Facility Id: 41004823 Status: A	***611 E 003RD***	***NNW 0 - 1/8 (0.079 mi.)***	***D89***	***282***
UNION OIL SERVICE ST Facility Id: 41004812 Status: A	***615 E 003RD AVE***	***NNW 0 - 1/8 (0.091 mi.)***	***D94***	***285***
IZMIRIAN ROOFING & S Facility Id: 41000293 Status: A	***207 CLAREMONT***	***NW 0 - 1/8 (0.125 mi.)***	***L153***	***444***
WARD ANDERSON TRUSTE Facility Id: 41000500 Status: A	***400 S B ST***	***SW 1/8 - 1/4 (0.155 mi.)***	***P191***	***513***
SAN MATEO TRANSMISSI Facility Id: 41003508 Status: A	***707 S CLAREMONT ST***	***SSE 1/8 - 1/4 (0.161 mi.)***	***O196***	***517***
RESIDENT Facility Id: 41002320 Status: I	412 2ND AVE.	WNW 1/8 - 1/4 (0.162 mi.)	R207	551
CALLENDAR ASSOC Facility Id: 41004831	***311 7TH AVE***	***S 1/8 - 1/4 (0.165 mi.)***	***K214***	***574***

Status: A

SHINOZAKI AUTOMOTIVE Facility Id: 41004827 Status: A	***115 S RAILROAD AVE***	***WNW 1/8 - 1/4 (0.197 mi.)***	***R280***	***687***
ELESCO Facility Id: 41004806 Status: A	***811 S B ST***	***SSE 1/8 - 1/4 (0.234 mi.)***	***AC344***	***904***

Lower Elevation	Address	Direction / Distance	Map ID	Page
OLYMPIAN OIL Facility Id: 41004769 Status: A	901 E 003RD AVE	N 1/8 - 1/4 (0.201 mi.)	289	710

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 03/02/2021 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A & A BEACON Status: COMPLETED - CASE CLOSED Envirostor ID: T0608100514	221 SOUTH EL CAMINO	WSW 1/4 - 1/2 (0.398 mi.)	AL394	1034

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 60 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TNT AUTO REPAIR EPA ID:: CAL000438162	402 S DELAWARE ST	N 0 - 1/8 (0.006 mi.)	A1	9
TAD'S 76 - 256390 EPA ID:: CAL000406759	402 S DELAWARE ST	N 0 - 1/8 (0.006 mi.)	A3	12
APRO LLC DBA UNITED EPA ID:: CAL000443764	402 DELAWARE ST	N 0 - 1/8 (0.006 mi.)	A8	31
AT AUTO CARE EPA ID:: CAL000397240	402 S DELAWARE ST	N 0 - 1/8 (0.006 mi.)	A10	34
JIFFY LUBE # 1151	407 S DELAWARE ST	NE 0 - 1/8 (0.019 mi.)	A17	54

EPA ID:: CAL000336618				
AMA TIRES EPA ID:: CAL000364127	525 E 4TH AVE	NW 0 - 1/8 (0.019 mi.)	A24	77
SERVICE PRESS INC EPA ID:: CAD047382031	***397 S CLAREMONT ST***	***WNW 0 - 1/8 (0.027 mi.)***	***A27***	***95***
HYBRID HOSPITAL INC EPA ID:: CAL000043591	330 S CLAREMONT ST	W 0 - 1/8 (0.046 mi.)	C49	158
BP WEST COAST PRODUC EPA ID:: CAL000414887	300 S DELAWARE ST	NW 0 - 1/8 (0.060 mi.)	D57	184
DELAWARE SMOG PROS EPA ID:: CAL000089587	300 S DELAWARE AVE	NW 0 - 1/8 (0.060 mi.)	D60	203
WINDY HILL PROPERTY EPA ID:: CAC003030043	304 S CLAREMONT ST	WNW 0 - 1/8 (0.069 mi.)	D73	240
PRECISION TUNE AUTO EPA ID:: CAL000363775	435 E 3RD AVE	WNW 0 - 1/8 (0.099 mi.)	F100	308
WARDROBE CLEANERS EPA ID:: CAL000292758	335 E 4TH AVE	WSW 0 - 1/8 (0.100 mi.)	I103	313
AU ENERGY-THIRD STRE EPA ID:: CAL000350793	611 E 3RD AVE	NNW 0 - 1/8 (0.101 mi.)	D112	340
AUTOTECH MOTOR SERVI EPA ID:: CAL000045411	601 S CLAREMONT	SSE 0 - 1/8 (0.103 mi.)	J116	361
3RD AND CLAREMONT OW EPA ID:: CAC003060514	406 E 3RD AVE	W 0 - 1/8 (0.105 mi.)	F130	398
3RD AND CLAREMONT HO EPA ID:: CAC003047683	406 E 3RD AVE	W 0 - 1/8 (0.105 mi.)	F131	400
AUTOTRONICS AUTO REP EPA ID:: CAL000365031	609 S CLAREMONT ST	SSE 0 - 1/8 (0.106 mi.)	J138	407
EURASIAN AUTO REPAIR EPA ID:: CAL000334760	635 S CLAREMONT ST	SSE 0 - 1/8 (0.117 mi.)	J144	432
PRECISION AUTO CARE EPA ID:: CAL000379201	639 S CLAREMONT ST	SSE 0 - 1/8 (0.124 mi.)	J150	438
AUTOCRAFT INC EPA ID:: CAL000446690	639 S CLAREMONT ST	SSE 0 - 1/8 (0.124 mi.)	J151	441
TALBOTS CYCLERY OF S EPA ID:: CAL000422172	415 S B STREET	SW 1/8 - 1/4 (0.130 mi.)	H157	454
EUROPEAN CAR CARE EPA ID:: CAL000354407	316 6TH AVE	S 1/8 - 1/4 (0.138 mi.)	K168	470
EUROCRAFT AUTOBODY EPA ID:: CAL000271737	649 S CLAREMONT ST	SSE 1/8 - 1/4 (0.139 mi.)	J171	474
437-CENTURY 12 SAN M EPA ID:: CAL000444468	320 E 2ND AVE	W 1/8 - 1/4 (0.141 mi.)	M174	479
WHEEL WORKS # 8216 EPA ID:: CAL000365225	521 S B ST	SSW 1/8 - 1/4 (0.142 mi.)	K175	482
LA SENDA PROPERTIES	307 SOUTH B STREET	WSW 1/8 - 1/4 (0.145 mi.)	M178	495
LA SENDA PROPERTIES	307 S. B. ST	WSW 1/8 - 1/4 (0.145 mi.)	M179	498
RANDY PAGAN EPA ID:: CAC002978953	706 S. DELAWARE	SE 1/8 - 1/4 (0.149 mi.)	O181	501
JSR KARP 6, LIMITED	318 SOUTH B STREET	WSW 1/8 - 1/4 (0.160 mi.)	M195	515

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HILLSDALE TRANSMISSI EPA ID:: CAL000284136	707 S CLAREMONT ST	SSE 1/8 - 1/4 (0.161 mi.)	O197	518
T W AUTOMOTIVE LLC EPA ID:: CAL000320047	412 2ND AVE	WNW 1/8 - 1/4 (0.162 mi.)	R206	548
PENINSULA PUMP & EQU EPA ID:: CAL000395643	713 S CLAREMONT ST	SSE 1/8 - 1/4 (0.163 mi.)	O211	566
EV AUTO SERVICE EPA ID:: CAL000452003	713 S CLAREMONT ST	SSE 1/8 - 1/4 (0.163 mi.)	O212	569
HANSONS MERCEDES TEC EPA ID:: CAL000362872	713 S CLAREMONT ST S	SSE 1/8 - 1/4 (0.163 mi.)	O213	571
PENINSULA AUTOMOTIVE EPA ID:: CAL000371515	317 7TH AVE	S 1/8 - 1/4 (0.167 mi.)	K220	588
DRAEGER'S SUPERMARKE EPA ID:: CAL000383296	222 E 4TH AVE	SW 1/8 - 1/4 (0.174 mi.)	P228	604
AKI AUTO SERVICE EPA ID:: CAL000183342	122 S DELAWARE ST	NW 1/8 - 1/4 (0.175 mi.)	S231	613
NEXT GEAR BIMMER MOT	308 7TH AVE	S 1/8 - 1/4 (0.179 mi.)	Q245	629
PALM AVE MOTORS AUTO EPA ID:: CAL000239830	308 7TH AVE	S 1/8 - 1/4 (0.179 mi.)	Q246	631
INTEGRITY MOTORS LLC EPA ID:: CAL000422470	110 S CLAREMONT	NW 1/8 - 1/4 (0.190 mi.)	V266	650
EV AUTO SERVICE LLC	110 S CLAREMONT ST	NW 1/8 - 1/4 (0.190 mi.)	V270	660
LMP1 TOWING AND AUTO	110 S CLAREMONT ST	NW 1/8 - 1/4 (0.190 mi.)	V271	662
KELLY MOORE PAINT CO EPA ID:: CAP000203539	616 S B ST	S 1/8 - 1/4 (0.191 mi.)	W275	676
KELLY MOORE PAINT CO EPA ID:: CAL000333634	616 S B ST	S 1/8 - 1/4 (0.191 mi.)	W277	682
ALL CAR AUTO PAINTIN EPA ID:: CAL000407364	817 S CLAREMONT ST	SE 1/8 - 1/4 (0.199 mi.)	X283	694
C 3 AUTO INC EPA ID:: CAL000408591	315 8TH AVE	S 1/8 - 1/4 (0.211 mi.)	Q296	712
SAN MATEO TIRE AND B EPA ID:: CAL000257039	829 S CLAREMONT ST	SE 1/8 - 1/4 (0.217 mi.)	X303	772
AARON BROTHERS #0221 EPA ID:: CAL000407516	180 E 3RD AVE	WSW 1/8 - 1/4 (0.219 mi.)	T310	851
BLUE SKY CLEANERS EPA ID:: CAL000309047	200 2ND AVE	W 1/8 - 1/4 (0.225 mi.)	U325	869
ALFREDO AUTO REPAIR EPA ID:: CAL000388448	316 8TH AVE	SSE 1/8 - 1/4 (0.230 mi.)	AC337	896
THE STRATFORD EPA ID:: CAL000413475	601 LAUREL AVE	SSW 1/8 - 1/4 (0.237 mi.)	AD353	928
TWINKLE CLEANERS EPA ID:: CAL000342697	801 S B ST	S 1/8 - 1/4 (0.239 mi.)	AC357	945

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANDYS BP INC DBA GAS	609 E 4TH AVE	N 0 - 1/8 (0.038 mi.)	A29	101

EPA ID:: CAL000283934				
CHEVRON STATION NO 9 EPA ID:: CAR000122697	***602 E 4TH AVE***	***NE 0 - 1/8 (0.045 mi.)***	***A44***	***147***
TOM'S VALERO EPA ID:: CAL000389587	706 E 4TH AVE	NE 0 - 1/8 (0.079 mi.)	E84	271
DAREN DADALT EPA ID:: CAC003058399	611 S. FREMONT ST.	E 1/8 - 1/4 (0.174 mi.)	229	607
VIRGINIA FLEMING	728 S. ELDORADO STRE	ESE 1/8 - 1/4 (0.195 mi.)	279	685
LOSK, GARRY EPA ID:: CAC002983668	737 2ND AVENUE	N 1/8 - 1/4 (0.201 mi.)	Y287	707
RICARDO RUIZ EPA ID:: CAC003057367	724 1ST AVE	NNW 1/8 - 1/4 (0.220 mi.)	Y314	855

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 02/20/2020 has revealed that there are 189 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #6390 Facility Id: FA0046458	***402 DELAWARE***	***N 0 - 1/8 (0.006 mi.)***	***A2***	***11***
UNOCAL STATION #6390 Facility Id: FA0016955 Facility Id: FA0051405	***402 SOUTH DELAWARE S***	***N 0 - 1/8 (0.006 mi.)***	***A5***	***16***
TNT AUTO REPAIR Facility Id: FA0064465	402 DELAWARE	N 0 - 1/8 (0.006 mi.)	A6	30
UNITED PACIFIC #2201 Facility Id: FA0065754	402 DELAWARE	N 0 - 1/8 (0.006 mi.)	A7	30
76 MART Facility Id: FA0023225	402 DELAWARE	N 0 - 1/8 (0.006 mi.)	A9	33
TACO BELL #30746 Facility Id: FA0065467 Facility Id: FA0056551	500 4TH	WSW 0 - 1/8 (0.010 mi.)	A14	53
TACO BELL #1295 Facility Id: FA0000815	500 4TH	WSW 0 - 1/8 (0.010 mi.)	A15	54
TAQUERIA LAS CASUELA Facility Id: FA0007286	517 4TH	NW 0 - 1/8 (0.016 mi.)	A16	54
SHELL Facility Id: FA0022717 Facility Id: FA0045191	***407 SOUTH DELAWARE S***	***NE 0 - 1/8 (0.019 mi.)***	***A22***	***73***
A M A TIRES & WHEELS Facility Id: FA0046510	525 4TH	NW 0 - 1/8 (0.019 mi.)	A23	76
PETERSON & ARNOLD PL Facility Id: FA0013310	421 5TH	SSW 0 - 1/8 (0.040 mi.)	B39	140
ARCO #0515 Facility Id: FA0016939	***300 DELAWARE***	***NW 0 - 1/8 (0.060 mi.)***	***D59***	***192***
WING FAT RESTAURANT	500 3RD	NW 0 - 1/8 (0.064 mi.)	D65	223

Facility Id: FA0001786				
LAS PALOMAS #2 Facility Id: FA0001634	512 3RD	NW 0 - 1/8 (0.067 mi.)	D66	224
LAS PALOMAS TAQUERIA Facility Id: FA0050836	504 3RD	NW 0 - 1/8 (0.067 mi.)	D68	226
LAS PALOMAS TAQUERIA Facility Id: FA0001576	504 3RD	NW 0 - 1/8 (0.067 mi.)	D69	227
T. ENDO AUTOMOTIVE Facility Id: FA0016985	***405 EAST 4TH AVENUE***	***WSW 0 - 1/8 (0.067 mi.)***	***C71***	***227***
SEVEN ELEVEN FOOD ST Facility Id: FA0001777	600 3RD	NNW 0 - 1/8 (0.073 mi.)	D75	243
7-ELEVEN INC. STORE Facility Id: FA0055313	600 3RD	NNW 0 - 1/8 (0.073 mi.)	D76	243
7 ELEVEN STORE #2366 Facility Id: FA0054665	600 3RD	NNW 0 - 1/8 (0.073 mi.)	D77	244
FUJI SUKIYAKI RESTAU Facility Id: FA0001785	428 3RD	WNW 0 - 1/8 (0.077 mi.)	D78	244
FUJI SUKIYAKI Facility Id: FA0050586	428 3RD	WNW 0 - 1/8 (0.077 mi.)	D79	244
SAIGON CITY AUTHENTI Facility Id: FA0001784	418 3RD	WNW 0 - 1/8 (0.079 mi.)	F88	281
QUALITY CLEANERS Facility Id: FA0014461	508 3RD	WNW 0 - 1/8 (0.080 mi.)	D90	283
JACK IN THE BOX #049 Facility Id: FA0065373 Facility Id: FA0002646	555 3RD	NW 0 - 1/8 (0.093 mi.)	D96	289
ACCU-TUNE Facility Id: FA0005578 Facility Id: FA0040343 Facility Id: FA0047821	***435 3RD***	***WNW 0 - 1/8 (0.099 mi.)***	***F97***	***290***
WARDROBE CLEANERS Facility Id: FA0024508 Facility Id: FA0056866	335 4TH	WSW 0 - 1/8 (0.100 mi.)	I104	315
SHELL STATION Facility Id: FA0004963	***611 EAST 3RD AVENUE***	***NNW 0 - 1/8 (0.101 mi.)***	***D110***	***328***
AUTO TECH MOTOR SERV Facility Id: FA0010371	***601 S CLAREMONT ST***	***SSE 0 - 1/8 (0.103 mi.)***	***J117***	***364***
KENTUCKY FRIED CHICK Facility Id: FA0001783	406 3RD	W 0 - 1/8 (0.105 mi.)	F132	403
UST SITE Facility Id: FA0067383	406 3RD	W 0 - 1/8 (0.105 mi.)	F133	404
LAKUNI Facility Id: FA0001796	325 4TH	WSW 0 - 1/8 (0.106 mi.)	I136	407
SUSHI YOSHIZUMI Facility Id: FA0057775	325 4TH	WSW 0 - 1/8 (0.106 mi.)	I137	407
NEW LOOK AUTO BODY & Facility Id: FA0016992	***609 S CLAREMONT ST***	***SSE 0 - 1/8 (0.106 mi.)***	***J140***	***422***

Facility Id: FA0048176 Facility Id: FA0050531				
MBZ SOLUTIONS Facility Id: FA0050532	615 CLAREMONT	SSE 0 - 1/8 (0.109 mi.)	J142	432
RED CRAWFISH Facility Id: FA0049130	401 3RD	WNW 0 - 1/8 (0.109 mi.)	F143	432
AS AUTO SERVICE Facility Id: FA0016977 Facility Id: FA0024512 Facility Id: FA0028119	635 CLAREMONT	SSE 0 - 1/8 (0.117 mi.)	J145	435
PACIFIC PERFORMANCE Facility Id: FA0033858	608 RAILROAD	S 0 - 1/8 (0.117 mi.)	K146	436
SAN MATEO ARTISTIC I Facility Id: FA0045327	317 6TH	SSW 0 - 1/8 (0.118 mi.)	H147	437
KEN GRIFFIN AUTO Facility Id: FA0013696	612 RAILROAD	S 0 - 1/8 (0.119 mi.)	K148	437
AMOUR AMOUR CAFE Facility Id: FA0052905	305 4TH	WSW 0 - 1/8 (0.122 mi.)	I149	438
APS ENTERPRISES, INC Facility Id: FA0027180 Facility Id: FA0028118	639 CLAREMONT	SSE 0 - 1/8 (0.124 mi.)	J152	443
IZMIRIAN ROOFING & S Facility Id: FA0013307	***207 CLAREMONT***	***NW 0 - 1/8 (0.125 mi.)***	***L153***	***444***
STALLINGS PAINTING Facility Id: FA0023723	628 RAILROAD	S 1/8 - 1/4 (0.126 mi.)	K154	452
IZAKAYA GINJI Facility Id: FA0045481	301 4TH	WSW 1/8 - 1/4 (0.126 mi.)	I155	453
TALBOTS CYCLERY Facility Id: FA0052226	415 B	SW 1/8 - 1/4 (0.130 mi.)	H156	453
YOGURTOUILLE Facility Id: FA0036947	407 B	SW 1/8 - 1/4 (0.130 mi.)	I158	456
ATHENA GYROS Facility Id: FA0026709	312 3RD	W 1/8 - 1/4 (0.130 mi.)	M159	457
SUTTER VNA & HOSPICE Facility Id: FA0024211	700 CLAREMONT	SSE 1/8 - 1/4 (0.131 mi.)	J161	458
TOMATINA Facility Id: FA0057305	401 B	SW 1/8 - 1/4 (0.133 mi.)	I162	458
THE RAVIOLI HOUSE Facility Id: FA0047838	505 B	SSW 1/8 - 1/4 (0.134 mi.)	H163	458
PANCHO VILLA Facility Id: FA0014873	365 B	WSW 1/8 - 1/4 (0.135 mi.)	I164	459
BEAN STREET COFFEE Facility Id: FA0027112	359 B	WSW 1/8 - 1/4 (0.135 mi.)	I165	459
EUROPEAN CAR CARE Facility Id: FA0022451	316 6TH	S 1/8 - 1/4 (0.138 mi.)	K169	473
CENTRAL CAFE Facility Id: FA0028531	517 B	SSW 1/8 - 1/4 (0.139 mi.)	H170	474
HANSONS TECHNOLOGY	649 CLAREMONT	SSE 1/8 - 1/4 (0.139 mi.)	J172	477

Facility Id: FA0010859 Facility Id: FA0027977				
CINEMARK 437 Facility Id: FA0027298	***320 2ND AVE***	***W 1/8 - 1/4 (0.141 mi.)***	***M173***	***478***
HOWARD TIRE Facility Id: FA0005175	***521 B***	***SSW 1/8 - 1/4 (0.142 mi.)***	***K177***	***492***
FATHER NOEL & SONS Facility Id: FA0015566 Facility Id: FA0017024	***616 S RAILROAD AVE***	***S 1/8 - 1/4 (0.150 mi.)***	***K182***	***504***
USAGI Facility Id: FA0050725	505 2ND	NW 1/8 - 1/4 (0.151 mi.)	L183	510
PEETS COFFEE & TEA Facility Id: FA0029149	255 3RD	W 1/8 - 1/4 (0.151 mi.)	M184	510
2ND AVE MARKET Facility Id: FA0047908	503 2ND	NW 1/8 - 1/4 (0.152 mi.)	L185	511
2ND AVE MARKET Facility Id: FA0053038	503 2ND	NW 1/8 - 1/4 (0.152 mi.)	L186	511
WARD ANDERSON TRUSTE Facility Id: FA0016694	400 B	SW 1/8 - 1/4 (0.155 mi.)	P190	513
KOKKO Facility Id: FA0032810	509 2ND	NW 1/8 - 1/4 (0.155 mi.)	L192	514
B STREET & VINE Facility Id: FA0030671	320 B	WSW 1/8 - 1/4 (0.159 mi.)	M193	514
NORTH BEACH PIZZA Facility Id: FA0001782	240 3RD	W 1/8 - 1/4 (0.160 mi.)	M194	515
SAN MATEO TRANSMISSI Facility Id: FA0016973 Facility Id: FA0022814 Facility Id: FA0028505	707 CLAREMONT	SSE 1/8 - 1/4 (0.161 mi.)	O199	533
LITTLE CHINA KITCHEN Facility Id: FA0007923	215 3RD	W 1/8 - 1/4 (0.161 mi.)	M200	534
GANGNAM CHICKEN Facility Id: FA0052497	213 3RD	W 1/8 - 1/4 (0.162 mi.)	M201	534
SPIEDO RESTAURANT Facility Id: FA0009586	223 4TH	WSW 1/8 - 1/4 (0.162 mi.)	P202	535
007 MOTORSPORT Facility Id: FA0035318	704 RAILROAD	S 1/8 - 1/4 (0.162 mi.)	Q203	535
HANSON TECH Facility Id: FA0010323 Facility Id: FA0013500 Facility Id: FA0035210	***412 2ND***	***WNW 1/8 - 1/4 (0.162 mi.)***	***R204***	***536***
HAWKINS CO Facility Id: FA0024332 Facility Id: FA0055225 Facility Id: FA0055226	713 CLAREMONT	SSE 1/8 - 1/4 (0.163 mi.)	O209	564
EV AUTO SERVICE Facility Id: FA0067333	713 CLAREMONT	SSE 1/8 - 1/4 (0.163 mi.)	O210	566
CALLENDAR ASSOC	***311 7TH AVE***	***S 1/8 - 1/4 (0.165 mi.)***	***K214***	***574***

Facility Id: FA0023213				
SUN CHINESE CUISINE Facility Id: FA0046020	251 B	W 1/8 - 1/4 (0.165 mi.)	M215	575
CAJUN HOUSE 2 Facility Id: FA0053987	251 B	W 1/8 - 1/4 (0.165 mi.)	M216	575
BACEY AUTOMOTIVE Facility Id: FA0035320 Facility Id: FA0052711	317 7TH	S 1/8 - 1/4 (0.167 mi.)	K217	576
DIETERS GERMAN CAR R Facility Id: FA0004514	309 7TH	S 1/8 - 1/4 (0.167 mi.)	K219	587
3 AMIGOS Facility Id: FA0001509	243 B	W 1/8 - 1/4 (0.168 mi.)	M221	590
PACIFIC CATCH Facility Id: FA0052973	243 S B	W 1/8 - 1/4 (0.168 mi.)	M222	590
GOLDEN BOY PIZZA Facility Id: FA0047935	234 MAIN	W 1/8 - 1/4 (0.169 mi.)	M223	591
WORLDPAC 9738 SAN MA Facility Id: FA0061792	733 CLAREMONT	SSE 1/8 - 1/4 (0.170 mi.)	O224	591
AFC SUSHI @ DRAEGERS Facility Id: FA0027368	222 4TH	SW 1/8 - 1/4 (0.174 mi.)	P225	592
DRAEGERS SUPERMARKET Facility Id: FA0023777	222 4TH	SW 1/8 - 1/4 (0.174 mi.)	P227	603
AKI AUTO SERVICE Facility Id: FA0014921 Facility Id: FA0025459 Facility Id: FA0052163	***122 SO DELAWARE STRE***	***NW 1/8 - 1/4 (0.175 mi.)***	***S230***	***609***
SUBWAY Facility Id: FA0009024	226 3RD	WSW 1/8 - 1/4 (0.176 mi.)	M233	625
MCGOVERNS BAR Facility Id: FA0005394	215 4TH	WSW 1/8 - 1/4 (0.176 mi.)	P234	625
TEA THE SEASON Facility Id: FA0028046	220 MAIN	W 1/8 - 1/4 (0.176 mi.)	R235	626
JAPAN 2 RESTAURANT C Facility Id: FA0051833	220 MAIN	W 1/8 - 1/4 (0.176 mi.)	R236	626
DASH Facility Id: FA0052275	220 MAIN	W 1/8 - 1/4 (0.176 mi.)	R237	626
3 BEES COFFEE HOUSE Facility Id: FA0022685	224 3RD	WSW 1/8 - 1/4 (0.177 mi.)	T238	627
KATHYS CREATIVE KAKE Facility Id: FA0002851	631 B	S 1/8 - 1/4 (0.177 mi.)	Q239	627
EVERY DAY BEIJING Facility Id: FA0006060	637 B	S 1/8 - 1/4 (0.178 mi.)	Q240	627
EVERYDAY BEIJING Facility Id: FA0057779	637 B	S 1/8 - 1/4 (0.178 mi.)	Q241	628
FLETCHS Facility Id: FA0047897	385 2ND	WNW 1/8 - 1/4 (0.178 mi.)	R242	628
LAS AMERICAS RESTAUR	254 B	W 1/8 - 1/4 (0.178 mi.)	M243	628

Facility Id: FA0001512				
SAN MATEO LIQUORS Facility Id: FA0040389	254 B	W 1/8 - 1/4 (0.178 mi.)	M244	629
PALM AVENUE MOTORS A Facility Id: FA0027177 Facility Id: FA0045519 Facility Id: FA0045572	308 7TH	S 1/8 - 1/4 (0.179 mi.)	Q248	642
COLDSTONE CREAMERY Facility Id: FA0053072	375 2ND	WNW 1/8 - 1/4 (0.182 mi.)	R251	645
COLDSTONE CREAMERY Facility Id: FA0028024	375 2ND	WNW 1/8 - 1/4 (0.182 mi.)	R252	645
LOS DOS AMIGOS Facility Id: FA0053832	246 B	W 1/8 - 1/4 (0.182 mi.)	M253	646
TENKA JAPANESE RESTA Facility Id: FA0024802	246 B	W 1/8 - 1/4 (0.182 mi.)	M254	646
100 SWEET CAFE Facility Id: FA0052920	205 4TH	WSW 1/8 - 1/4 (0.182 mi.)	P255	646
SERGIO PASTA SHOP Facility Id: FA0032424	205 4TH	WSW 1/8 - 1/4 (0.182 mi.)	P256	647
HAPPY CAFE Facility Id: FA0002855	250 B	W 1/8 - 1/4 (0.182 mi.)	M257	647
HAPPY RESTAURANT Facility Id: FA0056011	250 B	W 1/8 - 1/4 (0.182 mi.)	M258	647
NEW YORK PIZZA LLC Facility Id: FA0044980	219 B	W 1/8 - 1/4 (0.184 mi.)	U259	648
BEARD PAPA SWEETS CA Facility Id: FA0028063	365 2ND	WNW 1/8 - 1/4 (0.185 mi.)	R260	648
MR PIZZA MAN Facility Id: FA0025181	201 4TH	WSW 1/8 - 1/4 (0.185 mi.)	P261	648
MR PIZZA MAN Facility Id: FA0054377	201 4TH	WSW 1/8 - 1/4 (0.185 mi.)	P262	649
MOONS FAMILY SPORTS Facility Id: FA0005779	215 B	W 1/8 - 1/4 (0.185 mi.)	U263	649
SUSHI SAMS EDOMATA Facility Id: FA0001781	218 3RD	WSW 1/8 - 1/4 (0.186 mi.)	T264	649
SIDEWALK JUICE Facility Id: FA0056132	212 3RD	WSW 1/8 - 1/4 (0.190 mi.)	T265	650
GOODYEAR TIRE & RUBB Facility Id: FA0024690	***616 B***	***S 1/8 - 1/4 (0.191 mi.)***	***W276***	***679***
LEVEL 236/ ATTIC Facility Id: FA0046411	236 B	W 1/8 - 1/4 (0.193 mi.)	T278	685
CARLS AUTO BODY Facility Id: FA0017008 Facility Id: FA0048465 Facility Id: FA0049215 Facility Id: FA0052105	***111 S RAILROAD AVE***	***WNW 1/8 - 1/4 (0.198 mi.)***	***R281***	***689***
ALL CAR AUTO PAINTIN	817 CLAREMONT	SE 1/8 - 1/4 (0.199 mi.)	X282	693

Facility Id: FA0057970				
CHEESE STEAK SHOP Facility Id: FA0051613	206 B	W 1/8 - 1/4 (0.200 mi.)	U285	706
RESIDENCE Facility Id: FA0016073	***205 3RD***	***WSW 1/8 - 1/4 (0.201 mi.)***	***T286***	***706***
BRICK OVEN PIZZA Facility Id: FA0008577	200 B	W 1/8 - 1/4 (0.205 mi.)	U290	710
AD O LITH Facility Id: FA0013848	168 B	W 1/8 - 1/4 (0.205 mi.)	U291	710
DOWNTOWN CENTRAL PAR Facility Id: FA0025498	315 ELLSWORTH	WSW 1/8 - 1/4 (0.206 mi.)	T292	711
ACQUAPAZZA Facility Id: FA0022925	201 3RD	WSW 1/8 - 1/4 (0.206 mi.)	T293	711
ROTI INDIAN BISTRO Facility Id: FA0053834	201 THIRD	WSW 1/8 - 1/4 (0.206 mi.)	T294	712
YUPPIE Facility Id: FA0001522	709 B	S 1/8 - 1/4 (0.207 mi.)	Q295	712
PRESTIGE AUTOWORKS Facility Id: FA0005934 Facility Id: FA0045523 Facility Id: FA0058432	315 8TH	S 1/8 - 1/4 (0.211 mi.)	Q297	715
NARU BENTO Facility Id: FA0054487	220 2ND	W 1/8 - 1/4 (0.214 mi.)	U299	758
SWEET BREAMS Facility Id: FA0037597	220 2ND	W 1/8 - 1/4 (0.214 mi.)	U300	758
SAN MATEO TIRE & BRA Facility Id: FA0017043	829 CLAREMONT	SE 1/8 - 1/4 (0.217 mi.)	X301	758
WISNOMS HARDWARE Facility Id: FA0013586	1ST & DELAWARE	NW 1/8 - 1/4 (0.218 mi.)	S304	774
WALGREENS 3296 Facility Id: FA0026724	***191 E 3RD AVE***	***WSW 1/8 - 1/4 (0.218 mi.)***	***T305***	***775***
IZAKAYA MAI Facility Id: FA0055778	212 2ND	W 1/8 - 1/4 (0.219 mi.)	U308	850
IZAKAYA "MAI" Facility Id: FA0028844	212 2ND	W 1/8 - 1/4 (0.219 mi.)	U309	851
AARON BROTHER #221 Facility Id: FA0062514	180 3RD	WSW 1/8 - 1/4 (0.219 mi.)	T311	853
EUROPEAN MOTORS Facility Id: FA0005840	408 1ST	NW 1/8 - 1/4 (0.219 mi.)	V312	854
GRAMERCY ON THE PARK Facility Id: FA0065729	555 LAUREL	SSW 1/8 - 1/4 (0.219 mi.)	313	854
DOMINOS PIZZA Facility Id: FA0025316	169 4TH	WSW 1/8 - 1/4 (0.220 mi.)	AA317	862
AUTO EUROPA Facility Id: FA0016991 Facility Id: FA0045753	402 1ST	WNW 1/8 - 1/4 (0.222 mi.)	V318	862
DESSERT REPUBLIC	138 MAIN	WNW 1/8 - 1/4 (0.223 mi.)	AB319	863

Facility Id: FA0028309				
THAI SPICES Facility Id: FA0050275	204 2ND	W 1/8 - 1/4 (0.224 mi.)	U320	864
SUSHI 85 Facility Id: FA0056074	204 2ND	W 1/8 - 1/4 (0.224 mi.)	U321	864
KITCHO RESTAURANT Facility Id: FA0051537	204 2ND	W 1/8 - 1/4 (0.224 mi.)	U322	864
BLUE SKY CLEANERS Facility Id: FA0017040	***200 2ND AVE***	***W 1/8 - 1/4 (0.225 mi.)***	***U326***	***871***
HIMAWARI TEI LLC Facility Id: FA0001855	202 2ND	W 1/8 - 1/4 (0.225 mi.)	U327	874
TEAWAY/ TUTTIMELON Facility Id: FA0050276	165 4TH	WSW 1/8 - 1/4 (0.228 mi.)	AA328	874
HONEYBERRY Facility Id: FA0055801	165 4TH	WSW 1/8 - 1/4 (0.228 mi.)	AA329	875
CHATIME Facility Id: FA0057965	165 4TH	WSW 1/8 - 1/4 (0.228 mi.)	AA330	875
HONEY BERRY Facility Id: FA0052689	165 4TH	WSW 1/8 - 1/4 (0.228 mi.)	AA331	875
BOMBAY GARDEN Facility Id: FA0001396	172 3RD	WSW 1/8 - 1/4 (0.228 mi.)	AA332	876
THE GARAGE Facility Id: FA0022675 Facility Id: FA0045709	***316 8TH***	***SSE 1/8 - 1/4 (0.230 mi.)***	***AC336***	***893***
SO GONG DONG TOFU HO Facility Id: FA0046985	150 4TH	SW 1/8 - 1/4 (0.231 mi.)	AA338	899
HUMMUS MEDITERRANEAN Facility Id: FA0053188	150 4TH	SW 1/8 - 1/4 (0.231 mi.)	AA339	899
ST MATTHEWS BLDG Facility Id: FA0025850	215 2ND	W 1/8 - 1/4 (0.233 mi.)	U342	903
ELESCO Facility Id: FA0016926 Facility Id: FA0033674	***811 S B ST***	***SSE 1/8 - 1/4 (0.234 mi.)***	***AC344***	***904***
BEN TRE Facility Id: FA0057350	213 2ND	W 1/8 - 1/4 (0.236 mi.)	U350	927
MARU MARU Facility Id: FA0004525	213 2ND	W 1/8 - 1/4 (0.236 mi.)	U351	927
THE STRATFORD Facility Id: FA0012432	601 LAUREL	SSW 1/8 - 1/4 (0.237 mi.)	AD352	928
CARL'S CLEANERS Facility Id: FA0017016 Facility Id: FA0037334	***801 S B ST***	***S 1/8 - 1/4 (0.239 mi.)***	***AC354***	***930***
PIZZA MY HEART SAN M Facility Id: FA0025633	140 4TH	SW 1/8 - 1/4 (0.241 mi.)	AA358	947
CHILTON AUTO BODY IN Facility Id: FA0056965	401 1ST	WNW 1/8 - 1/4 (0.243 mi.)	AE359	948
NEW WAVE	401 1ST	WNW 1/8 - 1/4 (0.243 mi.)	AE363	963

Facility Id: FA0002445 Facility Id: FA0002461 Facility Id: FA0014778				
RAMEN DOJO Facility Id: FA0001523	805 B	S 1/8 - 1/4 (0.245 mi.)	AC365	964
BAY WATCH Facility Id: FA0004109	201 2ND	W 1/8 - 1/4 (0.245 mi.)	AG366	964
GOLDEN ISLAND CAFE Facility Id: FA0028065	146 3RD	WSW 1/8 - 1/4 (0.248 mi.)	AH367	965
BEST OF BURMA Facility Id: FA0057447	146 3RD	WSW 1/8 - 1/4 (0.248 mi.)	AH368	965
SHIHLIN TAIWAN STREE Facility Id: FA0026954	142 3RD	WSW 1/8 - 1/4 (0.249 mi.)	AA369	965
RAVE BURGER Facility Id: FA0029377	144 3RD	WSW 1/8 - 1/4 (0.249 mi.)	AH370	966

Lower Elevation	Address	Direction / Distance	Map ID	Page
GAS & SHOP Facility Id: FA0016917	609 4TH	N 0 - 1/8 (0.038 mi.)	A36	116
CHEVRON 9-5336 Facility Id: FA0016879	***602 4TH***	***NE 0 - 1/8 (0.045 mi.)***	***A40***	***141***
AL CARBON Facility Id: FA0057865	602 FOURTH	NE 0 - 1/8 (0.045 mi.)	A42	146
TACOS AL VAPOR NUEVA Facility Id: FA0048324	602 4TH	NE 0 - 1/8 (0.045 mi.)	A45	157
PANADERIA GUATEMALTE Facility Id: FA0046036	602 4TH	NE 0 - 1/8 (0.045 mi.)	A46	157
SUBWAY SANDWICH Facility Id: FA0040148	602 4TH	NE 0 - 1/8 (0.045 mi.)	A48	158
CLAUDIAS PASTES AND Facility Id: FA0053644	668 3RD	N 0 - 1/8 (0.067 mi.)	D70	227
REGAL Facility Id: FA0016957 Facility Id: FA0054086	***706 EAST 4TH AVENUE***	***NE 0 - 1/8 (0.079 mi.)***	***E85***	***274***
CHEVERON & SHOP Facility Id: FA0054047	706 4TH	NE 0 - 1/8 (0.079 mi.)	E86	280
TAQUERIA EL NAYARITA Facility Id: FA0002158	660 3RD	NNW 0 - 1/8 (0.085 mi.)	G92	284
ALBAYK Facility Id: FA0050381	670 3RD	N 0 - 1/8 (0.088 mi.)	G93	285
BANGKOK PATIO BAR AN Facility Id: FA0050264	615 3RD	NNW 0 - 1/8 (0.104 mi.)	G122	377
LITTLE CAESARS Facility Id: FA0044924	615 3RD	NNW 0 - 1/8 (0.104 mi.)	G124	378
TOSCO #4178 Facility Id: FA0016952	***615 3RD***	***NNW 0 - 1/8 (0.104 mi.)***	***G126***	***379***
BANGKOK PATIO	615 3RD	NNW 0 - 1/8 (0.104 mi.)	G127	380

Facility Id: FA0054371				
NEIGHBORHOOD MARKET Facility Id: FA0001763	737 2ND	N 1/8 - 1/4 (0.201 mi.)	Y288	709
LONGS DRUG STORES #3 Facility Id: FA0001583	872 DELAWARE	SE 1/8 - 1/4 (0.232 mi.)	X340	900
PENINSULA PHOTOGRAPH Facility Id: FA0024182	***517 9TH AVE UNIT A***	***SE 1/8 - 1/4 (0.233 mi.)***	***X341***	***900***
ALL CAR AUTO PAINTIN Facility Id: FA0014462	***501 9TH AVENUE***	***SE 1/8 - 1/4 (0.234 mi.)***	***X347***	***908***
EVERYBODYS MARKET Facility Id: FA0047980	916 4TH	NE 1/8 - 1/4 (0.243 mi.)	AF364	964

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/22/2021 has revealed that there are 37 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL STATION #6390 Cleanup Status: COMPLETED - CASE CLOSED	***402 SOUTH DELAWARE S***	***N 0 - 1/8 (0.006 mi.)***	***A5***	***16***
SHELL Cleanup Status: COMPLETED - CASE CLOSED	***407 SOUTH DELAWARE S***	***NE 0 - 1/8 (0.019 mi.)***	***A22***	***73***
ARNOLD PEDERSON LUMB Cleanup Status: COMPLETED - CASE CLOSED	***400 CLAREMONT***	***WSW 0 - 1/8 (0.031 mi.)***	***C28***	***98***
ARCO #0515 Cleanup Status: COMPLETED - CASE CLOSED	***300 DELAWARE***	***NW 0 - 1/8 (0.060 mi.)***	***D59***	***192***
T. ENDO AUTOMOTIVE Cleanup Status: COMPLETED - CASE CLOSED	***405 EAST 4TH AVENUE***	***WSW 0 - 1/8 (0.067 mi.)***	***C71***	***227***
ACCU-TUNE Cleanup Status: COMPLETED - CASE CLOSED	***435 3RD***	***WNW 0 - 1/8 (0.099 mi.)***	***F97***	***290***
SHELL STATION Cleanup Status: COMPLETED - CASE CLOSED	***611 EAST 3RD AVENUE***	***NNW 0 - 1/8 (0.101 mi.)***	***D110***	***328***
KENTUCKY FRIED CHICK Cleanup Status: OPEN - SITE ASSESSMENT	406 EAST THIRD AVENU	W 0 - 1/8 (0.105 mi.)	F135	406
IZMIRIAN ROOFING & S Cleanup Status: COMPLETED - CASE CLOSED	***207 CLAREMONT***	***NW 0 - 1/8 (0.125 mi.)***	***L153***	***444***
HOWARD TIRE Cleanup Status: COMPLETED - CASE CLOSED	***521 B***	***SSW 1/8 - 1/4 (0.142 mi.)***	***K177***	***492***
DRAEGERS Cleanup Status: COMPLETED - CASE CLOSED	***200 EAST 4TH AVENUE***	***SW 1/8 - 1/4 (0.180 mi.)***	***P249***	***643***
GOODYEAR TIRE & RUBB Cleanup Status: COMPLETED - CASE CLOSED	***616 B***	***S 1/8 - 1/4 (0.191 mi.)***	***W276***	***679***
WISNOMS HARDWARE Cleanup Status: COMPLETED - CASE CLOSED	***545 1ST***	***NW 1/8 - 1/4 (0.230 mi.)***	***333***	***876***
THE GARAGE	***316 8TH***	***SSE 1/8 - 1/4 (0.230 mi.)***	***AC336***	***893***

Cleanup Status: COMPLETED - CASE CLOSED

SMB PROPERTIES	***226 1ST***	***WNW 1/4 - 1/2 (0.259 mi.)***	***AB371***	***966***
Cleanup Status: COMPLETED - CASE CLOSED				
CITY OF SAN MATEO,FI	***120 SOUTH ELLSWORTH***	***W 1/4 - 1/2 (0.286 mi.)***	***AG376***	***974***
Cleanup Status: COMPLETED - CASE CLOSED				
MILLS HOSPITAL	***100 SAN MATEO***	***W 1/4 - 1/2 (0.339 mi.)***	***AI381***	***994***
Cleanup Status: COMPLETED - CASE CLOSED				
BELLA MANGIETA	***233 BALDWIN***	***WNW 1/4 - 1/2 (0.356 mi.)***	***AK385***	***1011***
Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION				
CENTRAL CHEVRON	***2 3RD***	***WSW 1/4 - 1/2 (0.390 mi.)***	***AL391***	***1026***
Cleanup Status: COMPLETED - CASE CLOSED				
MOBIL 99-MTE	***5 NORTH SAN MATEO***	***W 1/4 - 1/2 (0.397 mi.)***	***AK393***	***1032***
Cleanup Status: COMPLETED - CASE CLOSED				
A & A BEACON	***221 SOUTH EL CAMINO***	***WSW 1/4 - 1/2 (0.398 mi.)***	***AL396***	***1037***
Cleanup Status: COMPLETED - CASE CLOSED				
CENTRAL PARK SOUTH A	***31 9TH AVENUE***	***SSW 1/4 - 1/2 (0.402 mi.)***	***397***	***1046***
Cleanup Status: COMPLETED - CASE CLOSED				
BP OIL #11197	***230 EL CAMINO REAL***	***WSW 1/4 - 1/2 (0.431 mi.)***	***AM399***	***1050***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL	***94 SOUTH EL CAMINO R***	***WSW 1/4 - 1/2 (0.455 mi.)***	***AO405***	***1083***
Cleanup Status: COMPLETED - CASE CLOSED				
PENINSULA REGENT	***1 BALDWIN***	***W 1/4 - 1/2 (0.462 mi.)***	***408***	***1087***
Cleanup Status: COMPLETED - CASE CLOSED				
THE TOWERS	***20 WEST 3RD AVENUE***	***WSW 1/4 - 1/2 (0.484 mi.)***	***AQ413***	***1100***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP OIL #11205	***609 4TH***	***N 0 - 1/8 (0.038 mi.)***	***A34***	***110***
Cleanup Status: COMPLETED - CASE CLOSED				
CHEVRON 9-5336	***602 4TH***	***NE 0 - 1/8 (0.045 mi.)***	***A40***	***141***
Cleanup Status: COMPLETED - CASE CLOSED				
REGAL	***706 EAST 4TH AVENUE***	***NE 0 - 1/8 (0.079 mi.)***	***E85***	***274***
Cleanup Status: COMPLETED - CASE CLOSED				
TOSCO #4178	***615 EAST 3RD AVENUE***	***NNW 0 - 1/8 (0.104 mi.)***	***G128***	***380***
Cleanup Status: OPEN - VERIFICATION MONITORING				
VICTOR CATANZARO (CH	***727 EAST 3RD AVENUE***	***N 1/8 - 1/4 (0.138 mi.)***	***N166***	***459***
Cleanup Status: COMPLETED - CASE CLOSED				
CITY OF SAN MATEO	***901 3RD***	***NNE 1/8 - 1/4 (0.220 mi.)***	***Z315***	***857***
Cleanup Status: COMPLETED - CASE CLOSED				
CITY OF SAN MATEO	***0 3RD AVE & HUMBOLDT***	***NNE 1/4 - 1/2 (0.301 mi.)***	***377***	***977***
Cleanup Status: COMPLETED - CASE CLOSED				
RIVENDELL III, LTD	***980 S. CLAREMONT STR***	***SE 1/4 - 1/2 (0.351 mi.)***	***AJ383***	***997***
Cleanup Status: COMPLETED - CASE CLOSED				
NEDWICK & SON	***1028 CLAREMONT***	***SE 1/4 - 1/2 (0.434 mi.)***	***AN403***	***1076***
Cleanup Status: COMPLETED - CASE CLOSED				
BURLINGAME INDEPENDE	***850 S AMPHLETT BLVD***	***E 1/4 - 1/2 (0.462 mi.)***	***AP409***	***1091***

Cleanup Status: COMPLETED - CASE CLOSED

SCANDIA CRAFT UPHOLS ***1120 9TH*** ***E 1/4 - 1/2 (0.475 mi.)*** ***AP410*** ***1097***
Cleanup Status: COMPLETED - CASE CLOSED

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 4 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELENOR LEE	***508 EAST 3RD AVENUE***	***NW 0 - 1/8 (0.067 mi.)***	***D67***	***224***
Database: DRYCLEANERS, Date of Government Version: 03/01/2021 EPA Id: CAC002903489				
WARDROBE CLEANERS	335 E 4TH AVE	WSW 0 - 1/8 (0.100 mi.)	I102	311
Database: DRYCLEANERS, Date of Government Version: 03/01/2021 EPA Id: CAL000012846 EPA Id: CAL000292758				
BLUE SKY CLEANERS	***200 2ND AVE***	***W 1/8 - 1/4 (0.225 mi.)***	***U326***	***871***
Database: DRYCLEANERS, Date of Government Version: 03/01/2021 EPA Id: CAL000196265 EPA Id: CAL000309047				
CARL'S CLEANERS	***801 S B ST***	***S 1/8 - 1/4 (0.239 mi.)***	***AC354***	***930***
Database: DRYCLEANERS, Date of Government Version: 03/01/2021 EPA Id: CAL000273827 EPA Id: CAL000342697				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 31 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL STATION #6390	***402 SOUTH DELAWARE S***	***N 0 - 1/8 (0.006 mi.)***	***A5***	***16***
Reg Id: 41-0665				
SHELL	***407 SOUTH DELAWARE S***	***NE 0 - 1/8 (0.019 mi.)***	***A22***	***73***
Reg Id: 41-0503				
ARNOLD PEDERSON LUMB	***400 CLAREMONT***	***WSW 0 - 1/8 (0.031 mi.)***	***C28***	***98***
Reg Id: 41-0987				
ARCO #0515	***300 DELAWARE***	***NW 0 - 1/8 (0.060 mi.)***	***D59***	***192***
Reg Id: 41-0035				
T. ENDO AUTOMOTIVE	***405 EAST 4TH AVENUE***	***WSW 0 - 1/8 (0.067 mi.)***	***C71***	***227***
Reg Id: 41-0207				
ACCU-TUNE	***435 3RD***	***WNW 0 - 1/8 (0.099 mi.)***	***F97***	***290***

Reg Id: 41-0003				
IZMIRIAN ROOFING & S	***207 CLAREMONT***	***NW 0 - 1/8 (0.125 mi.)***	***L153***	***444***
Reg Id: 41-0672				
HOWARD TIRE	***521 B***	***SSW 1/8 - 1/4 (0.142 mi.)***	***K177***	***492***
Reg Id: 41-0286				
GOODYEAR TIRE & RUBB	***616 B***	***S 1/8 - 1/4 (0.191 mi.)***	***W276***	***679***
Reg Id: 41-1070				
THE GARAGE	***316 8TH***	***SSE 1/8 - 1/4 (0.230 mi.)***	***AC336***	***893***
Reg Id: 41-0566				
SMB PROPERTIES	***226 1ST***	***WNW 1/4 - 1/2 (0.259 mi.)***	***AB371***	***966***
Reg Id: 41-0933				
MILLBRAE SCHOOL WARE	700 LAUREL	SSW 1/4 - 1/2 (0.280 mi.)	AD374	972
Reg Id: 41-1118				
CITY OF SAN MATEO,FI	***120 SOUTH ELLSWORTH***	***W 1/4 - 1/2 (0.286 mi.)***	***AG376***	***974***
Reg Id: 41-0258				
MILLS HOSPITAL	***100 SAN MATEO***	***W 1/4 - 1/2 (0.339 mi.)***	***AI381***	***994***
Reg Id: 41-0911				
MOBIL 99-MTE	***5 SAN MATEO***	***W 1/4 - 1/2 (0.370 mi.)***	***AK388***	***1024***
Reg Id: 41-0360				
CENTRAL CHEVRON	***2 3RD***	***WSW 1/4 - 1/2 (0.390 mi.)***	***AL391***	***1026***
Reg Id: 41-0130				
A & A BEACON	***221 SOUTH EL CAMINO***	***WSW 1/4 - 1/2 (0.398 mi.)***	***AL396***	***1037***
Reg Id: 41-0538				
BP OIL #11197	***230 EL CAMINO REAL***	***WSW 1/4 - 1/2 (0.431 mi.)***	***AM399***	***1050***
Reg Id: 41-0355				
SHELL	***94 SOUTH EL CAMINO R***	***WSW 1/4 - 1/2 (0.455 mi.)***	***AO405***	***1083***
Reg Id: 41-0517				
THE TOWERS	***20 3RD***	***WSW 1/4 - 1/2 (0.484 mi.)***	***AQ414***	***1112***
Reg Id: 41-1227				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP OIL #11205	***609 4TH***	***N 0 - 1/8 (0.038 mi.)***	***A34***	***110***
Reg Id: 41-0083				
CHEVRON 9-5336	***602 4TH***	***NE 0 - 1/8 (0.045 mi.)***	***A40***	***141***
Reg Id: 41-0916				
REGAL	***706 EAST 4TH AVENUE***	***NE 0 - 1/8 (0.079 mi.)***	***E85***	***274***
Reg Id: 41-0444				
TOSCO #4178	***615 3RD***	***NNW 0 - 1/8 (0.104 mi.)***	***G126***	***379***
Reg Id: 41-1221				
VICTOR CATANZARO (CH	***727 EAST 3RD AVENUE***	***N 1/8 - 1/4 (0.138 mi.)***	***N166***	***459***
Reg Id: 41-0640				
CITY OF SAN MATEO	***901 3RD***	***NNE 1/8 - 1/4 (0.220 mi.)***	***Z315***	***857***
Reg Id: 41-0166				
RIVENDELL III, LTD	***980 CLAREMONT***	***SE 1/4 - 1/2 (0.351 mi.)***	***AJ382***	***996***
Reg Id: 41-0756				
Reg Id: 41-0641				
MILITARY FAMILY HOUS	***726 AMPHLETT***	***ENE 1/4 - 1/2 (0.433 mi.)***	***401***	***1074***

Reg Id: 2723				
NEDWICK & SON	***1028 CLAREMONT***	***SE 1/4 - 1/2 (0.434 mi.)***	***AN403***	***1076***
Reg Id: 41-0967				
BURLINGAME INDEPENDE	***850 S AMPHLETT BLVD***	***E 1/4 - 1/2 (0.462 mi.)***	***AP409***	***1091***
Reg Id: 41-0870				
SCANDIA CRAFT UPHOLS	***1120 9TH***	***E 1/4 - 1/2 (0.475 mi.)***	***AP411***	***1097***
Reg Id: 41-0754				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there are 3 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO STATION #515	300 SOUTH DELAWARE	NW 0 - 1/8 (0.060 mi.)	D61	205

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC INSULATION	***149 SOUTH***	***SSE 1/2 - 1 (0.858 mi.)***	***420***	***1132***
K MART	***1700 DELAWARE***	***SE 1/2 - 1 (0.979 mi.)***	***421***	***1140***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 12 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REED ROBERT A	402 S DELAWARE	N 0 - 1/8 (0.006 mi.)	A4	15
SHINODA SHIGEAKI SHI	500 E FOURTH AVE	WSW 0 - 1/8 (0.010 mi.)	A13	53
HELNICK INC	407 S DELAWARE	NE 0 - 1/8 (0.019 mi.)	A20	72
RUPPELL PHILLIP A	300 S DELAWARE	NW 0 - 1/8 (0.060 mi.)	D64	222
BAYSHORE CAR WASH IN	400 E 4TH ST	WSW 0 - 1/8 (0.068 mi.)	C72	240
PFLEG EDWARD PAUL	592 E THIRD AVE	NNW 0 - 1/8 (0.073 mi.)	D74	243
PAULS FLYING A SERVI	435 THIRD AVE	WNW 0 - 1/8 (0.099 mi.)	F98	294
THIRD AVENUE SHELL	611 E 3RD AVE	NNW 0 - 1/8 (0.101 mi.)	D113	342

Lower Elevation	Address	Direction / Distance	Map ID	Page
GAS AND SHOB	609 E 4TH AVE	N 0 - 1/8 (0.038 mi.)	A31	106

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
YOUNGS HARRY CHEVRON	602 E FOURTH AVE	NE 0 - 1/8 (0.045 mi.)	A43	146
FOURTH AVE BEACON IN	706 E 4TH AVE	NE 0 - 1/8 (0.079 mi.)	E87	281
TAKS UNION SERVICE	615 E THIRD AVE	NNW 0 - 1/8 (0.104 mi.)	G120	376

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

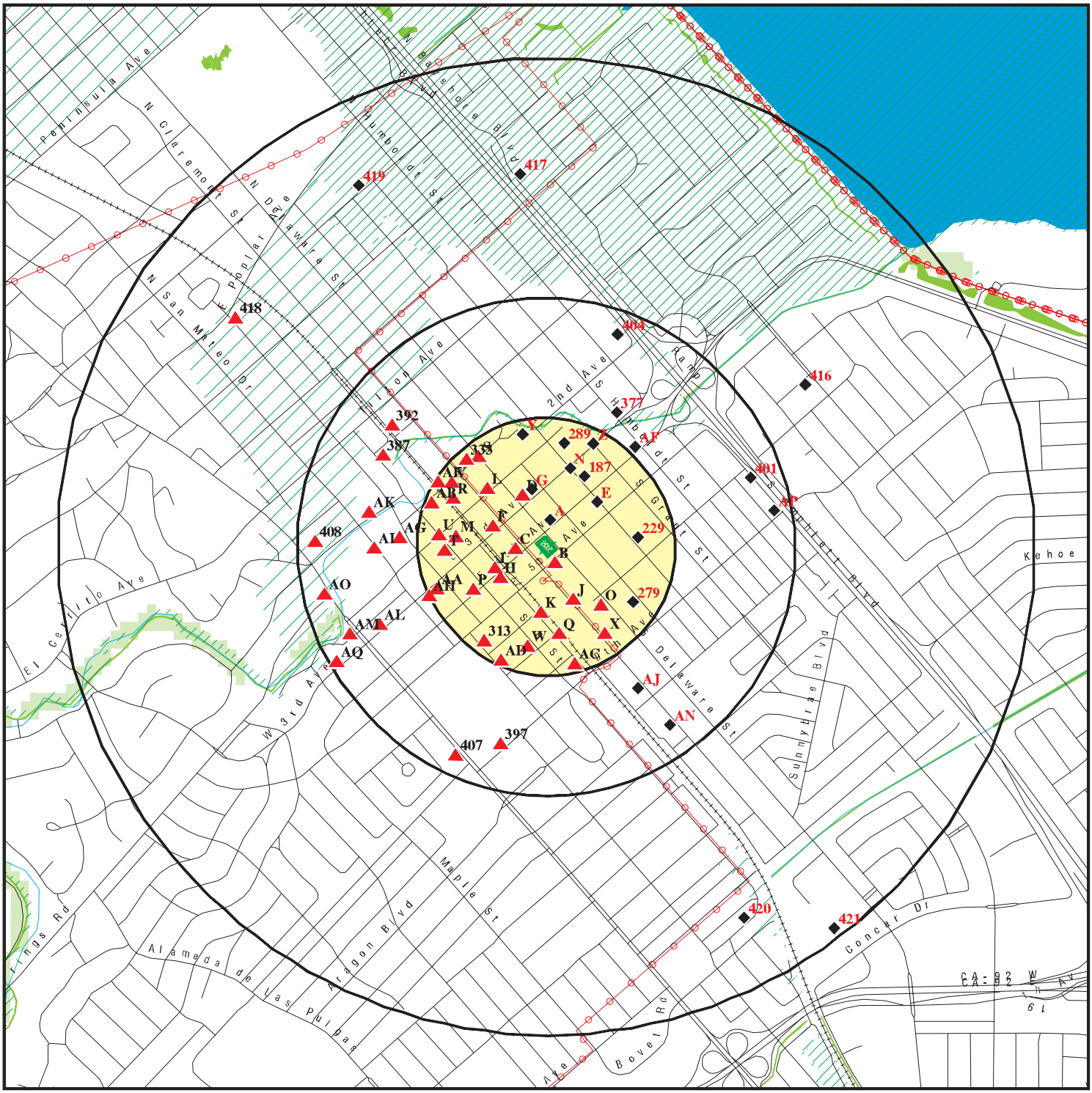
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 4 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUALITY CLEANERS	548 E FIFTH AV	SSE 0 - 1/8 (0.019 mi.)	B26	95
KASBARI EDMAN	412 E 3RD AVE	WNW 0 - 1/8 (0.082 mi.)	F91	284
WARDROBE CLEANERS	335 E 4TH AVE	WSW 0 - 1/8 (0.100 mi.)	I106	323
NORMANDY CLEANERS	333 E 4TH AVE	WSW 0 - 1/8 (0.105 mi.)	I129	397

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6629448.2S



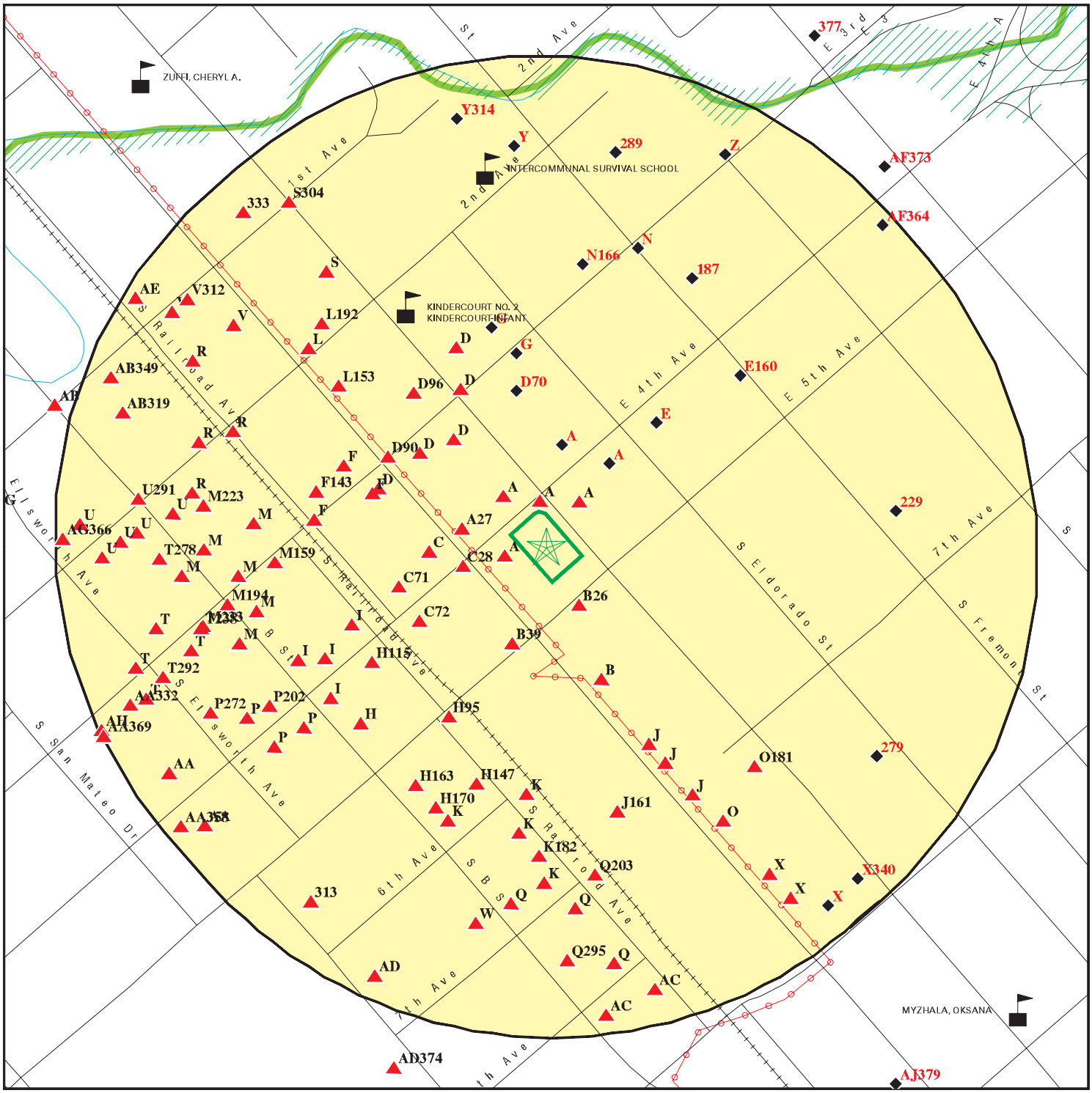
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 524 E. 4th Avenue ADDRESS: 524 E. 4th Avenue San Mateo CA 94402 LAT/LONG: 37.565939 / 122.319178	CLIENT: PES Environmental, Inc. CONTACT: Julie Turnross INQUIRY #: 6629448.2s DATE: August 20, 2021 3:24 pm

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DETAIL MAP - 6629448.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 524 E. 4th Avenue ADDRESS: 524 E. 4th Avenue San Mateo CA 94402 LAT/LONG: 37.565939 / 122.319178	CLIENT: PES Environmental, Inc. CONTACT: Julie Turnross INQUIRY #: 6629448.2s DATE: August 20, 2021 3:28 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		2	8	NR	NR	NR	10
RCRA-VSQG	0.250		0	2	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	2	3	4	NR	11
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		25	13	36	NR	NR	74

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		2	3	7	NR	NR	12
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		7	0	NR	NR	NR	7
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		1	1	1	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		1	0	0	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		10	17	NR	NR	NR	27
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		8	12	NR	NR	NR	20
HIST UST	0.250		17	7	NR	NR	NR	24
CERS TANKS	0.250		6	1	NR	NR	NR	7
CA FID UST	0.250		5	7	NR	NR	NR	12
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		24	36	NR	NR	NR	60
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
San Mateo Co. BI	0.250		58	131	NR	NR	NR	189
Cortese	0.500		13	7	17	NR	NR	37

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		2	2	NR	NR	NR	4
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		11	5	15	NR	NR	31
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		1	0	0	2	NR	3
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		12	NR	NR	NR	NR	12
EDR Hist Cleaner	0.125		4	NR	NR	NR	NR	4
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	213	254	80	6	0	553

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
North
< 1/8
0.006 mi.
32 ft.

TNT AUTO REPAIR
402 S DELAWARE ST
SAN MATEO, CA 94402

Site 1 of 45 in cluster A

RCRA NonGen / NLR **1024869547**
CAL000438162

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-08-08 00:00:00.0
Handler Name:	TNT AUTO REPAIR	
Handler Address:		402 S DELAWARE ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000438162
Contact Name:		NGA NGUYEN
Contact Address:		402 S DELAWARE ST
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		408-234-5959
Contact Fax:		Not reported
Contact Email:		DUONGSANGPRINTING@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		402 S DELAWARE ST
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		NGA NGUYEN
Owner Type:		Other
Operator Name:		NGA NGUYEN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

TNT AUTO REPAIR (Continued) **1024869547**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:38:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NGA NGUYEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	402 S DELAWARE ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	408-234-5959
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NGA NGUYEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1950 THREADNEEDLE WAY
Owner/Operator City,State,Zip:	SAN JOSE, CA 95121
Owner/Operator Telephone:	408-234-5951
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TNT AUTO REPAIR (Continued) **1024869547**

Historic Generators:
Receive Date: 2018-08-08 00:00:00.0
Handler Name: TNT AUTO REPAIR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A2 **UNOCAL #6390** **LUST S104494519**
North **402 DELAWARE** **San Mateo Co. BI N/A**
< 1/8 **SAN MATEO, CA 94403**
0.006 mi.
32 ft. **Site 2 of 45 in cluster A**

Relative:
Higher

Actual:
22 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 110069
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

San Mateo Co. BI:
Name: TAD'S 76 #256390
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0046458
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE

UNOCAL #6390 (Continued) **S104494519**

Record Id:	PR0068915
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	TAD'S 76 #256390
Address:	402 DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0046458
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0063204
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	TAD'S 76 #256390
Address:	402 DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0046458
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0063202
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	TAD'S 76 #256390
Address:	402 DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0046458
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0063203
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

A3 **TAD'S 76 - 256390** **RCRA NonGen / NLR** **1024849759**
North **402 S DELAWARE ST** **CAL000406759**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 3 of 45 in cluster A**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		2019-05-17 00:00:00.0
Handler Name:	TAD'S 76 - 256390	
Handler Address:		402 S DELAWARE ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000406759
Contact Name:		LISA THOMPSON
Contact Address:		29501 CANWOOD ST STE 200
Contact City,State,Zip:		AGOURA HILLS, CA 91301
Contact Telephone:		818-206-5700
Contact Fax:		818-206-5715
Contact Email:		LTHOMPSON@GSG.EMAIL
Contact Title:		Not reported
EPA Region:		09

Actual:
22 ft.

TAD'S 76 - 256390 (Continued) **1024849759**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	29501 CANWOOD ST STE 200
Mailing City,State,Zip:	AGOURA HILLS, CA 91301-1570
Owner Name:	DUNG CHI TRAN
Owner Type:	Other
Operator Name:	LISA THOMPSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

TAD'S 76 - 256390 (Continued) **1024849759**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-05-31 13:34:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LISA THOMPSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29501 CANWOOD ST STE 200
Owner/Operator City,State,Zip:	AGOURA HILLS, CA 91301
Owner/Operator Telephone:	818-206-5700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DUNG CHI TRAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29501 CANWOOD ST STE 200
Owner/Operator City,State,Zip:	AGOURA HILLS, CA 91301-1570
Owner/Operator Telephone:	818-206-5700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-05-17 00:00:00.0
Handler Name: TAD'S 76 - 256390	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

TAD'S 76 - 256390 (Continued) **1024849759**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A4 **REED ROBERT A** **EDR Hist Auto** **1020786666**
North **402 S DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 4 of 45 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
22 ft.

Year:	Name:	Type:
1969	REED ROBERT A	Gasoline Service Stations
1971	REED ROBERT A	Gasoline Service Stations
1972	REED ROBERT A	Gasoline Service Stations
1973	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1974	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1975	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1976	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1977	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1978	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1979	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1980	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1982	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1983	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1985	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1986	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1987	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1988	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1989	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1990	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1991	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1992	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1996	JIMS UNOCAL	Gasoline Service Stations
1997	JIMS UNOCAL	Gasoline Service Stations
1998	UNOCAL CORPORATION	Gasoline Service Stations
1999	UNOCAL CORPORATION	Gasoline Service Stations
2000	UNOCAL CORPORATION	Gasoline Service Stations
2001	UNOCAL CORPORATION	Gasoline Service Stations
2002	PHILLIPS PETROLEUM COMPANY	Gasoline Service Stations
2003	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2004	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2005	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2006	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2007	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2008	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2009	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2009	DUNG CHI TRAN	Gasoline Service Stations
2009	A T AUTO CARE	General Automotive Repair Shops
2010	A T AUTO CARE	General Automotive Repair Shops
2010	DUNG CHI TRAN	Gasoline Service Stations
2010	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2011	A T AUTO CARE	General Automotive Repair Shops

REED ROBERT A (Continued) **1020786666**

2011	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2011	DUNG CHI TRAN	Gasoline Service Stations
2012	DUNG CHI TRAN	Gasoline Service Stations
2012	A T AUTO CARE	General Automotive Repair Shops
2012	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2013	A T AUTO CARE	General Automotive Repair Shops
2013	DUNG CHI TRAN	Gasoline Service Stations
2013	CONOCOPHILLIPS COMPANY	Gasoline Service Stations
2014	CONOCOPHILLIPS COMPANY	Gasoline Service Stations, NEC
2014	A T AUTO CARE	General Automotive Repair Shops
2014	DUNG CHI TRAN	Gasoline Service Stations

A5 **UNOCAL STATION #6390** **LUST** **S104660356**
North **402 SOUTH DELAWARE STREET** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94403** **Cortese**
0.006 mi. **HIST CORTESE**
32 ft. **Site 5 of 45 in cluster A** **CERS**

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	UNOCAL STATION #6390
Address:	402 SOUTH DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94403
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100632
Global Id:	T0608100632
Latitude:	37.5659111319289
Longitude:	-122.318993210793
Status:	Completed - Case Closed
Status Date:	11/04/2019
Case Worker:	DGM
RB Case Number:	41-0665
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	110069
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Refer to Appendix A in the report dated January 12, 2018 (GeoReport file #5677963495). San Mateo County does not take responsibility for the accuracy of statements and professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100632
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292

Global Id:	T0608100632
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND

UNOCAL STATION #6390 (Continued) **S104660356**

Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100632
Action Type: RESPONSE
Date: 07/28/2011
Action: Soil and Water Investigation Report

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 08/19/2015
Action: Staff Letter - #20150819

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 10/29/2014
Action: Staff Letter - #20141029

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/14/2014
Action: Email Correspondence - #20140514

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 10/30/2014
Action: Staff Letter - #20141030

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/23/2011
Action: Correspondence

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/02/2012
Action: Soil and Water Investigation Report

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 07/10/2018
Action: Other Report / Document

Global Id: T0608100632
Action Type: RESPONSE
Date: 03/28/2018

UNOCAL STATION #6390 (Continued) **S104660356**

Action:	Correspondence
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	11/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	04/03/2018
Action:	Email Correspondence
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	07/30/2019
Action:	Well Destruction Report
Global Id:	T0608100632
Action Type:	ENFORCEMENT
Date:	11/22/2010
Action:	Staff Letter - #20101122
Global Id:	T0608100632
Action Type:	ENFORCEMENT
Date:	12/02/2010
Action:	Staff Letter - #20101202
Global Id:	T0608100632
Action Type:	ENFORCEMENT
Date:	12/24/2015
Action:	Email Correspondence - #20151224
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	05/15/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	03/29/2013
Action:	Correspondence
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	07/18/2013
Action:	Soil and Water Investigation Report
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	05/30/2014
Action:	Soil Vapor Intrusion Investigation Report
Global Id:	T0608100632
Action Type:	RESPONSE
Date:	05/15/2016
Action:	Monitoring Report - Semi-Annually

UNOCAL STATION #6390 (Continued) **S104660356**

Global Id: T0608100632
Action Type: RESPONSE
Date: 04/14/2005
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100632
Action Type: RESPONSE
Date: 06/26/2006
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 06/15/2011
Action: Technical Correspondence / Assistance / Other - #20110615

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 02/08/2011
Action: Staff Letter - #20110208

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 10/28/2015
Action: Staff Letter - #20151028

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 08/25/2016
Action: Email Correspondence - #20160825

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/16/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE

UNOCAL STATION #6390 (Continued) **S104660356**

Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2005
Action: Electronic Reporting Submittal Due

Global Id: T0608100632
Action Type: RESPONSE
Date: 02/28/2007
Action: Soil and Water Investigation Report

Global Id: T0608100632
Action Type: RESPONSE
Date: 02/28/2007
Action: Other Report / Document

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/21/2017
Action: Monitoring Report - Other

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 09/07/2012
Action: Other Report / Document - Regulator Responded

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/12/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 08/09/2010
Action: Staff Letter - #20100809

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/26/2016
Action: Staff Letter - #20160726

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 03/13/2017
Action: Technical Correspondence / Assistance / Other - #20170313

UNOCAL STATION #6390 (Continued) **S104660356**

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 08/21/2017
Action: Staff Letter - #20170821

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/17/2018
Action: Letter - Notice - #20180517

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 12/31/2018
Action: Staff Letter - #20181231

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 09/24/2018
Action: Email Correspondence - #20180924

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/10/2018
Action: Staff Letter - #20180518

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 03/05/2019
Action: Staff Letter - #20190305

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/09/2018
Action: Staff Letter - #20180109

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 04/04/2018
Action: Staff Letter - #20180404

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/10/2018
Action: Notification - Preclosure - #20180510

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 06/06/2019
Action: Technical Correspondence / Assistance / Other - #20190606

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/13/2019
Action: Staff Letter - #20190513

Global Id: T0608100632
Action Type: ENFORCEMENT

UNOCAL STATION #6390 (Continued) **S104660356**

Date: 11/04/2019
Action: Staff Letter - #20191104

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 03/27/2018
Action: Closure Summary - #20180327

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 11/04/2019
Action: Staff Letter - #20191104

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 01/31/2019
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100632
Action Type: RESPONSE
Date: 06/04/2018
Action: Public Participation Plan - Regulator Responded

Global Id: T0608100632
Action Type: RESPONSE
Date: 08/03/2017
Action: Request for Closure - Regulator Responded

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 10/18/2006
Action: Staff Letter - #20061018

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 12/10/2001
Action: Staff Letter - #20011210

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/20/2005
Action: Staff Letter - #20050120

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 11/22/2011
Action: Staff Letter - #20111122

UNOCAL STATION #6390 (Continued) **S104660356**

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 03/12/2012
Action: Technical Correspondence / Assistance / Other - #20120312

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/31/2008
Action: Staff Letter - #20080131

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 11/04/2019
Action: Closure/No Further Action Letter - #20191104

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 06/10/2019
Action: Site Visit / Inspection / Sampling - #20190610

Global Id: T0608100632
Action Type: Other
Date: 08/05/1992
Action: Leak Discovery

Global Id: T0608100632
Action Type: Other
Date: 09/10/1992
Action: Leak Reported

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/20/2018
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100632
Action Type: RESPONSE
Date: 04/16/2019
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 08/11/1992
Action: Notice of Responsibility - #19920811

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/01/2006
Action: Staff Letter - #20060501

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 05/22/2013
Action: Technical Correspondence / Assistance / Other - #20130522

Global Id: T0608100632
Action Type: ENFORCEMENT

UNOCAL STATION #6390 (Continued) **S104660356**

Date: 04/29/2013
Action: Staff Letter - #20130429

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/24/2013
Action: Technical Correspondence / Assistance / Other - #20130724

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/29/2013
Action: Staff Letter - #20130129

Global Id: T0608100632
Action Type: RESPONSE
Date: 03/16/2008
Action: Electronic Reporting Submittal Due

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 02/28/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100632
Action Type: RESPONSE
Date: 03/25/2008
Action: Correspondence

Global Id: T0608100632
Action Type: RESPONSE
Date: 09/10/2008
Action: Soil and Water Investigation Report

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

UNOCAL STATION #6390 (Continued) **S104660356**

Global Id: T0608100632
Action Type: RESPONSE
Date: 12/31/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: REMEDIATION
Date: 08/21/1992
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100632
Action Type: REMEDIATION
Date: 08/05/1992
Action: Excavation

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/28/2008
Action: Staff Letter - #20080728

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 03/12/2013
Action: Technical Correspondence / Assistance / Other - #20130312

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/29/2013
Action: Technical Correspondence / Assistance / Other - #20130129

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 02/21/2013
Action: Technical Correspondence / Assistance / Other - #20130221

Global Id: T0608100632
Action Type: RESPONSE
Date: 04/30/2015
Action: Site Assessment Report

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 11/10/2006
Action: Technical Correspondence / Assistance / Other - #20061110

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 12/19/2006
Action: Technical Correspondence / Assistance / Other - #20061219

Global Id: T0608100632
Action Type: ENFORCEMENT

UNOCAL STATION #6390 (Continued) **S104660356**

Date: 02/05/2007
Action: Technical Correspondence / Assistance / Other - #20070205

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 09/08/2005
Action: Staff Letter - #20050908

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 09/17/2007
Action: Technical Correspondence / Assistance / Other - #20070917

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 11/01/2005
Action: Staff Letter - #20051101

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/26/2007
Action: Technical Correspondence / Assistance / Other - #20070726

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/30/2008
Action: Staff Letter - #20080130

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 04/01/2013
Action: Technical Correspondence / Assistance / Other - #20130401

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/19/2012
Action: Technical Correspondence / Assistance / Other - #20120719

Global Id: T0608100632
Action Type: RESPONSE
Date: 10/29/2010
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100632
Action Type: RESPONSE
Date: 11/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100632
Action Type: RESPONSE
Date: 12/31/2010
Action: Correspondence

Global Id: T0608100632
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Annually

UNOCAL STATION #6390 (Continued) **S104660356**

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 06/25/2009
Action: Staff Letter - #20090625

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: Staff Letter - #20090727

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Staff Letter - #20140108

Global Id: T0608100632
Action Type: ENFORCEMENT
Date: 07/17/2014
Action: Technical Correspondence / Assistance / Other - #20140707

LUST:
Global Id: T0608100632
Status: Open - Case Begin Date
Status Date: 08/05/1992

Global Id: T0608100632
Status: Open - Site Assessment
Status Date: 08/05/1992

Global Id: T0608100632
Status: Open - Eligible for Closure
Status Date: 01/12/2018

Global Id: T0608100632
Status: Completed - Case Closed
Status Date: 11/04/2019

San Mateo Co. BI:
Name: TAD 76 #256390
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016955
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022150
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: TAD 76 #256390
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016955
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT

UNOCAL STATION #6390 (Continued) **S104660356**

Record Id: PR0024071
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: TAD 76 #256390
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016955
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0003326
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AT AUTO CARE
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0051405
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0071260
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: AT AUTO CARE
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0051405
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0071258
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: AT AUTO CARE
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0051405
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0071259
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: UNOCAL STATION #6390
Address: 402 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94403
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100632
Site/Facility Type: LUST CLEANUP SITE

UNOCAL STATION #6390 (Continued) **S104660356**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	UNOCAL
edr_fadd1:	402 DELAWARE
City,State,Zip:	SAN MATEO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0665

CERS:

Name:	UNOCAL STATION #6390
Address:	402 SOUTH DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94403
Site ID:	188625
CERS ID:	T0608100632
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292

A6 **TNT AUTO REPAIR** **San Mateo Co. BI** **S122980354**
North **402 DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 6 of 45 in cluster A**

Relative: San Mateo Co. BI:
Higher

Actual: Name: TNT AUTO REPAIR
22 ft. Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0064465
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0087318
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: TNT AUTO REPAIR
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0064465
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0087319
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

A7 **UNITED PACIFIC #2201** **San Mateo Co. BI** **S124430608**
North **402 DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 7 of 45 in cluster A**

Relative: San Mateo Co. BI:
Higher

Actual: Name: UNITED PACIFIC #2201
22 ft. Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0065754
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0088759
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: UNITED PACIFIC #2201
Address: 402 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0065754
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0088758
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: UNITED PACIFIC #2201
Address: 402 DELAWARE

UNITED PACIFIC #2201 (Continued) **S124430608**

City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0065754
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0088795
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

A8 **APRO LLC DBA UNITED PACIFIC 2201** **RCRA NonGen / NLR** **1024875106**
North **402 DELAWARE ST** **CAL000443764**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 8 of 45 in cluster A**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-02-19 00:00:00.0
Handler Name:	APRO LLC DBA UNITED PACIFIC 2201
Handler Address:	402 DELAWARE ST
Handler City,State,Zip:	SAN MATEO, CA 94402
EPA ID:	CAL000443764
Contact Name:	TOM ROBINS
Contact Address:	4130 COVER ST
Contact City,State,Zip:	LONG BEACH, CA 90808
Contact Telephone:	310-323-3992
Contact Fax:	Not reported
Contact Email:	TOM.ROBINS@UNITEDPACIFIC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4130 COVER ST
Mailing City,State,Zip:	LONG BEACH, CA 90808
Owner Name:	APRO LLC
Owner Type:	Other
Operator Name:	TOM ROBINS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

APRO LLC DBA UNITED PACIFIC 2201 (Continued) **1024875106**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 19:42:40.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOM ROBINS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4130 COVER ST
Owner/Operator City,State,Zip:	LONG BEACH, CA 90808
Owner/Operator Telephone:	310-323-3992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	APRO LLC

APRO LLC DBA UNITED PACIFIC 2201 (Continued) **1024875106**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4130 COVER ST
Owner/Operator City,State,Zip:	LONG BEACH, CA 90808
Owner/Operator Telephone:	310-323-3992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-02-19 00:00:00.0
Handler Name:	APRO LLC DBA UNITED PACIFIC 2201
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	447190
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A9 **76 MART** **San Mateo Co. BI** **S123180675**
North **402 DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 9 of 45 in cluster A**

Relative: Higher

Actual: 22 ft.

San Mateo Co. BI:

Name:	76 MART
Address:	402 DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0023225
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069563
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

A10 **AT AUTO CARE** **RCRA NonGen / NLR** **1024844638**
North **402 S DELAWARE ST** **CAL000397240**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 10 of 45 in cluster A**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2014-06-04 00:00:00.0
Handler Name:	AT AUTO CARE	
Handler Address:		402 S DELAWARE ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000397240
Contact Name:		TUAN NGUYEN
Contact Address:		230 DAMSEN DR
Contact City,State,Zip:		SAN JOSE, CA 95116
Contact Telephone:		408-823-4957
Contact Fax:		650-342-7434
Contact Email:		ATAUTOCARE@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		402 S DELAWARE ST
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		TUAN NGUYEN
Owner Type:		Other
Operator Name:		TUAN NGUYEN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

AT AUTO CARE (Continued) **1024844638**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:04:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TUAN NGUYEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	230 DAMSEN DR
Owner/Operator City,State,Zip:	SAN JOSE, CA 95116
Owner/Operator Telephone:	408-823-4957
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TUAN NGUYEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	230 DAMSEN DR
Owner/Operator City,State,Zip:	SAN JOSE, CA 95116
Owner/Operator Telephone:	408-823-4957
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AT AUTO CARE (Continued) **1024844638**

Historic Generators:
- Receive Date: 2014-06-04 00:00:00.0
- Handler Name: AT AUTO CARE
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 811111
- NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

A11 **UNOCAL SERVICE STATION #6390** **LUST** **1000167419**
North **402 S DELAWARE ST** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MATEO, CA 94401** **SWEEPS UST**
0.006 mi. **HIST UST**
32 ft. **Site 11 of 45 in cluster A** **CERS TANKS**
CERS

Relative:
Higher

Actual:
22 ft.

SAN MATEO CO. LUST:
- Name: UNOCAL #6390
- Address: 402 S DELAWARE ST
- City,State,Zip: SAN MATEO, CA
- Region: SAN MATEO
- Facility ID: 110069
- Facility Status: 5C- Pollution Characterization
- Global ID: T0608100632
- APN Number: 034186110
- Case Type: SAN MATEO, CA
- EDR Link ID: SAN MATEO, CA

CERS HAZ WASTE:
- Name: APRO DISTRIBUTION 2201 TAD'S 76
- Address: 402 S DELAWARE ST
- City,State,Zip: SAN MATEO, CA 94402
- Site ID: 520772
- CERS ID: 10788979
- CERS Description: Hazardous Waste Generator

SWEEPS UST:
- Name: UNOCAL SERVICE STATION #6390
- Address: 402 S DELAWARE ST

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

City:	SAN MATEO
Status:	Not reported
Comp Number:	110087
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110087-000001
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	UNOCAL SERVICE STATION #6390
Address:	402 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110087
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110087-000002
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	UNOCAL SERVICE STATION #6390
Address:	402 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110087
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110087-000003
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Name:	UNOCAL SERVICE STATION #6390
Address:	402 S DELAWARE ST
City:	SAN MATEO
Status:	Active
Comp Number:	110087
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-12-94
Action Date:	04-12-94
Created Date:	10-13-88
Owner Tank Id:	6390-2B
SWRCB Tank Id:	41-000-110087-000004
Tank Status:	A
Capacity:	12000
Active Date:	04-22-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	3

Name:	UNOCAL SERVICE STATION #6390
Address:	402 S DELAWARE ST
City:	SAN MATEO
Status:	Active
Comp Number:	110087
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-12-94
Action Date:	04-12-94
Created Date:	10-13-88
Owner Tank Id:	6390-1B
SWRCB Tank Id:	41-000-110087-000005
Tank Status:	A
Capacity:	12000
Active Date:	04-22-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	UNOCAL SERVICE STATION #6390
Address:	402 S DELAWARE ST
City:	SAN MATEO
Status:	Active
Comp Number:	110087
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-12-94
Action Date:	04-12-94
Created Date:	10-13-88
Owner Tank Id:	6390-3B
SWRCB Tank Id:	41-000-110087-000006
Tank Status:	A
Capacity:	500
Active Date:	04-22-94
Tank Use:	OIL
STG:	W

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
Name: UNION IOL SS 6390
Address: 402 SOUTH DELAWARE ST
City,State,Zip: SAN MATEO, CA 94401
File Number: 0002C3D4
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C3D4.pdf
Region: STATE
Facility ID: 00000030704
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SHIGEAKI SHINODA
Telephone: 4153489628
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0006

Tank Num: 001
Container Num: 6390-1-1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 6390-2-1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 6390-4-1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 6390-1-1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Container Num:	6390-2-1
Year Installed:	1982
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	006
Container Num:	6390-4-1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CERS TANKS:

Name:	APRO DISTRIBUTION 2201 TAD'S 76
Address:	402 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	520772
CERS ID:	10788979
CERS Description:	Underground Storage Tank

CERS:

Name:	APRO DISTRIBUTION 2201 TAD'S 76
Address:	402 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	520772
CERS ID:	10788979
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	03-25-2019
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 08/27/2019. Premium and regular spill buckets are less that 5 gallons (1 liter less and 400 ml less respectively). Replace spill containers with 5 gallon containers. Apply for a permit to replace them. submit permit within 30 days. Complete replacement within 60 days. Note: Repair may require shortening the riser.

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	02-16-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVED: A drum marked as hazardous waste (blue drum) was found to be filled with used dispenser hoses. REQUIRED ACTION: Update the label with all required items and submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	12-13-2019
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 04/23/2020. The following failures were noted on 12/13/19. 1. T-1 87 product line secondary failed 5.0psi 1-hour testing. 2. Leaks confirmed at UDC#3-4 and #5-6 Bravo termination fittings inside UDCs. The technician recommended repairs: BravoG s B-2000 retro fit kit. 3. T-1 87 STP sump failed testing. Technician recommend replacing STP sump. 4. T-2 91 STP sumps failed testing. Technician recommend replacing STP sump. Submit a plan to correct the failures and re-test the equipment within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	07-31-2019
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 08/27/2019. Tank information submitted on CERS is incomplete. The used oil tank information has not been submitted. Submit correct information (using the tank ID numbers issued for the site) and re-submit the forms on CERS. Correct and re-submit forms within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	02-12-2020
Citation:	23 CCR 16 2636(f)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(4)
Violation Description:	Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested every 12 months: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC).
Violation Notes:	Returned to compliance on 02/12/2020. One float and chain on dispenser 9/10 did not function on the first test. This was adjusted, re-tested and passed. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	10-13-2018
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 08/27/2019. Facility information: Tank system was installed in 1992 according to tank forms. There is no secondary containment on vent, vapor recovery, or fill components. Based upon this installation, it appears as though either of the following 2 options would be required to meet the overfill protection installation requirements: 1. an audible visual plus ball float or 2. fill tube shut-off valve (flapper) No overfill device is installed with the used oil tank. If the facility meets the requirements for the exemption, please submit the forms to indicate that on the overfill section. No ball floats were observed or tested today. Please complete

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

	the the planned repairs and testing in order to comply with the overfill requirements. Note this testing was required to be completed by 10/13/18. Following testing in which the system passes, the next test will be due on or before 10/13/2021. Please schedule the 3-year test accordingly. Notify Env. Health 48 hours prior [Truncated]
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	02-16-2021
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 02/16/2021. OBSERVATION: Both of the line leak detectors failed to detect a leak at 3gph. They were adjusted, re-tested, and passed. No required action.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	03-25-2019
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 03/25/2019. Float and chain assemblies on UDC 1/2 and 5/6 failed on first test. They were adjusted and cleaned. On re-test, they passed. Corrected on site. This repair (5/6) took many attempts and approx. 90 minutes to complete. You may to consider installing stand-alone sensors if float-chain assemblies are resulting in repeated monitoring failures.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	02-16-2021
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 02/24/2021. OBSERVATION: The line leak detector information submitted on the monitoring plan pages submitted appears to be incorrect. REQUIRED ACTION: Correct the LLD to indicated VMI DL-2000 (Instead of Red Jacket and FE Petro). Re-submit forms with the correction by the comply-by date.

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	03-25-2019
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 03/26/2019. Minor leak observed in UDC 7/8. Tank tester indicated this may be from the meter. Have this repaired before it becomes a more significant release. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	03-25-2019
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 03/25/2019. Location of emergency equipment was not posted. Lila posted the updated emergency procedures posting with phone number and location of emergency equipment next to cashier.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	520772
Site Name:	APRO Distribution 2201 Tad's 76
Violation Date:	02-16-2021
Citation:	23 CCR 16 2636(f)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(4)
Violation Description:	Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested every 12 months: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC).
Violation Notes:	Returned to compliance on 02/16/2021. OBSERVED: The float and chain assemblies repeatedly failed to indicate a leak in the UDC. For 2021, dispenser function failed: 1/2: both failed initially. 1 failed a second time. 3/4: Initially the 3 side failed. 5/6 both failed initially. 7/8: passed 9/10: 9 side initially failed. All failed float-chains were adjusted, re-tested and passed. REQUIRED ACTION: THIS IS A REPEAT VIOLATION FROM 2019 AND 2020. Consider using a stand-alone sensor in the future. Contact our office if you would like to discuss options.
Violation Division:	San Mateo County Environmental Health

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-08-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Administrative review of the UNDERGROUND STORAGE TANK, SECONDARY CONTAINMENT TESTING REPORT FORM for facility United Pacific #2201 at 402 S. Delaware on 12/13/19. CERS ID: 10065505 The following failures were noted: 1. T-1 87 product line secondary failed 5.0psi 1-hour testing. 2. Leaks confirmed at UDC#3-4 and #5-6 Bravo termination fittings inside UDCs. The technician recommended repairs: BravoG s B-2000 retro fit kit. 3. T-1 87 STP sump failed testing. Technician recommend replacing STP sump. 4. T-2 91 STP sumps failed testing. Technician recommend replacing STP sump. They also commented: Sumps are very distorted and penetrations all have very large 24G Blue Line repair penetrations installed
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Please update the map to include: storm and sewer drains, access and exit points, Haz. material handling and storage areas, - waste storage /drum storage emergency response equipment (Spill kit, Fire ext.)
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Prior violations still open: Contractor stated that they are preparing a permit application for the repairs currently. The following failures were noted on 12/13/19. 1. T-1 87 product line secondary failed 5.0psi 1-hour testing. 2. Leaks confirmed at UDC#3-4 and #5-6 Bravo termination fittings inside UDCs. The technician recommended repairs: BravoG s B-2000 retro fit kit. 3. T-1 87 STP sump failed testing. Technician recommend replacing STP sump. 4. T-2 91 STP sumps failed testing. Technician recommend replacing STP sump. Request: Submit a plan to correct the failures and re-test the equipment immediately. Observations: Contractor Certifications: Sumps and spill containers: some liquid in spill buckets. Please remove this regularly and promptly. Set-up: printed Alarm History Flags: None since 3/25/19 Panel: Lights Alarm Sensor Out Power Failure. Tank ID # 2 PREMIUM CERS TankID 10065505-001 Tank MODERN WELDING Manufacturer Tank [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Eval Date:	02-16-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	G Modified in-person inspection procedures used. Met briefly with Thanh Tran. G Scope of the inspection: C-store, outdoor areas. G Areas where waste is generated and located: Drums (2) stored behind C-store. G Facility operations: Gas station RECORDS: G EPA ID active: https://hwts.dtsc.ca.gov/facility/CAL000443764 G EVQ Completed in 2020 G Training: G SQG Training: Training documented with UST training. G Manifests G 3 years of records available: No manifests generated recently according to Thanh Tran. No records observed on HWTS. Items below not yet applicable if no manifests G Sent to DTSC within 30 days of pick-up: Not yet applicable. -+ Address: DTSC Generator Manifests Department of Toxic Substances Control P.O. Box 400 Sacramento, CA-95812-0400 G Filled out properly G Hauler/transporter G LDR G Exception report G Waste determination: Waste hoses in solids drum. Label not filled out. Make a determination if [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-16-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Modified in-person inspection procedures used. Met briefly with Thanh Tran. Testing and observations noted: Buckets: 1 regular: Hydrostatic test, passed 5 gallons 91: Hydrostatic test, passed 5 gallons Used Oil: Hydrostatic test, passed 5 gallons Observations: Contractor ICC: Observed no issues. Sumps and spill containers: Sump Boot: Loose fitting, Tight Fitting (pointed down) Set-up: ok Alarm History Flags: noted. Paperwork: DO reports for 12 months: DO notification: Work orders: none Alarm history matching: April repairs documented Employee Training: due 3/17/21 Last monitor cert.: 2/2020 Sec containment test: Completed 12/2019. Re-tested after repairs 4/2020. In EH file. Overfill protection report: on site, also completed today. Electronic Submission: Last Submission 1/12/21 Correct the LLD to indicated VMI DL-2000 (Instead of Red Jacket and FE Petro) BOE / CDTFA #: 044040092 Valid account, 4130 COVER ST LONG [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	02-24-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewing permit application submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-11-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Filed a copy of the AMC in facility folder.

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-12-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted multiple submissions
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-12-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted violation correction.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No forms submitted to CERS for the new owner.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Previous CERS UST review comments: On review of the UST forms, the overfill protection portion shows that the facility is using an audible visual alarm. The overfill protection requirements indicate that the a UST installed after July 1, 1987 must also be using the flow restrictor (ball float) in conjunction with the audible visual alarm OR the facility must have secondary containment for the vent and tank risers. The facility is listing no secondary containment for the vent and tank risers. The facility could also use the shut-off valve (flapper) installed at 95% to meet this requirement. Secondary containment and corrosion protection is required on vent and tank riser piping for USTs installed after July 1, 1987 with this type of overfill prevention, because this type of overfill prevention does not meet the exemption criteria of section 2636 (a)(1) of the California Code of Regulations. For a chart and explanation from the waterboard, you can see their technical [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2019
Violations Found:	Yes

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Eval Type:	Routine done by local agency
Eval Notes:	The new ownership has a new EPA ID number. According to station manager, no hazardous waste has been generated since the last pickup 3/2018, 40 lbs of contaminated debris/filters. Two 55 gallon drums are on site for the collection of solid and liquid contaminated materials. Liquid from the spill buckets was left on site in the drums today. Update label to reflect new owner.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-04-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	rejected due to missing / insufficient information.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-04-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	rejected due to missing / insufficient information.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-17-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	87 and 91 lines tested at 50 PSI for 1 hour. Vent and VR tested at 5 PSI as well. Soap testing showed no failures during this test conducted from the office using Facetime to observe for any issue. Repair Technician will send comments and pictures with the test report.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-28-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed passing 989 test. Combined and filed pictures associated with the repair.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-23-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and requested more info and payment for permit application.

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed permit application for SB and change to overfill protection (drop tube install). Spoke with Marjorie and agreed the fee for 793 is approprate for 793. The signed application page is missing and a copy was requested via email.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed COFR updates. Noticed an error. Requested correction. Tom Robbins responded with correction which was reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-31-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewing plan submitted prior to site visit. Rejected forms.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-31-2019
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Overfill equipment Inspection observed at 9:00 AM. Garrett Warren from CGRS conducted the inspection and testing (ICC and Veeder Root Certified) Facility inspection included removal of the probe to verify the level at which the audible and visual alarm activated. Upon inspection the audible alarm failed to function. The facility reported that the alarm was activated last week and was functioning properly. Upon further trouble shooting, the alarm returned to proper function. Please do the following things to verify that the alarm continues to function properly. 1. Until the potentially failing part is replaced, test the alarm using the test button each operating day. 2. Replace the potentially failing part (timer) as noted by the technician on the inspection report. The probe floats, set to go off at 108 inches or just under 90% of the tank volume appeared to function properly along with the audible visual alarm by the end of the inspection. Despite the verified [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Eval General Type:	Other/Unknown
Eval Date:	09-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted multiple submissions on CERS.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Started reviewing UST submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-12-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Finished reviewing UST submission. Rejected it due to "personnel responsibilities" section and noted that the facility did not have an owner operator agreement which may not be required. Discussed question with Dermot the UST specialist. Reviewed and accepted following submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Enforcement Action:

Site ID:	520772
Site Name:	APRO Distribution 2201 Tad’s 76
Site Address:	402 S DELAWARE ST
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	08-15-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Certified NOV letter delivered to business Aug 19, 2019. 10/9/19: NO VIOLATIONS OPEN IN DISPATCH CENTER, NOV RESOLVED.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Tom Robins
Entity Title:	Staff Geologist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Affiliation Type Desc:	Operator
Entity Name:	APRO, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(310) 323-3992

Affiliation Type Desc:	Parent Corporation
Entity Name:	APRO LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Tank Owner
Entity Name:	APRO Distribution
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(310) 323-3992

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Document Preparer
Entity Name:	Tom Robins
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Tom Robins
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	Not reported

UNOCAL SERVICE STATION #6390 (Continued) **1000167419**

Affiliation Zip:	90808
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	APRO, LLC
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(310) 323-3992
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	402 S Delaware Street
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Linda B Spady Trust
Entity Title:	Not reported
Affiliation Address:	8031 Grand Avenue
Affiliation City:	Fairbanks
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95628
Affiliation Phone:	(310) 323-3992
Affiliation Type Desc:	UST Tank Operator
Entity Name:	APRO Distribution
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(310) 323-3992

A12 **TAD'S 76 #256390** **UST** **U004262390**
North **402 S DELAWARE ST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.006 mi.
32 ft. **Site 12 of 45 in cluster A**

Relative: UST:
Higher

Name:	APRO DISTRIBUTION 2201 TAD'S 76
Address:	402 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94402
Facility ID:	Not reported
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.56598
Longitude:	-122.31916

Actual:
22 ft.

TAD'S 76 #256390 (Continued) **U004262390**

Name:	TAD'S 76 #256390
Address:	402 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94402
Facility ID:	41-000-016955
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.566178
Longitude:	-122.319241

Name:	APRO DISTRIBUTION 2201 TAD'S 76
Address:	402 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94402
Facility ID:	Not reported
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.56598
Longitude:	-122.31916

A13 **SHINODA SHIGEAKI SHIG** **EDR Hist Auto** **1020671379**
WSW **500 E FOURTH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.010 mi.
52 ft. **Site 13 of 45 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
23 ft.

Year:	Name:	Type:
1969	SHINODA SHIGEAKI	Gasoline Service Stations
1971	SHINODA SHIGEAKI SHIG	Gasoline Service Stations
1972	SHINODA SHIGEAKI SHIG	Gasoline Service Stations

A14 **TACO BELL #30746** **San Mateo Co. BI** **S119781707**
WSW **500 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.010 mi.
52 ft. **Site 14 of 45 in cluster A**

Relative: San Mateo Co. BI:
Higher

Actual:
23 ft.

Name:	TACO BELL #30746
Address:	500 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0065467
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0077859
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	TACO BELL #30746
Address:	500 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0056551
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0083912
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable

TACO BELL #30746 (Continued) **S119781707**

Program Category: BUSINESS PLAN PROGRAM

A15 **TACO BELL #1295** **San Mateo Co. BI** **S123179285**
WSW **500 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.010 mi.
52 ft. **Site 15 of 45 in cluster A**

Relative: San Mateo Co. BI:
Higher
Name: TACO BELL #1295
Actual: Address: 500 4TH
23 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0000815
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069597
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

A16 **TAQUERIA LAS CASUELAS** **San Mateo Co. BI** **S123180082**
NW **517 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.016 mi.
82 ft. **Site 16 of 45 in cluster A**

Relative: San Mateo Co. BI:
Higher
Name: TAQUERIA LAS CASUELAS
Actual: Address: 517 4TH
22 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0007286
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069607
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

A17 **JIFFY LUBE # 1151** **RCRA NonGen / NLR** **1024821254**
NE **407 S DELAWARE ST** **CAL000336618**
< 1/8 **SAN MATEO, CA 94402**
0.019 mi.
98 ft. **Site 17 of 45 in cluster A**

Relative: RCRA NonGen / NLR:
Higher
Date Form Received by Agency: 2008-09-24 00:00:00.0
Actual: Handler Name: JIFFY LUBE # 1151
22 ft. Handler Address: 407 S DELAWARE ST
Handler City,State,Zip: SAN MATEO, CA 94402-1300
EPA ID: CAL000336618
Contact Name: DRU FANTICOLA
Contact Address: 1422 EDINGER AVE STE 150
Contact City,State,Zip: TUSTIN, CA 92780-6299
Contact Telephone: 714-444-4940
Contact Fax: 714-444-4946

JIFFY LUBE # 1151 (Continued) **1024821254**

Contact Email:	DRU.FANTICOLA@TFGFLP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1422 EDINGER AVE STE 150
Mailing City,State,Zip:	TUSTIN, CA 92780-6299
Owner Name:	M C LLC
Owner Type:	Other
Operator Name:	DRU FANTICOLA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

JIFFY LUBE # 1151 (Continued) **1024821254**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	M C LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1422 EDINGER AVE STE 150
Owner/Operator City,State,Zip:	TUSTIN, CA 92780-6299
Owner/Operator Telephone:	714-444-4940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DRU FANTICOLA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1422 EDINGER AVE STE 150
Owner/Operator City,State,Zip:	TUSTIN, CA 92780-6299
Owner/Operator Telephone:	714-444-4940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-09-24 00:00:00.0
Handler Name: JIFFY LUBE # 1151	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

JIFFY LUBE # 1151 (Continued) **1024821254**

List of NAICS Codes and Descriptions:
NAICS Code: 811198
NAICS Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A18 **JIFFY LUBE 1151** **CERS HAZ WASTE** **S121774597**
NE **407 S DELAWARE** **CERS TANKS** **N/A**
< 1/8 **SAN MATEO, CA 94401** **CERS**
0.019 mi.
98 ft. **Site 18 of 45 in cluster A**

Relative: Higher
Actual: 22 ft.

CERS HAZ WASTE:
Name: JIFFY LUBE 1151
Address: 407 S DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 39795
CERS ID: 10071571
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: JIFFY LUBE 1151
Address: 407 S DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 39795
CERS ID: 10071571
CERS Description: Aboveground Petroleum Storage

CERS:
Name: JIFFY LUBE 1151
Address: 407 S DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 39795
CERS ID: 10071571
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-02-2019
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management,

JIFFY LUBE 1151 (Continued) **S121774597**

	and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 07/31/2019. Some training was recorded for 4/2018. Some additional hazardous waste training is conducted online. Records for each employee could not be generated today. Training is required to be documented annually. Submit complete training records including the date of training, employee names, employee job titles, and hazardous waste job descriptions for each job title. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-19-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide systems or follow procedures to prevent overfills as described in the SPCC Plan, and/or failure to routinely test to ensure proper operation.
Violation Notes:	Returned to compliance on 09/10/2018. The overfill protection system for the middle used oil tank did not appear to function normally today. Submit evidence of correction that the alarm works or further explanation of how overfill is provided for these 3 tanks that are piped together. Submit that within 30 days to Env. Health.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-02-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 07/31/2019. One 110 gal petroleum tote appears to be missing from the map, stored centrally in the pit next to the oily water. Please confirm the total oil stored on site and update the map to include that tote. Submit the updated map within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-26-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to discuss in the SPCC Plan the appropriate containment, diversionary structures, or equipment to prevent a discharge, including typical failure mode and most likely quantity of discharge

JIFFY LUBE 1151 (Continued) **S121774597**

for the following: bulk storage containers, mobile/portable containers, oil-filled equipment, piping and related appurtenances, mobile refuels or non-transportation-related tank cars, and transfer areas, equipment and activities.

Violation Notes: Returned to compliance on 08/16/2016. Secondary containment for second mop water drums is not addressed in the plan.
Violation Division: San Mateo County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-19-2018
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes: Returned to compliance on 09/20/2018. Please verify if/who sends a copy of the manifest to the DTSC. Submit evidence of completion to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-19-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 09/20/2018. Observation: Manifest 016768674 JJK is missing the designated facility signed copy. Correction: Submit the copy to Env. Health within 30 days noting that the manifest is kept on file.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-26-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/26/2016. Waste inspection logs are up to date as of 7/21/16, but appear to be filled out regularly. Continue to implement this process to avoid worn out labels. Update the following labels: Used oil last picked up 7/20/16 (date unclear). Last date filled out on hazardous waste label is 7/6/16, ensure label is updated

JIFFY LUBE 1151 (Continued) **S121774597**

as usual. Waste oily mop water stored outside has a label that has deteriorated and the physical state, hazardous properties, and accumulation start date are not legible. This label was updated on site. Used antifreeze was last picked up 4-5-16. Recommend removing hazardous waste labels (not currently filled out) from tank for clarity. This was corrected on site.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-02-2019
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 07/02/2019. Continue to maintain the daily inspection of tanks. Tanks were inspected through May. Corrected on site. Please provide evidence that daily inspection are being maintained.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-19-2018
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Description: Failure to comply with general tank operating requirements: (a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail;. (b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: (1) spill prevention controls (e.g., check valves, dry discount couplings); (2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and (3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., standby tank with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank).
Violation Notes: Returned to compliance on 09/18/2018. The waste antifreeze tank is continuously filled without a being equipped with a level sensing or overfill prevention device. Provide overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank). There may be an existing overfill alarm on the "dead" tank, however, please contact your tank company to choose the appropriate system for your tank. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW

JIFFY LUBE 1151 (Continued) **S121774597**

Violation Source:	CERS
Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-26-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan.
Violation Notes:	Returned to compliance on 08/16/2016. Secondary containment is not provided for mop water stored outside.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-19-2018
Citation:	22 CCR 12 66262.42(a), (b), (d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.42(a), (b), (d)
Violation Description:	Failure to determine the status of any hazardous waste if a signed copy of the manifest isnG t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isnG t received within 45 days of the date the waste was accepted by the initial transporter.
Violation Notes:	Observation: Manifest 016768674 JJK (2017) is missing the designated facility signed copy. Verify if this manifest is in the facility records or submit an exception report to DTSC if not found. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-19-2018
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 09/18/2018. Daily inspections were conducted through June. Staff could not confirm that the overfill prevention system is tested daily. Submit records of daily inspections to Env. Health within 30 days. Provide one-two weeks of inspections and document how you inspected (and repaired where necessary) the overfill prevention systems as part of the inspections. The area behind the tank appears to be difficult to inspect. Verify that this area can be inspected. Possible inspection tools include providing a mirror, camera, or other device that can be used to check the tank construction for corrosion and leaks. Provide a response to inspecting the back side of the tank.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

JIFFY LUBE 1151 (Continued) **S121774597**

Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-26-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 08/16/2016. Example provided today. Please send a copy to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	07-19-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/20/2018. The accumulation start date on the waste oily water is missing. This one was corrected on site. The facility is using the "used oil filters" label on the waste oily paper filters drums. Update this marking to include all the requirements of the hazardous waste label. The brake pads waste container (15 gal) is marked with a hazardous waste label, however, it was not filled out with the required information. The waste antifreeze was marked with an accumulation start date of 7/2/18, however the last pickup was April 18th. The hauler indicated no waste antifreeze was picked up on 7/2. Ensure that this waste is picked up every 90 days and provide an explanation of your policy for management of waste antifreeze. Note: All small containers of used oil and filters are required to be labeled and closed unless they are immediately transported to the waste drum/tank. Please keep that in mind with regard to your filter crushing procedure. Submit evidence of [Truncated]
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	39795
Site Name:	JIFFY LUBE 1151
Violation Date:	08-13-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/14/2020. OBSERVED: One of two drums of oily water (hazardous waste) is dated 3/16/20. Based on the conversation with Bay, this date seems to be incorrect. Ensure that the date is added to the container only when they add the waste to the

JIFFY LUBE 1151 (Continued) **S121774597**

drum. The used oil collection container in each service pit is a metal box in the pit that collects oil under the car. It is not labeled. While used for storage, keep labeled. Recommendation: label connected piping with the contents and direction of flow. REQUIRED ACTION: Correct the label and provide evidence of correction to Evn. Health within 30 days.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-02-2019
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failure to meet the following conditions of satellite accumulation regulations: G Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. G Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. G The generator complies with section 66265.171, 66265.172, and 66265.173(a). G The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words G Hazardous WasteG including specified information G Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a G 90 dayG accumulation area G 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes: Returned to compliance on 07/31/2019. The oily water manifest was dated 2/2019. The label for the drum was illegible. Update the label and submit evidence of correction to Env. Health within 30 days. Also ensure this container is kept properly closed.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-19-2018
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 09/18/2018. Waste oil filters (3 paper filters drums outside) were not properly closed with the ring secured in the outdoor storage area. The oily water container was not properly closed (bung lid) in the pit. The (15 gal) brake pads drum was open. Close containers of hazardous waste when not actively filling/draining them. Submit evidence of correction to Env. Health within 30 days.

JIFFY LUBE 1151 (Continued) **S121774597**

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-19-2018
Citation: HSC 6.5 25201.16(f) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.16(f)
Violation Description: Failure to comply with the applicable requirements related to accumulation and containment standards for universal waste aerosol cans.
Violation Notes: Returned to compliance on 09/18/2018. Universal waste aerosol can container is full of cans and does not have a cover available. Provide lid for closing the container at the end of each work day. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 39795
Site Name: JIFFY LUBE 1151
Violation Date: 07-19-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.
Violation Notes: Returned to compliance on 09/20/2018. The "dead" 500 gallon oil tank does not appear to be inspected. Verify that this tank is properly closed and removed from the SPCC or inspect it as per the procedures in the SPCC plan. Currently there is an overfill alarm attached to this tank. All permanently closed tanks must be free of liquid and sludge They must be labeled "Permanently Closed" with the date of closure noted on label. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

JIFFY LUBE 1151 (Continued) **S121774597**

Eval General Type: Other/Unknown
Eval Date: 03-17-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-03-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS Submission with updates accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-20-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-05-2014
Violations Found: No

JIFFY LUBE 1151 (Continued) **S121774597**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-05-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-05-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Additional information may be required to be submitted on your APSA / SPCC activities on the next HMBP submission in CERS.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste hauler: World oil, TSDF US Ecology, Los Angeles Estimated waste generated - Used oil: 7000 gal over last 6 months - Waste Antifreeze: 70-100 gal every 3 months - Waste oil filters paper and oily solids:1600 lbs / year est. - Waste oil filters metal: 7 drums/6 months - Waste Aerosol cans - Waste Automotive Batteries - Fluorescent bulbs 7/30/18. Ewaste 4/8/19. - Oily water: 1 gal - Brake fluid 5 gal
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-03-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejecting plan missing email for E.Contact. Accepted updated submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

JIFFY LUBE 1151 (Continued) **S121774597**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-19-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The HMBP was last submitted 2/28/18. The printed HMBP is dated 2016. Some changes have been completed. Recommend keeping the most recent copy on site.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-19-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-19-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	1000-1400 gallons used oil per month 500-700 gallons oily water per year 7 waste oil filter drums per year 180 gallons waste antifreeze per year Waste oily solids and paper oil filters: 700-1400 lbs per year
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-26-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-26-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-26-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW

JIFFY LUBE 1151 (Continued) **S121774597**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-06-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updates. Closed associated violations.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-11-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspection report recorded 8/13/20 following the inspection on 8/11/20. Scope of inspection: Phone interview and physical inspection of the tanks stored in the below-grade pit. No above-grade tanks observed. Facility has a PE stamped plan which was completed Nov. 1, 2018. No annual or 5-year modifications noted in the records provided. No significant changes observed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-11-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection report recorded 8/13/20 following the inspection on 8/11/20. No spills reported and shop is clean. A new property owner notification was submitted to Robert Sabbatini, Trustee on 8/6/20. Last HMBP submission was 2/18/20. Plan was reviewed during the inspection (pre-interview) and no changes were noted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-11-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	File Review: Records provided by Ban Nguyen, district manager, 7/28/20. Training conducted G 4/5/18: Emergency response, HMBP, and SPCC, hazardous waste G 2/11/19: Emergency response, HMBP, and SPCC, hazardous waste G 2/14/20: Emergency response, HMBP, and SPCC, hazardous waste G Hazardous waste training must include: date of training, employee names, employee job titles, and hazardous waste job descriptions for each job title. Hazardous Waste Tank Assessment: 8/5/16 1. Waste oil tank South (a) 2. Waste oil center tank (b) 3. Waste oil tank north (c) 4. Waste coolant AST - steel tank Waste manifests provided via email (last 2 for waste streams) Oily solids / paper filters 1 drum 7/7/20 Please provide a copy of the uniform hazardous waste manifest. Drum labeled and dated 7/7/20 Second drum dated 3/16/20. Based on the conversation with Bay, this date seems to be incorrect. Ensure that the date is added to the container only add [Truncated]

JIFFY LUBE 1151 (Continued) **S121774597**

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-10-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Environmental Contact
Entity Name: M.C. LLC
Entity Title: Not reported
Affiliation Address: 1422 EDINGER AVE, SUITE 150
Affiliation City: TUSTIN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92780
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1422 EDINGER AVE., STE 150
Affiliation City: TUSTIN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92780
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: SAUL BELTRAN
Entity Title: DISTRICT MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: M C LLC
Entity Title: Not reported

JIFFY LUBE 1151 (Continued) **S121774597**

Affiliation Address:	1422 EDINGER AVE., STE 150
Affiliation City:	TUSTIN
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92780
Affiliation Phone:	(714) 444-4940
Affiliation Type Desc:	Operator
Entity Name:	M C LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 444-4940
Affiliation Type Desc:	Parent Corporation
Entity Name:	M.C. LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	KPA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A19 **RL LAZATIN** **LUST** **U001596041**
NE **407 S DELAWARE** **HIST UST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.019 mi.
98 ft. **Site 19 of 45 in cluster A**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:

Name:	SHELL
Address:	407 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110005
Facility Status:	9- Case Closed
Global ID:	T0608100479
APN Number:	034189010
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

HIST UST:

RL LAZATIN (Continued) **U001596041**

Name:	RL LAZATIN
Address:	407 S DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
File Number:	0002C28B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C28B.pdf
Region:	STATE
Facility ID:	00000000770
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	R.L. LAZATIN
Telephone:	4153484117
Owner Name:	SHELL OIL COMPANY
Owner Address:	P.O. BOX 4848
Owner City,St,Zip:	ANAHEIM, CA 92803
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	1967
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	2
Year Installed:	1967
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	3
Year Installed:	1967
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	4
Year Installed:	1967
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10
Tank Num:	005
Container Num:	5
Year Installed:	1970
Tank Capacity:	00008000
Tank Used for:	PRODUCT

RL LAZATIN (Continued) **U001596041**

Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, 10

Click here for Geo Tracker PDF:

A20 **HELNICK INC** **EDR Hist Auto** **1020421611**
NE **407 S DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.019 mi.
98 ft. **Site 20 of 45 in cluster A**

Relative: EDR Hist Auto
Higher

Actual: **22 ft.**

Year:	Name:	Type:
1969	4TH AVENUE SHELL	Gasoline Service Stations
1970	4TH AVENUE SHELL	Gasoline Service Stations
1971	FOURTH AVENUE SHELL	Gasoline Service Stations
1972	NICKS SUPER SHELL	Gasoline Service Stations
1972	FOURTH AVENUE SHELL	Gasoline Service Stations
1973	FOURTH AVENUE SHELL	Gasoline Service Stations
1973	NICKS SUPER SHELL	Gasoline Service Stations
1974	NICKS SUPER SHELL	Gasoline Service Stations
1974	FOURTH AVENUE SHELL	Gasoline Service Stations
1975	HELNICK INC	Gasoline Service Stations
1976	HELNICK INC	Gasoline Service Stations
1977	HELNICK INC	Gasoline Service Stations
1978	HELNICK INC	Gasoline Service Stations
1979	HELNICK INC	Gasoline Service Stations
1980	HELNICK INC	Gasoline Service Stations
1982	HELNICK INC	Gasoline Service Stations
1983	HELNICK INC	Gasoline Service Stations
1996	JIFFY LUBE	General Automotive Repair Shops
1997	JIFFY LUBE	General Automotive Repair Shops
1999	AMERICAN OIL CHANGE CORP	General Automotive Repair Shops
2000	AMERICAN OIL CHANGE CORP	General Automotive Repair Shops
2001	JIFFY LUBE INTERNATIONAL INC	General Automotive Repair Shops
2002	JIFFY LUBE INTERNATIONAL INC	General Automotive Repair Shops
2003	JIFFY LUBE INTERNATIONAL INC	General Automotive Repair Shops
2004	JIFFY LUBE INTERNATIONAL INC	General Automotive Repair Shops

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A21 **JIFFY LUBE** **AST** **A100421233**
NE **407 S DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.019 mi.
98 ft. **Site 21 of 45 in cluster A**

Relative: AST:
Higher

Actual: **22 ft.**

Name: JIFFY LUBE
Address: 407 S DELAWARE
City/Zip: SAN MATEO,94401
Certified Unified Program Agencies: Not reported
Owner: M C LLC
Total Gallons: Not reported
CERSID: 10071571
Facility ID: 41-000-045191

JIFFY LUBE (Continued) **A100421233**

Business Name:	M.C. LLC
Phone:	650-344-8242
Fax:	Not reported
Mailing Address:	1422 EDINGER AVE., STE 150
Mailing Address City:	TUSTIN
Mailing Address State:	CA
Mailing Address Zip Code:	92780
Operator Name:	M C LLC
Operator Phone:	714-444-4940
Owner Phone:	714-444-4940
Owner Mail Address:	1422 EDINGER AVE., STE 150
Owner State:	CA
Owner Zip Code:	92780
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAL000336618

A22 **SHELL** **LUST** **S103894135**
NE **407 SOUTH DELAWARE STREET** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94401** **Cortese**
0.019 mi. **HIST CORTESE**
98 ft. **Site 22 of 45 in cluster A** **CERS**

Relative:
Higher

Actual:
22 ft.

LUST:

Name:	SHELL
Address:	407 SOUTH DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100479
Global Id:	T0608100479
Latitude:	37.566334
Longitude:	-122.318786
Status:	Completed - Case Closed
Status Date:	12/04/2001
Case Worker:	Not reported
RB Case Number:	41-0503
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110005
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0608100479
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported

SHELL (Continued) **S103894135**

Phone Number: Not reported

LUST:
Global Id: T0608100479
Action Type: ENFORCEMENT
Date: 01/31/1989
Action: Notice of Responsibility - #1

Global Id: T0608100479
Action Type: Other
Date: 11/07/1989
Action: Leak Discovery

Global Id: T0608100479
Action Type: Other
Date: 11/07/1989
Action: Leak Reported

LUST:
Global Id: T0608100479
Status: Open - Case Begin Date
Status Date: 01/31/1989

Global Id: T0608100479
Status: Completed - Case Closed
Status Date: 12/04/2001

San Mateo Co. BI:
Name: JIFFY LUBE #1151
Address: 407 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022717
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0025337
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: JIFFY LUBE #1151
Address: 407 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022717
Prog Element Code: STORES HAZ MAT <6999 GAL, 55999 LB, 2799FT^3
Record Id: PR0025338
Description: STORES HAZ MAT <6999 GAL, 55999 LB, 2799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: JIFFY LUBE 1151
Address: 407 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045191

SHELL (Continued) **S103894135**

Prog Element Code: STORES HAZ MAT <6999 GAL, 55999 LB, 2799FT^3
Record Id: PR0058241
Description: STORES HAZ MAT <6999 GAL, 55999 LB, 2799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: JIFFY LUBE 1151
Address: 407 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045191
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068890
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: JIFFY LUBE 1151
Address: 407 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045191
Prog Element Code: 2353
Record Id: PR0067277
Description: TANK STOR CAP =>1,320 & <10,000 GAL
Facility Status: Active, billable
Program Category: ABOVE GROUND PETROLEUM STORAGE (AST)

Name: JIFFY LUBE 1151
Address: 407 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045191
Prog Element Code: 2221
Record Id: PR0058242
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT - LQG
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: SHELL
Address: 407 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100479
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported

SHELL (Continued) **S103894135**

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SHELL
edr_fadd1: 407 DELAWARE
City,State,Zip: SAN MATEO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0503

CERS:
Name: SHELL
Address: 407 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94401
Site ID: 188339
CERS ID: T0608100479
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A23 **A M A TIRES & WHEELS** **San Mateo Co. BI** **S110376411**
NW **525 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.019 mi.
98 ft. **Site 23 of 45 in cluster A**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:
Name: A M A TIRES & WHEELS
Address: 525 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046510
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0071816
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: A M A TIRES & WHEELS
Address: 525 4TH

A M A TIRES & WHEELS (Continued) **S110376411**

City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0046510
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0071817
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	A M A TIRES & WHEELS
Address:	525 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0046510
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0077243
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

A24 **AMA TIRES** **RCRA NonGen / NLR** **1025868383**
NW **525 E 4TH AVE** **CAL000364127**
< 1/8 **SAN MATEO, CA 94401**
0.019 mi.
98 ft. **Site 24 of 45 in cluster A**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		2011-05-27 00:00:00.0
Actual: Handler Name:	AMA TIRES	
22 ft. Handler Address:		525 E 4TH AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000364127
Contact Name:		ALFREDO MEDRANO
Contact Address:		16265 E 14TH ST
Contact City,State,Zip:		SAN LEANDRO, CA 94578
Contact Telephone:		650-515-5019
Contact Fax:		Not reported
Contact Email:		AMATIRESSM@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		16265 E 14TH ST
Mailing City,State,Zip:		SAN LEANDRO, CA 94578-0000
Owner Name:		ALFREDO MEDRANO
Owner Type:		Other
Operator Name:		ALFREDO MEDRANO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No

AMA TIRES (Continued) **1025868383**

Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:06:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALFREDO MEDRANO
Legal Status:	Other

AMA TIRES (Continued) **1025868383**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16265 E 14TH ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94578
Owner/Operator Telephone:	650-515-5019
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALFREDO MEDRANO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16265 E 14TH ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94578-0000
Owner/Operator Telephone:	650-515-5019
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-05-27 00:00:00.0
Handler Name: AMA TIRES	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A25 **A M A TIRES & WHEELS** **CERS HAZ WASTE** **S121767907**
NW **525 E 4TH AVE** **CERS** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.019 mi.
98 ft. **Site 25 of 45 in cluster A**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: A M A TIRES & WHEELS
Address: 525 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 366625
CERS ID: 10341382
CERS Description: Hazardous Waste Generator

CERS:
Name: A M A TIRES & WHEELS
Address: 525 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 366625
CERS ID: 10341382
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 02-18-2021
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: OBSERVED: No HMBP training record was able to be provided for 2019-2021. 2018 record was observed. REQUIRED ACTION: Submit a copy of the completed training record for 2020-2021 to Env. Health by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 09-12-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/26/2017. Ensure facility employees have access to the HMBP on site. Print out and or provide employees access. Notify Env. Health that this has been completed.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 09-14-2018
Citation: 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good

A M A TIRES & WHEELS (Continued) **S121767907**

condition.

Violation Notes: Returned to compliance on 11/15/2018. The used oil drum is punctured with a hole, about dime sized, at the top of the container. These drums are required to be kept closed except when filling or draining. Corrective action: Replace this drum with a properly closed drum. The facility is currently storing an empty drum used for storing new oil. You could possibly replace your used oil drum with this drum. Submit evidence of correction to Env. Health within 30 days. Provide a picture or request an inspection from Env. Health.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 09-14-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 09/24/2018. If the facility mailing address and emergency contacts have changed, please updated them within 30 days. The las submission was completed on 12/19/16. This was due to be reviewed and submitted again (annually) on 12/19/17 or before. Corrective Action: Submit updated plan within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 08-07-2014
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 07/08/2015. 4/15/15 NOV sent 5/13/15 NOV sent 6/11 spoke to Natalia, working on HMBPs for both sites and will e-mail pictures of other violations
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 09-14-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount

A M A TIRES & WHEELS (Continued) **S121767907**

	greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 11/29/2018. No waste antifreeze manifest record could be located for the last year. No manifest record for hazardous waste paper oil filter pickup in the last year could be located. Corrective Action: Provide evidence that the hazardous waste antifreeze was picked up within the last year. If it has been longer than one year, have the waste picked up and properly manifested within 30 days. Provide evidence of correction to Env. Health within 30 days. If paper filters are intended to be separated from metal filters, the maximum accumulation time is 365 days when using point of generation or satellite accumulation rules (ex. Facility may have only 1 drum). If paper filters are to be routinely mixed with metal filters, all filters are consider hazardous waste.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 02/21/2019. EPA ID number CAL000364127 is inactive. Use evq.dtsc.ca to complete the verification questionnaire to reactivate EPA ID. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 11/15/2018. The waste antifreeze drum was open during the inspection. Corrective Action: Clean up spill on top of the drum and keep the bung lid closed. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-12-2016
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)

A M A TIRES & WHEELS (Continued) **S121767907**

Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 01/26/2017. Post emergency procedures, phone numbers, and equipment locations. Form for posting provided today. Complete and provide a response within 30 days .
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	08-09-2014
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/13/2015. 4/15/15 NOV sent 5/13/15 NOV sent 6/11 spoke to Natalia, working on HMBPs for both sites and will e-mail pictures of other violations 7/8/15 Per on-site compliance inspection spoke to Raul at 525 E 4th ave and informed him that the HMBP is over due and to have Natalia complete it by 7/10/15.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 11/19/2018. Please update the map with storm drains. One is located on the street in front of the building on 4th, close to Delaware St. The other one is around the corner on Delaware. Also, please make minor corrections to the storage of hazardous materials and waste in the storage area.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/15/2018. 2x55 gallon drums of oil and one 55 gallon drum of waste antifreeze and 2 55 gallon drums of mixed

A M A TIRES & WHEELS (Continued) **S121767907**

(paper and metal) used oil filters are missing a completed hazardous waste label. Each "roll-around" oil receptacle is also not labeled. Provide evidence of corrections, including all the required labeling elements, on each container (listed above) to Env. Health within 30 day. Provide a picture or contact Env. Health for a re-inspection.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 08-07-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/08/2015. 4/15/15 NOV sent 5/13/15 NOV sent 6/11 spoke to Natalia, working on HMBPs for both sites and will e-mail pictures of other violations
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 02-18-2021
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: OBSERVED: 1. Used oil label hanging from above, not on the drum. It is marked with the recent pick-up date 2/17/21. 2. Used oil drum marked with the accumulation start date 5/1/19. 3. "Roll-around" oil drains have no hazardous waste label. 4. Oily debris drum marked with a date prior to the most recent pick-up date 5/12/20. REQUIRED ACTION: 1. Provide a complete hazardous waste label on each containers of hazardous waste (used oil drum and used oil "roll-around" drains. 2. Correct all accumulation start dates listed above. 3. Submit evidence of completion (a picture of each corrected label) to Env. Health by the comply by day. THIS IS A REPEAT VIOLATION.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 02-18-2021
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month

A M A TIRES & WHEELS (Continued) **S121767907**

	if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	OBSERVED: 1. No record of waste filter pick-up was provided today. Drum is marked as hazardous waste. The drum was marked with an accumulation start date of 3/1/19. 2. No record of waste antifreeze (marked as hazardous waste). Container is marked with an accumulation start date in 2018 and appears to have some material stored inside it. REQUIRED ACTION: Each of the container above, when determined to be hazardous waste, has a maximum accumulation time of 365 days. Provide evidence that this waste has had a pick-up by your hazardous waste hauler within the last year. If not yet completed, schedule the pick-up and submit a copy of the manifest showing completion to Env. Health by the comply by date. Note: Other options for handling this waste may exist, however, please contact Env. Health if you intend to use one of the other options.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	02-18-2021
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	OBSERVED: EPA ID CAL000364127 is inactive. REQUIRED ACTION: Complete the form at EVQ.DTSC.CA.GOV to complete the annual verification questionnaire. Click "reactivate ID". Otherwise form 1358 will be required to be submitted to DTSC. SUBMIT EVIDENCE OF COMPLETION TO ENV. HEALTH BY THE COMPLY BY DATE. THIS IS A REPEAT VIOLATION.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	02-18-2021
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	OBSERVED: The final copy for manifest 016051694JJK (for oily solids on 5/12/20) was not able to be located today. It may have been received by the main office in Hayward. REQUIRED ACTION: Facility is required to maintain 3 years of manifests (designated facility copies). Locate a copy and send it to Env. Health for verification within 7 days. If you need to locate it, submit the located manifest by the comply by date. Contact your hauler and designated facility for a copy.

A M A TIRES & WHEELS (Continued) **S121767907**

Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	02-18-2021
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	OBSERVED: Oil found to be collecting in one of the drum secondary containment for used oil. REQUIRED ACTION: Containers and storage areas are required to be inspected weekly for evidence of leaks. Clean oil from the secondary containment regularly so that this can be properly inspected. Used oil may not be stored in the secondary containment. Submit evidence of completion to Env. Health by the comply by date. Provide a picture of the cleaned secondary containment.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 11/19/2018. The training program on site is more thorough than the one posted on the portal. Upload the one in the folder on site or include the following: Evacuation/re-entry procedures & assembly point locations Emergency incident reporting External emergency response organization notification Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure (i.e., inhalation, ingestion, absorption) Current employees training records (to be retained until closure of the facility) Former employees' training records (to be retained at least three years after termination of employment) Training Program(s) (i.e., written description of introductory and continuing training) Record of recordable/reportable hazardous material/waste releases
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/20/2018. No record of employee training

A M A TIRES & WHEELS (Continued) **S121767907**

was available during the inspection. Corrective Action: Submit a copy of the completed HMBP/Emergency Response training record to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 02-18-2021
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes: OBSERVED: It could not be verified that the UNIFORM HAZARDOUS WASTE MANIFEST (NOT the consolidated pink yellow forms) has been sent to DTSC within 30 days of pick-up. Reference manifest 016051694JJK (for oily solids on 5/12/20). REQUIRED ACTION: Submit a copy of the manifest 016051694JJK to DTSC within 30 days. Submit evidence of completion to Env. Health by the comply by date. Address: DTSC Generator Manifests Department of Toxic Substances Control P.O. Box 400 Sacramento, CA- 95812-0400
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 09-12-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/21/2016. Provide record of completed training on the hazardous material business plan. Send a copy to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Violation Date: 09-12-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 02/09/2017. Complete the notification to the owner. Form provided today during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 366625

A M A TIRES & WHEELS (Continued) **S121767907**

Site Name:	A M A TIRES & WHEELS
Violation Date:	09-14-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 11/19/2018. No record of the property owner notification available on site. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-26-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Emergency procedures posted during the re-inspection. The business plan was on site. Property owner notification discussed with the shop manager and David Medrano the owner's son. Please complete this notification immediately to close the ope violation.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-26-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Emergency procedures posted during the re-inspection. The business plan was on site. Property owner notification discussed with the shop manager and David Medrano the owner's son. Please complete this notification immediately to close the open violation.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	G Modified inspection procedures used. Met with David Medrano on site. G Scope of the inspection: Inside shop, back area for waste storage in same building. No outside except for front parking. G Facility operations: Auto Repair G Last submitted: 3/31/20. G REMINDER, SUMBMIT ANNUAL HMBP FORMS ONLINE BY 3/31/2021. G Changes to facility: None as reported. G Copy of plan on site: Yes, in office folder. G Activities: no issues noted. G Owner Operator Page: G Property Owner Notification: No changes to property owner. Inventory changes: Please change waste filters to pounds. You can report metal filters, paper filters, and oily debris together if desired with two drums at a maximum of 400-500 lbs. G Contingency plan: No issues noted. G Training Plan: no issues. G Training Record: 2018 record was on site. Ensure this is conducted annually. Include hazardous waste and universal waste management in your training. Submit a completed record to [Truncated]

A M A TIRES & WHEELS (Continued) **S121767907**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	G Modified inspection procedures used. Met with David Medrano on site. G Scope of the inspection: Inside shop, back area for waste storage in same building. No outside except for front parking. G Facility operations: Auto Repair RECORDS: G EPA ID INACTIVE. 2020 EVQ form not filled out. https://hwts.dtsc.ca.gov/facility/CAL000364127 G Login to https://evq.dtsc.ca.gov/Home.aspx to complete the annual verification questionnaire and keep the ID active. G Training: G SQG Training: Free training available. Please utilize it. G Free webinar training on hazardous waste management: https://calcupa.org/conference/free-sessions.html G March 4, 2021 from 8:00am G 11:45am G March 16, 2021 from 8:00am G 11:45am G SMC Free Hazardous waste training for Small quantity generators: Webinar every other month, 8-10 AM. Register here: https://www.nesglobal.net/shop/san-mateo/hw-for-sqgs-webinar-san-mateo / G March 11 G May 13 G July 8 G September 9 G [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-31-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Called to contact AMA Tires regarding HMBP submission. Rescheduled, called later. Spoke to David via phone and HMBP was submitted and reviewed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-14-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	daily entry to generate violation for NOV
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-07-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	New HMBP PR not in system yet
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

A M A TIRES & WHEELS (Continued) **S121767907**

Eval Date:	08-07-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Contact Joel Rivera when asked about the florescent lamps disposal he said that they put the bad lamps in the trash. I looked in the trash containers on site and found no evidence of lamps being placed in the trash. I informed Joel that it was illegal to place the lamps in the trash and that as of 8/7/14 to immediately discontinue the practice of placing the lamps in the trash. I informed him of the proper disposal methods for the lamps.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-12-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-12-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site Approx. waste collection: 130 gallons of used oil is picked up every 3 months. Two 55 gallon drums of waste oil filters. Last pickup was 5/9/18. No record for paper filters. No separate drum. The last waste antifreeze was picked up 9/18/15.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-18-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

A M A TIRES & WHEELS (Continued) **S121767907**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed HMBP and provided a detailed response in decline. Also reviewed the change request form (which seemed to be blank).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-03-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-19-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Property owner notification observed posted on site. The HMBP was reviewed and updated during the inspection including the map and the employee training plan.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-19-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted HMBP.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-19-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The record for the waste antifreeze pickup was observed during this inspection. That item is corrected. Provide a copy of the waste/used oil and gasoline filter pickup record. Contact Env. Health for assistance with the EPA ID number EVQ (tentatively planned for next week with David).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

A M A TIRES & WHEELS (Continued) **S121767907**

Eval General Type: Other/Unknown
Eval Date: 12-30-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with comments.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 366625
Site Name: A M A TIRES & WHEELS
Site Address: 525 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 01-31-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 7/17/17: Facility violations marked complied in violation dispatch center 1/26/17 and 2/9/17.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Site Address: 525 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 05-13-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Site Address: 525 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 05-13-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 366625
Site Name: A M A TIRES & WHEELS
Site Address: 525 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 07-17-2015
Enf Action Type: AEO - Unified Program

A M A TIRES & WHEELS (Continued) **S121767907**

Enf Action Description:	Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes:	11/3 spoke to Natalia, advised to contact Bill and set up a meeting by 11/11 or final order will be issued.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Site Address:	525 E 4TH AVE
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	07-17-2015
Enf Action Type:	AEO - Unified Program
Enf Action Description:	Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes:	11/3 spoke to Natalia, advised to contact Bill and set up a meeting by 11/11 or final order will be issued.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS
Site ID:	366625
Site Name:	A M A TIRES & WHEELS
Site Address:	525 E 4TH AVE
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	08-07-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Coordinates:

Site ID:	366625
Facility Name:	A M A TIRES & WHEELS
Env Int Type Code:	HWG
Program ID:	10341382
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.566320
Longitude:	-122.319600

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Alfredo Medrano
Entity Title:	Not reported
Affiliation Address:	27656 INDUSTRIAL BLVD
Affiliation City:	HAYWARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94545
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator

A M A TIRES & WHEELS (Continued) **S121767907**

Entity Name:	Ama Tires
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 376-3484
Affiliation Type Desc:	Parent Corporation
Entity Name:	A M A TIRES & WHEELS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	525 E 4TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	DAVID MEDRANO
Entity Title:	SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	MEDRANO, ALFREDO
Entity Title:	Not reported
Affiliation Address:	525 E 4TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401

A M A TIRES & WHEELS (Continued) **S121767907**

Affiliation Phone:	(650) 376-3484
Affiliation Type Desc:	Document Preparer
Entity Name:	DAVID MEDRANO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

B26 **QUALITY CLEANERS** **EDR Hist Cleaner** **1018953494**
SSE **548 E FIFTH AV** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.019 mi.
100 ft. **Site 1 of 4 in cluster B**

Relative: EDR Hist Cleaner
Higher

Actual: **23 ft.**

Year:	Name:	Type:
1986	QUALITY CLEANERS	Garment Pressing And Cleaners' Agents
1987	QUALITY CLEANERS	Garment Pressing And Cleaners' Agents

A27 **SERVICE PRESS INC** **RCRA NonGen / NLR** **1000432870**
WNW **397 S CLAREMONT ST** **FINDS** **CAD047382031**
< 1/8 **SAN MATEO, CA 94401** **ECHO**
0.027 mi.
142 ft. **Site 26 of 45 in cluster A**

Relative: RCRA NonGen / NLR:
Higher

Actual: **23 ft.**

Date Form Received by Agency:		1980-07-30 00:00:00.0
Handler Name:	SERVICE PRESS INC	
Handler Address:		397 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAD047382031
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		397 S CLAREMONT ST
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		415-343-3309
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		CA
State District:		2
Mailing Address:		397 S CLAREMONT ST
Mailing City,State,Zip:		SAN MATEO, CA 94401
Owner Name:		SERVICE PRESS INC

SERVICE PRESS INC (Continued) **1000432870**

Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:20:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

SERVICE PRESS INC (Continued) **1000432870**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SERVICE PRESS INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1980-07-30 00:00:00.0
Handler Name: SERVICE PRESS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:

SERVICE PRESS INC (Continued) **1000432870**

Registry ID: 110002646735

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000432870
Registry ID:	110002646735
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002646735
Name:	SERVICE PRESS INC
Address:	397 S CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94401

C28 **ARNOLD PEDERSON LUMBER** **LUST** **S102424655**
WSW **400 CLAREMONT** **Cortese** **N/A**
< 1/8 **SAN MATEO, CA 94401** **HIST CORTESE**
0.031 mi. **CERS**
164 ft. **Site 1 of 6 in cluster C**

Relative: Higher

Actual: 24 ft.

SAN MATEO CO. LUST:

Name:	ARNOLD PEDERSON LUMBER
Address:	400 S CLAREMONT
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110101
Facility Status:	9- Case Closed
Global ID:	T0608100902
APN Number:	034193060
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	ARNOLD PEDERSON LUMBER
Address:	400 SOUTH CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100902
Global Id:	T0608100902
Latitude:	37.565560331248
Longitude:	-122.319999039173
Status:	Completed - Case Closed
Status Date:	11/21/2002
Case Worker:	Not reported
RB Case Number:	41-0987
Local Agency:	Not reported
File Location:	Local Agency Warehouse
Local Case Number:	110101

ARNOLD PEDERSON LUMBER (Continued) **S102424655**

Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100902
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100902
Action Type: ENFORCEMENT
Date: 11/21/2002
Action: Closure/No Further Action Letter - #20021121

Global Id: T0608100902
Action Type: RESPONSE
Date: 11/21/2002
Action: Correspondence

Global Id: T0608100902
Action Type: ENFORCEMENT
Date: 04/27/1995
Action: Notice of Responsibility - #19950474

Global Id: T0608100902
Action Type: ENFORCEMENT
Date: 12/13/2018
Action: Email Correspondence - #20181213

Global Id: T0608100902
Action Type: ENFORCEMENT
Date: 11/27/2002
Action: Staff Letter - #20021127

Global Id: T0608100902
Action Type: ENFORCEMENT
Date: 11/21/2002
Action: Closure Summary - #20021121

Global Id: T0608100902
Action Type: Other
Date: 03/16/1995
Action: Leak Reported

Global Id: T0608100902
Action Type: REMEDIATION
Date: 07/24/1997
Action: Not reported

LUST:
Global Id: T0608100902

ARNOLD PEDERSON LUMBER (Continued) **S102424655**

Status: Open - Case Begin Date
Status Date: 03/16/1995

Global Id: T0608100902
Status: Completed - Case Closed
Status Date: 11/21/2002

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110101
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: ARNOLD PEDERSON LUMBER
Address: 400 SOUTH CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100902
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: ARNOLD PEDERSON LUMBER
edr_fadd1: 400 CLAREMONT
City,State,Zip: SAN MATEO, CA
Region: CORTESE

ARNOLD PEDERSON LUMBER (Continued) **S102424655**

Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0987

CERS:
Name: ARNOLD PEDERSON LUMBER
Address: 400 SOUTH CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94401
Site ID: 211296
CERS ID: T0608100902
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A29 **ANDYS BP INC DBA GAS & SHOP** **RCRA NonGen / NLR** **1024809286**
North **609 E 4TH AVE** **CAL000283934**
< 1/8 **SAN MATEO, CA 94401**
0.038 mi.
203 ft. **Site 27 of 45 in cluster A**

Relative: **Lower**
Actual: **21 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2004-07-06 00:00:00.0
Handler Name: ANDYS BP INC DBA GAS & SHOP
Handler Address: 609 E 4TH AVE
Handler City,State,Zip: SAN MATEO, CA 94401-3313
EPA ID: CAL000283934
Contact Name: JACK WINNER
Contact Address: 1045 AIRPORT BLVD
Contact City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Contact Telephone: 650-333-5558
Contact Fax: 650-873-7144
Contact Email: JWINNER@SELFSERVEPETRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1045 AIRPORT BLVD
Mailing City,State,Zip: SOUTH SAN FRANCISCO, CA 94080
Owner Name: ANDYS BP INC
Owner Type: Other
Operator Name: JACK WINNER
Operator Type: Other

ANDYS BP INC DBA GAS & SHOP (Continued) **1024809286**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:25:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

ANDYS BP INC DBA GAS & SHOP (Continued) **1024809286**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANDYS BP INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1045 AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-3088
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK WINNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1045 AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-333-5558
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-07-06 00:00:00.0
Handler Name:	ANDYS BP INC DBA GAS & SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A30 **TOSCO NORTHWEST CO NO 11205** **RCRA-SQG** **1000985300**
North **609 E 4TH AVE** **FINDS** **CA0001038348**
< 1/8 **SAN MATEO, CA 94401** **ECHO**
0.038 mi.
203 ft. **Site 28 of 45 in cluster A**

Relative: **Lower**

Actual: **21 ft.**

RCRA-SQG:

Date Form Received by Agency:	1995-02-09 00:00:00.0
Handler Name:	TOSCO NORTHWEST CO NO 11205
Handler Address:	609 E 4TH AVE
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CA0001038348
Contact Name:	LYNN CHUN
Contact Address:	601 UNION ST STE 2500
Contact City,State,Zip:	SEATTLE, WA 98101
Contact Telephone:	206-442-7193
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	UNION ST STE 2500
Mailing City,State,Zip:	SEATTLE, WA 98101
Owner Name:	TOSCO NORTHWEST CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TOSCO NORTHWEST CO NO 11205 (Continued) **1000985300**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:31:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOSCO NORTHWEST CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 UNION ST STE 2500
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-442-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-02-09 00:00:00.0
Handler Name:	TOSCO NORTHWEST CO NO 11205
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TOSCO NORTHWEST CO NO 11205 (Continued) **1000985300**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002624660

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000985300
Registry ID: 110002624660
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002624660
Name: TOSCO NORTHWEST CO NO 11205
Address: 609 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401

A31 **GAS AND SHOB** **EDR Hist Auto** **1020482328**
North **609 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.038 mi.
203 ft. **Site 29 of 45 in cluster A**

Relative: EDR Hist Auto
Lower

Actual:
21 ft.

Year:	Name:	Type:
1977	GUERAMI MANI	Gasoline Service Stations
1978	GUERAMI MANI	Gasoline Service Stations
1979	GUERAMI MANI	Gasoline Service Stations
1980	GUERAMI MANI	Gasoline Service Stations
1982	GUERAMI MANI	Gasoline Service Stations
1983	GUERAMI MANI	Gasoline Service Stations
1985	GUERAMI MANI	Gasoline Service Stations
1986	GUERAMI MANI	Gasoline Service Stations
1986	MOBIL WEST COAST	Gasoline Service Stations
1987	MOBIL WEST COAST	Gasoline Service Stations
1987	GUERAMI MANI	Gasoline Service Stations

GAS AND SHOB (Continued) **1020482328**

1988	GUERAMI MANI	Gasoline Service Stations
2001	MOBIL STATION	Gasoline Service Stations
2002	MOBIL STATION	Gasoline Service Stations
2003	GAS AND SHOB	Gasoline Service Stations
2004	GAS AND SHOB	Gasoline Service Stations
2005	GAS AND SHOB	Gasoline Service Stations, NEC
2006	GAS AND SHOB	Gasoline Service Stations, NEC
2007	GAS AND SHOB	Gasoline Service Stations, NEC
2008	ANDYS BP INC	Gasoline Service Stations, NEC
2008	GAS AND SHOB	Gasoline Service Stations, NEC
2009	GAS AND SHOB	Gasoline Service Stations, NEC
2009	ANDYS BP INC	Gasoline Service Stations, NEC
2010	ANDYS BP INC	Gasoline Service Stations, NEC
2010	GAS AND SHOB	Gasoline Service Stations, NEC
2011	ANDYS BP INC	Gasoline Service Stations, NEC
2012	ANDYS BP INC	Gasoline Service Stations, NEC

A32 **BP OIL COMPANY FACILITY #11205** **LUST U001595997**
North **609 E 4TH AVE** **SWEEPS UST N/A**
< 1/8 **SAN MATEO, CA 94401** **HIST UST**
0.038 mi.
203 ft. **Site 30 of 45 in cluster A**

Relative: **Lower**
Actual: **21 ft.**

SAN MATEO CO. LUST:

Name:	BP #11205
Address:	609 E 4TH AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110044
Facility Status:	9- Case Closed
Global ID:	T0608100078
APN Number:	034188160
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

SWEEPS UST:

Name:	BP OIL COMPANY FACILITY #11205
Address:	609 E 4TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110044
Number:	1
Board Of Equalization:	Not reported
Referral Date:	05-11-94
Action Date:	05-11-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110044-000001
Tank Status:	A
Capacity:	6000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	3

Name:	BP OIL COMPANY FACILITY #11205

BP OIL COMPANY FACILITY #11205 (Continued) **U001595997**

Address: 609 E 4TH AVE
City: SAN MATEO
Status: Active
Comp Number: 110044
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-11-94
Action Date: 05-11-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110044-000002
Tank Status: A
Capacity: 8000
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: BP OIL COMPANY FACILITY #11205
Address: 609 E 4TH AVE
City: SAN MATEO
Status: Active
Comp Number: 110044
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-11-94
Action Date: 05-11-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110044-000003
Tank Status: A
Capacity: 10000
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: MOBIL OIL CORP.
Address: 609 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000005823
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MANI GUERAMI
Telephone: 4153489362
Owner Name: MOBIL OIL CORP
Owner Address: P. O. BOX 4002
Owner City,St,Zip: CONCORD, CA 94524
Total Tanks: 0003

Tank Num: 001

BP OIL COMPANY FACILITY #11205 (Continued) **U001595997**

Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test

A33 **MOBIL SERVICE STATION** **HIST UST** **U001595998**
North **609 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.038 mi.
203 ft. **Site 31 of 45 in cluster A**

Relative: HIST UST:
Lower

Actual:
21 ft.

Name:	MOBIL SERVICE STATION
Address:	609 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
File Number:	0002C072
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C072.pdf
Region:	STATE
Facility ID:	00000039502
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	MANI GUERAMI
Telephone:	4153489362
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

MOBIL SERVICE STATION (Continued) **U001595998**

Tank Num:	002
Container Num:	2
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	003
Container Num:	3
Year Installed:	1982
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	004
Container Num:	4
Year Installed:	1966
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

A34 **BP OIL #11205** **LUST** **S103893910**
North **609 4TH** **Cortese** **N/A**
< 1/8 **SAN MATEO, CA 94401** **HIST CORTESE**
0.038 mi. **CERS**
203 ft. **Site 32 of 45 in cluster A**

Relative: **Lower**
Actual: **21 ft.**

LUST:

Name:	BP #11205
Address:	609 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100078
Global Id:	T0608100078
Latitude:	37.566327
Longitude:	-122.318618
Status:	Completed - Case Closed
Status Date:	12/27/2011
Case Worker:	DGM
RB Case Number:	41-0083
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency
Local Case Number:	110044
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Extracted from Arcadis' March 8, 2010 Second 2009 Semiannual Groundwater Monitoring Report, San Mateo County does not take responsibility for the accuracy of the statements made or any

BP OIL #11205 (Continued) **S103893910**

professional interpretations made in the referenced report. The site is an active Gas-N-Shop gasoline retail outlet located at the intersection of South Delaware Street and East Fourth Street in San Mateo, California. The site is located in a mixed commercial and residential area. Surrounding properties include ARCO, Unocal 76, Shell, Beacon and Chevron service stations within 300 feet. BP acquired the property from Mobil Oil Corporation in 1989. In August 1994, BP transferred the property to TOSCO Marketing Company (TOSCO), currently ConocoPhillips, and has not operated the facility since that time. There are currently three gasoline underground storage tanks (USTs) operating at the site. One 280-gallon waste oil UST was removed in September 1988. The dispensers were modified and product lines replaced in May 1991. Approximately 65 cubic yards of soil was excavated. Four onsite and three offsite groundwater monitoring wells have been installed at the site. MW-1 through MW-4 are onsite wells installed in 1992. MW-5 through MW-7 were installed offsite in 1993. All of these wells are completed to an approximate depth of 26 to 28 feet bgs. Groundwater monitoring has occurred at the site since the wells were installed. Since 1995, groundwater monitoring at the site has been coordinated with groundwater sampling activities conducted at ARCO Service Station No. 0515, located west of the site.

LUST:

Global Id:	T0608100078
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292

Global Id:	T0608100078
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100078
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Semi-Annually

Global Id:	T0608100078
Action Type:	RESPONSE
Date:	07/15/2008
Action:	Monitoring Report - Semi-Annually

Global Id:	T0608100078
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Monitoring Report - Semi-Annually

BP OIL #11205 (Continued) **S103893910**

Global Id: T0608100078
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100078
Action Type: RESPONSE
Date: 03/15/2012
Action: Well Destruction Report

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 02/01/2010
Action: Staff Letter

Global Id: T0608100078
Action Type: ENFORCEMENT

BP OIL #11205 (Continued) **S103893910**

Date: 09/12/2011
Action: Staff Letter - #20110912

Global Id: T0608100078
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100078
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 06/25/1991
Action: Notice of Responsibility - #1

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 03/25/2003
Action: Staff Letter - #20030325

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 08/11/2011
Action: LOP Case Closure Summary to RB - #20110811

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 12/22/2011
Action: Closure/No Further Action Letter - #20111222

Global Id: T0608100078
Action Type: Other
Date: 07/09/1992
Action: Leak Discovery

Global Id: T0608100078
Action Type: Other
Date: 10/03/1988
Action: Leak Reported

Global Id: T0608100078
Action Type: RESPONSE
Date: 06/14/2010
Action: Other Report / Document

Global Id: T0608100078
Action Type: REMEDIATION
Date: 05/01/1991
Action: Excavation

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 04/23/2009
Action: Staff Letter - #20090423

BP OIL #11205 (Continued) **S103893910**

Global Id: T0608100078
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

LUST:
Global Id: T0608100078
Status: Open - Case Begin Date
Status Date: 10/03/1988

Global Id: T0608100078
Status: Open - Site Assessment
Status Date: 10/03/1988

Global Id: T0608100078
Status: Completed - Case Closed
Status Date: 12/27/2011

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment underway
Case Number: 110044
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: BP #11205
Address: 609 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100078
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported

BP OIL #11205 (Continued) **S103893910**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: BP
edr_fadd1: 609 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0083

CERS:
Name: BP #11205
Address: 609 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 206635
CERS ID: T0608100078
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENO MILANO - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503726292

A35 **GAS & SHOP** **UST** **U004264231**
North **609 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.038 mi.
203 ft. **Site 33 of 45 in cluster A**

Relative: UST:
Lower Name: GAS & SHOP
Address: 609 E 4TH AVE
Actual: City,State,Zip: SAN MATEO, CA 94401
21 ft. Facility ID: FA0016917
Permitting Agency: San Mateo County Environmental Health

GAS & SHOP (Continued) **U004264231**

Latitude: 37.566604
Longitude: -122.319163

A36 **GAS & SHOP** **San Mateo Co. BI** **S117976043**
North **609 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.038 mi.
203 ft. **Site 34 of 45 in cluster A**

Relative: **Lower**

Actual: **21 ft.**

San Mateo Co. BI:

Name:	GAS & SHOP
Address:	609 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016917
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022118
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Active, billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	GAS & SHOP
Address:	609 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016917
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023705
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	GAS & SHOP
Address:	609 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016917
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068734
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	GAS & SHOP
Address:	609 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016917
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0044356
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

A37 **ANDYS BP INC DBA GAS & SHOP** **CERS HAZ WASTE** **S113132820**
North **609 E 4TH AVE** **CERS TANKS** **N/A**
< 1/8 **SAN MATEO, CA 94401** **HAZNET**
0.038 mi. **CERS**
203 ft. **Site 35 of 45 in cluster A** **HWTS**

Relative: **Lower**

Actual: **21 ft.**

CERS HAZ WASTE:
Name: GAS & SHOP
Address: 609 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 32584
CERS ID: 10065463
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: GAS & SHOP
Address: 609 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 32584
CERS ID: 10065463
CERS Description: Underground Storage Tank

HAZNET:
Name: ANDYS BP INC DBA GAS & SHOP
Address: 609 E 4TH AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94080
Contact: JACK WINNER
Telephone: 6503335558
Mailing Name: Not reported
Mailing Address: 1045 AIRPORT BLVD

Year: 2018
Gepaid: CAL000283934
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.01000

Year: 2018
Gepaid: CAL000283934
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.52500

Year: 2016
Gepaid: CAL000283934
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.42

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Year:	2013
Gepaid:	CAL000283934
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.21
Year:	2011
Gepaid:	CAL000283934
TSD EPA ID:	CAL000190816
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.209
Year:	2009
Gepaid:	CAL000283934
TSD EPA ID:	CAD059494310
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.374

Additional Info:

Year:	2013
Gen EPA ID:	CAL000283934
Shipment Date:	20130319
Creation Date:	6/7/2013 22:15:20
Receipt Date:	20130329
Manifest ID:	005785526FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Year:	2009
Gen EPA ID:	CAL000283934
Shipment Date:	20090826
Creation Date:	10/6/2009 18:30:19
Receipt Date:	20090901
Manifest ID:	002994407FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000283934
Shipment Date:	20111107
Creation Date:	2/15/2012 20:30:21
Receipt Date:	20111107
Manifest ID:	003933901FLE
Trans EPA ID:	CAL000209350
Trans Name:	EXCEL ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000190816
Trans Name:	ROT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

CERS:
Name: GAS & SHOP
Address: 609 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 32584
CERS ID: 10065463
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-25-2018
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 02/06/2018. The last AMC and any work orders associated with the alarms are not in the facility file. Provide a copy to Env. Health and keep a copy in the binder within 30 days and note that this must be available during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-16-2014
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Notes: Returned to compliance on 01/16/2014. Diesel MLLD failed, replaced, retested and passed at time of inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 04-06-2018
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the Annual Monitoring System Certification Form to the UPA within 30 days of completion of the test.
Violation Notes: Returned to compliance on 04/06/2018. Annual monitoring system certification was not sent to the CUPA within 30 days. Upon request, a copy was immediately provided. Corrected.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-25-2018
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated,

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

operated, and/or maintained properly.
Violation Notes: Returned to compliance on 01/25/2018. The line leak detector for 91/premium did not initially function properly due to an issue with relay which allowed the pump to stay on. The relay was replaced and this was corrected during the inspection. Two dispenser stand-alone sensors failed when tested. These were replaced during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-22-2019
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 01/22/2019. The following line leak detectors did not function properly upon initial testing. Premium Regular Correction: Premium LLD changed to VMI:LD 99-2000 and tested during the inspection. The regular was also previously VMI: LD 99-2000, however the monitoring plan shows FE-Petro. This one was also replaced and re-tested during the inspection. Both passed.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-22-2019
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs and upgrades on site, or off site if approved by the UPA, for the life of the UST.
Violation Notes: Returned to compliance on 04/19/2019. No UST monitoring plan found on site. No AMC from 2018 found on site. No secondary containment test from 2018 found on site. File records on site or keep them accessible through the computer on site. Submit a response or other evidence of how those forms are kept on site.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-25-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Violation Notes:	Returned to compliance on 02/27/2018. the label on the 15 gal container of waste absorbent was no longer legible. According to Jack, this will be transfered to the larger labeled container. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-29-2020
Citation:	23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes:	Returned to compliance on 01/29/2020.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-16-2014
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 01/16/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-22-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 04/10/2019. No UST monitoring plan found on site. No AMC from 2018 found on site. No secondary containment test from 2018 found on site. File records on site or keep them accessible through the computer on site. Submit a response or other evidence of how those forms are kept on site.
Violation Division:	San Mateo County Environmental Health

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-22-2019
Citation:	23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description:	"Failure to submit a copy of the overfill prevention equipment inspection results on the G Overfill Prevention Equipment Inspection Report FormG to the UPA within 30 days after the inspection. "
Violation Notes:	Returned to compliance on 05/01/2019. Overfill equipment testing due Oct. 2018 has not been conducted. Upon inspection today, the equipment was not able to be removed for testing (drop tube). Conduct testing. Notify Env. Health 48 hours prior to testing. Complete this within 30 days. Submit the completed report to Env. Health within 30 days of completion.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-25-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 01/25/2018. No record of training could be located during the inspection for January 2018. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-29-2020
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 01/29/2020. Line leak detector for regular did not pass. Adjustment was attempted. New LLD installed tested and passed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-22-2019

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes:	Returned to compliance on 04/19/2019. No UST monitoring plan found on site. No AMC from 2018 found on site. No secondary containment test from 2018 found on site. Per other violation, alarm follow up records are not complete. File records on site or keep them accessible through the computer on site. Submit a response or other evidence of how those forms are kept on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-22-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/08/2019. Premium LLD changed today: VMI: LD 99-2000 The regular was also previously VMI: LD 99-2000, however the monitoring plan shows FE-Petro. Update the line leak detector section of the monitoring plan and resubmit on CERS within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-22-2019
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 01/28/2019. The float on the 87 regular ATG could not be tested during the inspection because the float was stuck in the riser. The technician, Robert, said he had ordered the part and tentatively planned to install it on Monday the 28th. Please notify Env. Health 48 hours prior to testing so that the test can be observed. Submit evidence of completion of repairs and retesting to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-25-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy.

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).

Violation Notes: Returned to compliance on 02/06/2018. Alarms as follows did not have any follow up action documented on the monthly DO report: L1 4/11/17 Fuel alarm L3 1/20/17, 2/10/17 Submit evidence that these alarms were followed on. Submit to Env. Health within 30 days. A leak alarm log has been provided so that employees can document this as needed.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-22-2019
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: Returned to compliance on 01/22/2019. No record of employee DO UST training could be located for 2018. This is scheduled to be documented today at 2PM however the training has been rescheduled to include all employees. Provide evidence of correction or completion of employee training for 2018 and 2019 to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-25-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/06/2018. Submit an updated hazardous material inventory with the new hazard classifications. No propane was observed on site. update the maximum storage quantity of waste solid contaminated with fuel and waste liquid contaminated fuel to be more accurate to the new site program (3x55 gallon drums observed today).
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 32584
Site Name: GAS & SHOP
Violation Date: 01-19-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23,

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	Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 02/10/2017. Corrosion protection mark as isolation. Buried part of vent is fiberglass. Update those items on each tank page and resubmit on CERS within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-19-2017
Citation:	23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description:	Failure to submit or update a plot plan.
Violation Notes:	Returned to compliance on 02/10/2017. Plot plan indicates 6000, 8000, and 10,000 gallon tanks. Also, it indicates the tanks are 87, 89, and 91 with no diesel. Make corrections to map and resubmit on CERS within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-16-2014
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 01/16/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-29-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/29/2020. 1 drum of solid and 1 drum of liquid hazardous waste waste mixed with fuel were both not marked with the accumulation start date. The label for the liquid waste was missing, however that was corrected on site. Have the drums picked up and/or provide the accumulation start date on the waste solid container.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

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Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-25-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/25/2018. No record of HMBP training was provided during the inspection. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-25-2018
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 02/23/2018. Although a flapper was observed, the 87 tank was overfilled today at approx. 2:00 PM. It could not be confirmed why the overfill occurred with limited warning. Jack said he was near the panel when the alarm went off, however, the driver did and DO did not notice any change in flow or hear the warning. Approx. 5 gallons flowed onto the pavement. Additionally, overfill alarms were observed frequently in the alarm history. Consider installing an audible/visual annunciator system to avoid overfills like this in the future. Over pressurizing the tank could cause it to crack, resulting in a release to the environment. Provide evidence to Env. Health that there is sufficient administrative (training) and engineering controls (alarms/shut-off systems) in place to prevent overfills. Submit that within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-19-2017
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes:	Returned to compliance on 01/19/2017. DO report for August did not

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	indicate the July 13th Premium STP sump alarm was responded to. Provide a comment about the follow-up action. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-25-2018
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 01/25/2018. The line leak detector for diesel failed when tested during the inspection. This was replaced during the inspection. it was re-tested and passed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-25-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 02/23/2018. No manifests were available during the inspection. Submit a copy of the 2015-2018 manifest to Env. Health within 30 days. Also submit any land disposal restriction forms.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Violation Date:	01-22-2019
Citation:	23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description:	Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 06/17/2019. DO monthly reports indicate alarms and compliance issues, but do not clearly record how alarms or other compliance issues are properly followed up on. Submit the alarm record with an explanation of each follow-up action on the next monthly DO report. A work order associated with each alarm is also sufficient. Submit a copy of the properly completed DO report or alarm response records (work orders) to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST

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Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The spill response material and spent spill material are kept in a locked room. 2 55 gallon drums on site for storing UST testing water, both empty
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW

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Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-21-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-22-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	VMI: LD 99-2000 premium updated today. The regular was also previously VMI: LD 99-2000, however the monitoring plan shows FE-Petro. Single-walled tank. Recommend facility continue to take steps to prevent overfills.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	I spoke with the fuel delivery driver Jimmy Mellan who indicated that the overfill occurred suddenly and he expected that the tank could contain more fuel. No one observed a stick blocking the flapper and the driver indicated that he did not block open the fill tube shut-off equipment. No one on the site including the DO was able to notice a change in the rate of fueling or movement in the hose, like the flapper activating before they noticed fuel coming out of the fuel/vapor risers. I spoke with Jack Winner about these violations as well as the store manager.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste Containers observed on site: 55 gallon solids contaminated with gasoline 55 gallon liquids with gasoline Bulbs changed out today are reportedly taken to Home Depot for recycling. 15 gallon waste absorbents contaminated with gasoline

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Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted. Requested update for comment about map and training plan.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected based on recent inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and filed pictures of newly installed collars for STP and UDC sensors.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-28-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	10:00 AM ATG for 87 regular inspected. Float installed and high level alarm functioned. 2:00 PM training conducted with site employees. Provide a date for the overfill protection equipment testing. Send an update on records by the comply by date.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HMBP last submitted 1/17/19. Rob provided UST and HMBP annual training for employees today. He is covering both topics and I reminded him to make sure that HMBP topics are documented along with the UST certificate.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

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Eval Date:	01-29-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	2 drums of water mixed with fuels and 1 drum of solids (used nozzles) was on site. Spill absorbent material was also readily available.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Spill Buckets: 87: Regular passed 91: Passed Diesel passed. Observations: Contractor ICC Sumps and spill containers: Liquid observed in each sump. Th water was removed during the inspection. Set-up Alarm History Flags: Max product noted. Jan 2019. None since then. L1 87 STP Sump 12/13/19, 11/1/19, 3/2/19 L2 89 STP sump 11/1/19 L3 91 STP Sump 12/13/19, 11/1/19, 2/4/19 Print out Tanks 1 9800 Tank 2 Premium 7 800 Tank 3 780 Paperwork: DO reports for 12 months: 10/2019 missing. 12/2019 document recreated, okay.Please add a comment to each follow up actions section to note no action required if already corrected DO notification for test ok Work orders:wit orders match alarm history Alarm history matching 1/25/18 CSLD history printed. Tested 0.2 GPH test Jan 29, 2020 and passed for tank 1-3. Employee Training: 1/28/19 Last monitor cert.: 1/22/19 Sec containment test: Sw tank Overfill protection report: Electronic Submission: Last [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-16-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted corrections.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

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Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-26-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-05-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted minor updates to UST forms - DO page.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-06-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted minor updates. Corrected training plan submitted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updates to CERS records for UST.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-17-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with no changes in CERS. HW training now included.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown

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Eval Date:	04-06-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Filed AMC.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-19-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Downloaded cers spreadsheet. Used flagging spreadsheet. No flags found. Accepted requested updates from prior inspection. Accepted forms. Violations associated have been closed in EC.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Updates accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-30-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Please submit a copy of the next DO report with corrective actions for each alarm or the alarm log. For 7800 gallon tanks, Modern welding tank chart generator used to create the tank chart. Overfill protection system testing observed. Please provide a copy of the worksheet with measurement, tank charts used, and manufacturer or other applicable procedure. Modern Welding tank charts used on site. OPW PEI procedure used.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-02-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Filed record of overfill testing.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-10-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

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Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-30-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-05-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted. UST comments added.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Verify for each tank that the vent stack is steel. Typically it is fiberglass. Verify Isolation is listed in the corrosion protection section for each tank. Verify diesel components for vapor recovery are installed. Currently this is listed as fiberglass single-walled. On

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	the map, one tank is listed as 6,000, 8,000, and 10,000. According to the submission. there are two 7,800 gal tanks and one 9,800 gal tanks.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-19-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Permit expires 2/1/19 Training completed 1/18/16 Secondary containment testing completed 1/28/15 0.2 gallons per hour leak test records documented with the DO report.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-20-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-20-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	SB 989 test report for 2015 was emailed to san mateo county during inspection. mechanical line leak detectors do not shut off pumps
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Enforcement Action:

Site ID:	32584
Site Name:	GAS & SHOP
Site Address:	609 E 4TH AVE
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	01-16-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	32584
Site Name:	GAS & SHOP
Site Address:	609 E 4TH AVE
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	01-16-2014
Enf Action Type:	Notice of Violation (Unified Program)

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Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	32584
Facility Name:	GAS & SHOP
Env Int Type Code:	HWG
Program ID:	10065463
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.566792
Longitude:	-122.319122

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1045 AIRPORT BLVD
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	SABERI, ANDY
Entity Title:	Not reported
Affiliation Address:	1045 AIRPORT BLVD
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Andy’s BP, Inc.
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088

Affiliation Type Desc:	Document Preparer
Entity Name:	Jack Winner
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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Affiliation Type Desc:	Environmental Contact
Entity Name:	Tom Saberi
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	JACK WINNER
Entity Title:	Environmental Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Andy Saberi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 588-3088

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Andy Saberi
Entity Title:	Not reported
Affiliation Address:	1045 AIRPORT BLVD
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Parent Corporation
Entity Name:	Gas & Shop
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jack Winner
Entity Title:	Environmental Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 333-5558
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Andy Saberi
Entity Title:	Not reported
Affiliation Address:	1045 AIRPORT BLVD
Affiliation City:	S SAN FRANCISCO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088

HWTS:

Name:	ANDYS BP INC DBA GAS & SHOP
Address:	609 E 4TH AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944013313
EPA ID:	CAL000283934
Inactive Date:	Not reported
Create Date:	07/06/2004
Last Act Date:	08/24/2020
Mailing Name:	Not reported
Mailing Address:	1045 AIRPORT BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	ANDYS BP INC
Owner Address:	1045 AIRPORT BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Name:	JACK WINNER
Contact Address:	1045 AIRPORT BLVD
Contact Address 2:	Not reported
City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080

NAICS:

EPA ID:	CAL000283934
Create Date:	2004-07-06 12:13:12.387
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2004-07-06 12:13:12.38700
Inactive Date:	Not reported
Facility Name:	ANDYS BP INC DBA GAS & SHOP
Facility Address:	609 E 4TH AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO

ANDYS BP INC DBA GAS & SHOP (Continued) **S113132820**

Facility County: Not reported
Facility State: CA
Facility Zip: 944013313

A38 **MOBIL OIL CORP** **HIST UST** **S118413023**
North **609 E FOURTH AVENUE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.038 mi.
203 ft. **Site 36 of 45 in cluster A**

Relative: **Lower**
Actual: **21 ft.**

HIST UST:
Name: MOBIL OIL CORP
Address: 609 E FOURTH AVENUE
City,State,Zip: SAN MATEO, CA 94401
File Number: 0002C06B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C06B.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

B39 **PETERSON & ARNOLD PLANNING MIL** **San Mateo Co. BI** **S103893924**
SSW **421 5TH** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.040 mi.
211 ft. **Site 2 of 4 in cluster B**

Relative: **Higher**
Actual: **25 ft.**

San Mateo Co. BI:
Name: PETERSON & ARNOLD PLANNING MIL
Address: 421 5TH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0013310
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026393
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

A40 **CHEVRON 9-5336** **LUST** **S103893909**
NE **602 4TH** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94402** **Cortese**
0.045 mi. **HIST CORTESE**
236 ft. **Site 37 of 45 in cluster A** **CERS**

Relative:
Lower

Actual:
21 ft.

LUST:

Name:	CHEVRON 9-5336
Address:	602 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100844
Global Id:	T0608100844
Latitude:	37.566185
Longitude:	-122.318603
Status:	Completed - Case Closed
Status Date:	11/20/2001
Case Worker:	Not reported
RB Case Number:	41-0916
Local Agency:	Not reported
File Location:	Local Agency Warehouse
Local Case Number:	110102
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T0608100844
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100844
Action Type:	ENFORCEMENT
Date:	05/18/1995
Action:	Notice of Responsibility - #1
Global Id:	T0608100844
Action Type:	Other
Date:	05/11/1995
Action:	Leak Reported

LUST:

Global Id:	T0608100844
Status:	Open - Case Begin Date
Status Date:	05/11/1995
Global Id:	T0608100844
Status:	Completed - Case Closed
Status Date:	11/20/2001

CHEVRON 9-5336 (Continued) **S103893909**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110102
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	CHEVRON STATION
Address:	602 4TH
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016879
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022090
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	CHEVRON STATION
Address:	602 4TH
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016879
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023698
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	CHEVRON STATION
Address:	602 4TH
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016879
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0044357
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

CORTESE:

Name:	CHEVRON 9-5336
Address:	602 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Region:	CORTESE

CHEVRON 9-5336 (Continued) **S103893909**

Envirostor Id:	Not reported
Global ID:	T0608100844
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CHEVRON
edr_fadd1:	602 4TH
City,State,Zip:	SAN MATEO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0916

CERS:

Name:	CHEVRON 9-5336
Address:	602 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	220930
CERS ID:	T0608100844
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A41 **CHEVRON #5336** **LUST** **U001596022**
NE **602 E 4TH AVE** **SWEEPS UST** **N/A**
< 1/8 **SAN MATEO, CA 94301** **HIST UST**
0.045 mi.
236 ft. **Site 38 of 45 in cluster A**

Relative:
Lower

Actual:
21 ft.

SAN MATEO CO. LUST:

Name:	CHEVRON 9-5336
Address:	602 E 4TH AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110102
Facility Status:	9- Case Closed
Global ID:	T0608100844
APN Number:	034189080
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

SWEEPS UST:

Name:	CHEVRON #5336
Address:	602 E 4TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110002
Number:	2
Board Of Equalization:	Not reported
Referral Date:	05-11-94
Action Date:	05-11-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-110002-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	CHEVRON #5336
Address:	602 E 4TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110002
Number:	2
Board Of Equalization:	Not reported
Referral Date:	05-11-94
Action Date:	05-11-94
Created Date:	10-13-88
Owner Tank Id:	WC4883C
SWRCB Tank Id:	41-000-110002-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

CHEVRON #5336 (Continued) **U001596022**

Name:	CHEVRON #5336
Address:	602 E 4TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110002
Number:	2
Board Of Equalization:	Not reported
Referral Date:	05-11-94
Action Date:	05-11-94
Created Date:	10-13-88
Owner Tank Id:	WC4883C
SWRCB Tank Id:	41-000-110002-000003
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PLUS UNLEADE
Number Of Tanks:	Not reported

HIST UST:

Name:	95336
Address:	602 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94402
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000062745
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	LENCK, LARS H
Telephone:	4156979013
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3

CHEVRON #5336 (Continued) **U001596022**

Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

A42 **AL CARBON** **San Mateo Co. BI** **S123183910**
NE **602 FOURTH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.045 mi.
236 ft. **Site 39 of 45 in cluster A**

Relative: San Mateo Co. BI:
Lower

Name:	AL CARBON
Address:	602 FOURTH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0057865
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0080276
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Actual:
21 ft.

A43 **YOUNGS HARRY CHEVRON SV STN** **EDR Hist Auto** **1020916705**
NE **602 E FOURTH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.045 mi.
236 ft. **Site 40 of 45 in cluster A**

Relative: EDR Hist Auto
Lower

Actual:
21 ft.

Year:	Name:	Type:
1969	YOUNGS HARRY CHEVRON SV STN	Gasoline Service Stations
1971	LUCAS NICK A	Gasoline Service Stations
1972	LUCAS NICK A	Gasoline Service Stations
1973	LUCAS NICK A	Gasoline Service Stations
1974	LUCAS NICK A	Gasoline Service Stations
1975	LUCAS NICK A	Gasoline Service Stations
1976	LUCAS NICK A	Gasoline Service Stations
1977	LUCAS NICK A	Gasoline Service Stations
1978	LUCAS NICK A	Gasoline Service Stations
1979	LUCAS NICK A	Gasoline Service Stations
1980	LUCAS NICK A	Gasoline Service Stations
1982	LUCAS NICK A	Gasoline Service Stations
1982	JACOMES AL 4TH AVENUE CHEVRON	Gasoline Service Stations

YOUNGS HARRY CHEVRON SV STN (Continued) **1020916705**

1983	JACOMES AL 4TH AVENUE CHEVRON	Gasoline Service Stations
1983	LUCAS NICK A	Gasoline Service Stations
1986	4TH AVE CHEVRON SVC	Gasoline Service Stations
1987	4TH AVE CHEVRON SVC	Gasoline Service Stations
1988	4TH AVE CHEVRON SVC	Gasoline Service Stations
1989	4TH AVE CHEVRON SVC	Gasoline Service Stations
1990	4TH AVE CHEVRON SVC	Gasoline Service Stations
1991	4TH AVE CHEVRON SVC	Gasoline Service Stations
1992	4TH AVE CHEVRON SERVICE	Gasoline Service Stations
1993	4TH AVE CHEVRON SERVICE	Gasoline Service Stations
1994	4TH AVE CHEVRON SERVICE	Gasoline Service Stations
1995	4TH AVE CHEVRON SERVICE	Gasoline Service Stations
1997	LENCK LARS H	Gasoline Service Stations
1998	LENCK LARS H	Gasoline Service Stations
1999	LENCK LARS H	Gasoline Service Stations
2000	LENCK LARS H	Gasoline Service Stations
2001	LENCK LARS H	Gasoline Service Stations
2002	LENCK LARS H	Gasoline Service Stations
2003	LENCK LARS H	Gasoline Service Stations
2004	GUSWAMI PAUL	Gasoline Service Stations
2005	GUSWAMI PAUL	Gasoline Service Stations, NEC
2006	GUSWAMI PAUL	Gasoline Service Stations, NEC
2007	GUSWAMI PAUL	Gasoline Service Stations, NEC
2008	GUSWAMI PAUL	Gasoline Service Stations, NEC

A44 **CHEVRON STATION NO 95336** **RCRA NonGen / NLR** **1005904442**
NE **602 E 4TH AVE** **FINDS** **CAR000122697**
< 1/8 **SAN MATEO, CA 94401** **ECHO**
0.045 mi. **HAZNET**
236 ft. **Site 41 of 45 in cluster A** **HWTS**

Relative: **Lower**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2013-03-13 00:00:00.0
Handler Name:	CHEVRON STATION NO 95336
Handler Address:	602 E 4TH AVE
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAR000122697
Contact Name:	KATHY NORRIS SLUSHER
Contact Address:	PO BOX 6004
Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	877-386-6044
Contact Fax:	866-849-4435
Contact Email:	NAWTDESK@CHEVRON.COM
Contact Title:	WASTE TECH
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON USA
Owner Type:	Private
Operator Name:	KATHY NORRIS SLUSHER

CHEVRON STATION NO 95336 (Continued) **1005904442**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2013-03-21 17:58:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

CHEVRON STATION NO 95336 (Continued) **1005904442**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATHY NORRIS SLUSHER
Legal Status:	Private
Date Became Current:	2006-03-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON USA
Legal Status:	Private
Date Became Current:	2006-03-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-06-17 00:00:00.0
Handler Name:	CHEVRON STATION NO 95336
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

CHEVRON STATION NO 95336 (Continued) **1005904442**

Electronic Manifest Broker: Not reported

Receive Date: 2013-03-13 00:00:00.0
Handler Name: CHEVRON STATION NO 95336
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012543097

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1005904442
Registry ID: 110012543097
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012543097
Name: CHEVRON STATION NO 95336
Address: 602 E 4TH AVE
City,State,Zip: SAN MATEO, CA 94401

CHEVRON STATION NO 95336 (Continued) **1005904442**

HAZNET:

Name:	CHEVRON STATION NO 95336
Address:	602 E 4TH AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944013347
Contact:	KATHY NORRIS-SLUSHER
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Year:	2006
Gepaid:	CAR000122697
TSD EPA ID:	CAD059494310
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.2
Year:	2006
Gepaid:	CAR000122697
TSD EPA ID:	CAD009452657
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	R01 - Recycler
Tons:	8.34417
Year:	2006
Gepaid:	CAR000122697
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	D99 - Disposal, Other
Tons:	7.74
Year:	2006
Gepaid:	CAR000122697
TSD EPA ID:	CAD009466392
CA Waste Code:	-
Disposal Method:	D99 - Disposal, Other
Tons:	4
Year:	2005
Gepaid:	CAR000122697
TSD EPA ID:	CAD009452657
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.252
Year:	2005
Gepaid:	CAR000122697
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.0175
Year:	2004
Gepaid:	CAR000122697
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids

CHEVRON STATION NO 95336 (Continued) **1005904442**

Disposal Method: R01 - Recycler
Tons: 0.045

Additional Info:
Year: 2006
Gen EPA ID: CAR000122697

Shipment Date: 20060329
Creation Date: 7/27/2006 18:35:05
Receipt Date: 20060405
Manifest ID: 24658414
Trans EPA ID: CAD059494310
Trans Name: INTEGRATED WASTESTREAM MANAGEMENT INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD059494310
Trans Name: CLEAN HARBORS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060320
Creation Date: 7/14/2006 18:30:33
Receipt Date: 20060320
Manifest ID: 24527751
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009466392
Trans Name: ECOLOGY CONTROL INDUSTRIES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 1
Waste Quantity: 2000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060317

CHEVRON STATION NO 95336 (Continued) **1005904442**

Creation Date:	7/14/2006 18:30:33
Receipt Date:	20060317
Manifest ID:	24792366
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	ECOLOGY CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	3.34
Waste Quantity:	6680
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060317
Creation Date:	7/14/2006 18:30:33
Receipt Date:	20060317
Manifest ID:	24792304
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	ECOLOGY CONTROL INDUSTRIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	3.4
Waste Quantity:	6800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060317
Creation Date:	7/14/2006 18:30:33
Receipt Date:	20060317
Manifest ID:	24792326
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	ECOLOGY CONTROL INDUSTRIES

CHEVRON STATION NO 95336 (Continued) **1005904442**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 4
Waste Quantity: 8000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060315
Creation Date: 7/27/2006 18:32:43
Receipt Date: 20060316
Manifest ID: 24527750
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: ROMIC ENVIRONMENTAL TECH EAST PALO A
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 8.34417
Waste Quantity: 2001
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAR000122697

Shipment Date: 20040324
Creation Date: 10/14/2004 7:35:58
Receipt Date: 20040401
Manifest ID: 23552353
Trans EPA ID: CAR000129304
Trans Name: FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID: CAD982444481
Trans 2 Name: FILTER RECYCLING SERVICES INC
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler

CHEVRON STATION NO 95336 (Continued) **1005904442**

Quantity Tons: 0.045
Waste Quantity: 90
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAR000122697

Shipment Date: 20051111
Creation Date: 1/3/2007 18:30:08
Receipt Date: 20051118
Manifest ID: 24675388
Trans EPA ID: CAR000162263
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: ROMIC ENVIRONMENTAL TECH CORP
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.252
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20051109
Creation Date: 1/3/2007 18:30:08
Receipt Date: 20051117
Manifest ID: 24506758
Trans EPA ID: CAR000129304
Trans Name: FILTER RECYCLING SVS INC-NO
Trans 2 EPA ID: CAD982444481
Trans 2 Name: FILTER RECYCLING SERVICES INC
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

CHEVRON STATION NO 95336 (Continued) **1005904442**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: CHEVRON STATION NO 95336
Address: 602 E 4TH AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944013347
EPA ID: CAR000122697
Inactive Date: 06/30/2013
Create Date: 03/04/2003
Last Act Date: 07/10/2013
Mailing Name: Waste Tracking Desk
Mailing Address: PO BOX 6004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN RAMON, CA 945830000
Owner Name: CHEVRON
Owner Address: PO BOX 6004
Owner Address 2: Not reported
Owner City,State,Zip: SAN RAMON, CA 945830000
Contact Name: KATHY NORRIS-SLUSHER
Contact Address: 6101 Bollinger Canyon Rd.
Contact Address 2: Not reported
City,State,Zip: San Ramon, CA 94583

NAICS:
EPA ID: CAR000122697
Create Date: 2003-10-23 13:13:52.000
NAICS Code: 44711
NAICS Description: Gasoline Stations with Convenience Stores
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: 2013-06-30 00:00:00
Facility Name: Chevron Station No 95336
Facility Address: 602 E 4TH AVE
Facility Address 2: Not reported
Facility City: SAN MATEO
Facility County: Not reported
Facility State: CA
Facility Zip: 944013347

EPA ID: CAR000122697
Create Date: 2011-08-17 14:36:26.000
NAICS Code: 447110
NAICS Description: Gasoline Stations with Convenience Stores
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: 2013-06-30 00:00:00
Facility Name: Chevron Station No 95336
Facility Address: 602 E 4TH AVE
Facility Address 2: Not reported
Facility City: SAN MATEO
Facility County: Not reported
Facility State: CA
Facility Zip: 944013347

A45 **TACOS AL VAPOR NUEVA ITALIA** **San Mateo Co. BI** **S123182865**
NE **602 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.045 mi.
236 ft. **Site 42 of 45 in cluster A**

Relative: San Mateo Co. BI:
Lower
Actual: Name: TACOS AL VAPOR NUEVA ITALIA
21 ft. Address: 602 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0048324
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069627
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

A46 **PANADERIA GUATEMALTECA TIKAL** **San Mateo Co. BI** **S123182619**
NE **602 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.045 mi.
236 ft. **Site 43 of 45 in cluster A**

Relative: San Mateo Co. BI:
Lower
Actual: Name: PANADERIA GUATEMALTECA TIKAL
21 ft. Address: 602 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046036
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069628
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

A47 **95336** **HIST UST** **S118407121**
NE **602 E 4TH ST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.045 mi.
236 ft. **Site 44 of 45 in cluster A**

Relative: HIST UST:
Lower
Actual: Name: 95336
21 ft. Address: 602 E 4TH ST
City,State,Zip: SAN MATEO, CA 94402
File Number: 0002BCFC
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BCFC.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

95336 (Continued) **S118407121**

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

A48 **SUBWAY SANDWICH** **San Mateo Co. BI** **S123182376**
NE **602 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.045 mi.
236 ft. **Site 45 of 45 in cluster A**

Relative: San Mateo Co. BI:
Lower

Actual: Name:	SUBWAY SANDWICH
21 ft. Address:	602 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0040148
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069626
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

C49 **HYBRID HOSPITAL INC DBA AUTO MEDICS** **RCRA NonGen / NLR** **1024788251**
West **330 S CLAREMONT ST** **CAL000043591**
< 1/8 **SAN MATEO, CA 94401**
0.046 mi.
241 ft. **Site 2 of 6 in cluster C**

Relative: RCRA NonGen / NLR:
Higher

Actual: Date Form Received by Agency:	1991-02-15 00:00:00.0
25 ft. Handler Name:	HYBRID HOSPITAL INC DBA AUTO MEDICS
Handler Address:	330 S CLAREMONT ST
Handler City,State,Zip:	SAN MATEO, CA 94401-3356
EPA ID:	CAL000043591
Contact Name:	KRIS CESENA
Contact Address:	204 2ND AVE #337
Contact City,State,Zip:	SAN MATEO, CA 94401-0000
Contact Telephone:	650-464-3597
Contact Fax:	650-342-1026
Contact Email:	KRIS@AUTOMEDICS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported

HYBRID HOSPITAL INC DBA AUTO MEDICS (Continued) **1024788251**

State District:	Not reported
Mailing Address:	330 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94401-3356
Owner Name:	DAN CESENA
Owner Type:	Other
Operator Name:	KRIS CESENA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:41:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

HYBRID HOSPITAL INC DBA AUTO MEDICS (Continued) **1024788251**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAN CESENA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-3356
Owner/Operator Telephone:	650-342-8480
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KRIS CESENA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	204 2ND AVE #337
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-0000
Owner/Operator Telephone:	650-464-3597
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1991-02-15 00:00:00.0
Handler Name:	HYBRID HOSPITAL INC DBA AUTO MEDICS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C50 **SOUTH CLAREMONT PROPERTY** **CPS-SLIC** **S118504756**
West **330 S. CLAREMONT STREET** **CERS** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.046 mi.
241 ft. **Site 3 of 6 in cluster C**

Relative:
Higher

Actual:
25 ft.

CPS-SLIC:

Name:	SOUTH CLAREMONT PROPERTY
Address:	330 S. CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/25/2019
Global Id:	T10000008305
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	119190
Latitude:	37.5659835090303
Longitude:	-122.320383993883
Case Type:	Cleanup Program Site
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead
Site History:	10/23/15 - Data submitted to GPP staff in accordance with the requirements of the drilling permit reported elevated concentrations of lead in shallow soil. Low concentrations of contaminants were also reported in soil (gasoline) and groundwater (gasoline and PCE). However, it appears the gasoline components represent residual hydrocarbons from closed LUFT Case #110008 at 405 E. 4th Avenue (T. Endo Automotive). Refer to PES 12/14/15 report in local agency files for historical work.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	SOUTH CLAREMONT PROPERTY
Address:	330 S. CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	363029
CERS ID:	T10000008305
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292

C51 **SOUTH CLAREMONT PROPERTY** **LUST** **S118496979**
West **330 S CLAREMONT ST** **N/A**
< 1/8 **SAN MATEO, CA**
0.046 mi.
241 ft. **Site 4 of 6 in cluster C**

Relative:
Higher

Actual:
25 ft.

SAN MATEO CO. LUST:

Name:	SOUTH CLAREMONT PROPERTY
Address:	330 S CLAREMONT ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	119190
Facility Status:	9- Case Closed
Global ID:	T10000008305
APN Number:	034182050
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

B52 **SAN MATEO LUMBER COMPANY** **SWEEPS UST** **S101623455**
SSE **501 S CLAREMONT ST** **HIST UST** **N/A**
< 1/8 **SAN MATEO, CA 94402** **CA FID UST**
0.059 mi.
314 ft. **Site 3 of 4 in cluster B**

Relative:
Higher

Actual:
23 ft.

SWEEPS UST:

Name:	SAN MATEO LUMBER COMPANY
Address:	501 S CLAREMONT ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110039
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

HIST UST:

Name:	SAN MATEO LUMBER CO INC
Address:	501 SOUTH CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94402
File Number:	0002C257
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C257.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported

SAN MATEO LUMBER COMPANY (Continued) **S101623455**

Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41004801
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN MATEO 94402
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

B53 **SAN MATEO LUMBER CO. INC.** **HIST UST** **U001596044**
SSE **501 S CLAREMONT ST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.059 mi.
314 ft. **Site 4 of 4 in cluster B**

Relative: **Higher**
Actual: **23 ft.**

HIST UST:
Name: SAN MATEO LUMBER CO. INC.
Address: 501 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000018699
Facility Type: Other
Other Type: LUMBER CO.
Contact Name: P.C. PIMLOTT
Telephone: 4153426400
Owner Name: SAN MATEO LUMBER CO. INC.
Owner Address: 501 SOUTH CLAREMONT STREET
Owner City,St,Zip: SAN MATEO, CA 94402
Total Tanks: 0001

Tank Num: 001

SAN MATEO LUMBER CO. INC. (Continued) **U001596044**

Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

D54 **WHA IN YUN** **HIST UST** **S113114353**
NW **300 SO DELAWARE** **HAZNET** **N/A**
< 1/8 **SAN MATEO, CA 94402** **HWTS**
0.060 mi.
316 ft. **Site 1 of 35 in cluster D**

Relative:
Higher

Actual:
23 ft.

HIST UST:

Name:	WHA IN YUN
Address:	300 SO DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
File Number:	0002BBAD
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BBAD.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	BP WEST COAST PRODUCTS LLC 00515
Address:	300 S DELAWARE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944010000
Contact:	SARAH SAMUELS
Telephone:	3603718111
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Year:	2015
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

WHA IN YUN (Continued) **S113114353**

	Regeneration, Organics Recovery Ect
Tons:	0.35445
Year:	2015
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.147
Year:	2014
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.966
Year:	2013
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.189
Year:	2012
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.231
Year:	2011
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.105
Year:	2010
Gepaid:	CAL000226030
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.0625
Year:	2010

WHA IN YUN (Continued) **S113114353**

Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.315
Year:	2009
Gepaid:	CAL000226030
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.21
Year:	2009
Gepaid:	CAL000226030
TSD EPA ID:	CAT000646117
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	12.642

Click this hyperlink while viewing on your computer to access
7 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2008
Gen EPA ID:	CAL000226030
Shipment Date:	20081124
Creation Date:	2/2/2009 18:30:25
Receipt Date:	20081204
Manifest ID:	002156201FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO & SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.147
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WHA IN YUN (Continued) **S113114353**

Shipment Date:	20081015
Creation Date:	3/9/2009 18:30:46
Receipt Date:	20081024
Manifest ID:	002155400FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080624
Creation Date:	8/11/2008 18:30:17
Receipt Date:	20080626
Manifest ID:	000822436FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080429
Creation Date:	7/16/2008 18:30:16
Receipt Date:	20080502
Manifest ID:	000825665FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported

WHA IN YUN (Continued) **S113114353**

Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.84
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080109
Creation Date: 3/18/2008 18:30:29
Receipt Date: 20080116
Manifest ID: 000811506FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO & SONS
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000226030

Shipment Date: 20131210
Creation Date: 2/25/2014 22:15:05
Receipt Date: 20131218
Manifest ID: 005763244FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: CAT080016116
Trans 2 Name: NIETO AND SONS TRUCKING
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON

WHA IN YUN (Continued) **S113114353**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130619
Creation Date:	8/23/2013 22:15:06
Receipt Date:	20130624
Manifest ID:	005751466FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000226030
Shipment Date:	20101027
Creation Date:	1/3/2011 18:31:25
Receipt Date:	20101105
Manifest ID:	002143481FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues

WHA IN YUN (Continued) **S113114353**

RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100506
Creation Date:	12/16/2010 18:31:00
Receipt Date:	20100520
Manifest ID:	002134869FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAD981412356
Trans 2 Name:	PACIFIC TRANS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100209
Creation Date:	5/27/2010 18:30:18
Receipt Date:	20100212
Manifest ID:	002122351FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported

WHA IN YUN (Continued) **S113114353**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000226030

Shipment Date: 20151210
Creation Date: 3/3/2016 22:15:11
Receipt Date: 20151217
Manifest ID: 008719164FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150702
Creation Date: 9/23/2015 22:15:22
Receipt Date: 20150706
Manifest ID: 007645790FLE
Trans EPA ID: CAT080016116
Trans Name: NIETO AND SONS TRUCKING INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.35445
Waste Quantity: 85
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

WHA IN YUN (Continued) **S113114353**

Additional Code 5:	Not reported
Shipment Date:	20150127
Creation Date:	4/21/2015 22:14:53
Receipt Date:	20150204
Manifest ID:	007629783FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000226030
Shipment Date:	20040429
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040503
Manifest ID:	23391540
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040429
Creation Date:	10/15/2004 10:47:43

WHA IN YUN (Continued) **S113114353**

Receipt Date:	20040503
Manifest ID:	23391540
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.315
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040121
Creation Date:	9/10/2004 8:42:02
Receipt Date:	20040126
Manifest ID:	23375277
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000226030

Shipment Date:	20030429
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030501
Manifest ID:	22504041
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

WHA IN YUN (Continued) **S113114353**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030429
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030501
Manifest ID:	22504041
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030129
Creation Date:	5/19/2003 18:31:05
Receipt Date:	20030131
Manifest ID:	22017550
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.42

WHA IN YUN (Continued) **S113114353**

Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAL000226030

Shipment Date: 20021231
Creation Date: 5/6/2003 18:31:20
Receipt Date: 20030103
Manifest ID: 22016979
Trans EPA ID: CAD983584681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021231
Creation Date: 5/6/2003 18:31:20
Receipt Date: 20030103
Manifest ID: 22016979
Trans EPA ID: CAD983584681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

WHA IN YUN (Continued) **S113114353**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021119
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021121
Manifest ID:	22168788
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021119
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021121
Manifest ID:	22168927
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020501
Creation Date:	7/19/2002 15:54:46
Receipt Date:	20010509
Manifest ID:	21621320
Trans EPA ID:	CAD983584681
Trans Name:	Not reported

WHA IN YUN (Continued) **S113114353**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020501
Creation Date:	7/19/2002 15:54:46
Receipt Date:	20020509
Manifest ID:	21621552
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020501
Creation Date:	7/19/2002 15:54:46
Receipt Date:	20020509
Manifest ID:	21621552
Trans EPA ID:	CAD983584681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

WHA IN YUN (Continued) **S113114353**

Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000226030
Shipment Date:	20140325
Creation Date:	6/6/2014 22:15:14
Receipt Date:	20140403
Manifest ID:	005768169FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140306
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20140313
Manifest ID:	005759459FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G

WHA IN YUN (Continued) **S113114353**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000226030
Shipment Date:	20091218
Creation Date:	2/3/2010 18:30:41
Receipt Date:	20091218
Manifest ID:	002121928FLE
Trans EPA ID:	CAR000183152
Trans Name:	LD TRANSPORTATION LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CWM-KETTLEMAN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091025
Creation Date:	1/11/2010 18:30:07
Receipt Date:	20091106
Manifest ID:	002120281FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WHA IN YUN (Continued) **S113114353**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090625
Creation Date:	8/12/2009 18:30:36
Receipt Date:	20090701
Manifest ID:	002122738FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000226030
Shipment Date:	20110302
Creation Date:	4/27/2011 18:30:52
Receipt Date:	20110304
Manifest ID:	004231926FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WHA IN YUN (Continued) **S113114353**

Additional Info:

Year:	2005
Gen EPA ID:	CAL000226030
Shipment Date:	20050608
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050610
Manifest ID:	24532460
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050210
Creation Date:	4/29/2005 11:28:07
Receipt Date:	20050211
Manifest ID:	24192651
Trans EPA ID:	CAD983584681
Trans Name:	BELSHIRE ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000226030

WHA IN YUN (Continued) **S113114353**

Shipment Date:	20120111
Creation Date:	3/27/2012 20:30:35
Receipt Date:	20120116
Manifest ID:	004641466FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000226030

Shipment Date:	20070531
Creation Date:	11/3/2007 18:30:06
Receipt Date:	20070606
Manifest ID:	000770712FLE
Trans EPA ID:	CAR000165175
Trans Name:	BELSHIRE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	BP WEST COAST PRODUCTS LLC 00515

WHA IN YUN (Continued) **S113114353**

Address:	300 S DELAWARE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944010000
EPA ID:	CAL000226030
Inactive Date:	02/19/2016
Create Date:	12/28/2001
Last Act Date:	08/29/2016
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RANCHO SANTA MARGARI, CA 920688000
Owner Name:	BP WEST COAST PRODUCTS LLC
Owner Address:	4519 GRANDVIEW RD
Owner Address 2:	Not reported
Owner City,State,Zip:	BLAINE, WA 982300000
Contact Name:	SARAH SAMUELS
Contact Address:	4519 GRANDVIEW RD
Contact Address 2:	BLDG. 1
City,State,Zip:	BLAINE, WA 982300000

NAICS:

EPA ID:	CAL000226030
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2001-12-28 00:00:00
Inactive Date:	2016-02-19 00:00:00
Facility Name:	BP WEST COAST PRODUCTS LLC 00515
Facility Address:	300 S DELAWARE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944010000

D55 **ARCO #0515** **LUST** **S107147297**
NW **300 S DELAWARE ST** **N/A**
< 1/8 **SAN MATEO, CA**
0.060 mi.
316 ft. **Site 2 of 35 in cluster D**

Relative:
Higher

Actual:
23 ft.

SAN MATEO CO. LUST:

Name:	ARCO #0515
Address:	300 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110012
Facility Status:	9- Case Closed
Global ID:	T0608100034
APN Number:	034185160
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

D56 **ARCO 00515** **UST** **U004262389**
NW **300 S DELAWARE ST** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.060 mi.
316 ft. **Site 3 of 35 in cluster D**

Relative: UST:
Higher

Name:	ARCO 00515
Address:	300 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	41-000-016939
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.566936
Longitude:	-122.320074

Actual:
23 ft.

D57 **BP WEST COAST PRODUCTS LLC 00515** **RCRA NonGen / NLR** **1024854219**
NW **300 S DELAWARE ST** **CAL000414887**
< 1/8 **SAN MATEO, CA 94401**
0.060 mi.
316 ft. **Site 4 of 35 in cluster D**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2016-03-04 00:00:00.0
Handler Name:	BP WEST COAST PRODUCTS LLC 00515
Handler Address:	300 S DELAWARE ST
Handler City,State,Zip:	SAN MATEO, CA 94401-3326
EPA ID:	CAL000414887
Contact Name:	SARAH SAMUELS
Contact Address:	4519 GRANDVIEW RD
Contact City,State,Zip:	BLAINE, WA 98230-0000
Contact Telephone:	360-371-8111
Contact Fax:	Not reported
Contact Email:	SARAH.SAMUELS@BP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	600 SW 39TH ST #275
Mailing City,State,Zip:	RENTON, CA 98057
Owner Name:	BP PRODUCTS NORTH AMERICA
Owner Type:	Other
Operator Name:	SARAH SAMUELS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes

Actual:
23 ft.

BP WEST COAST PRODUCTS LLC 00515 (Continued) **1024854219**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:07:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BP PRODUCTS NORTH AMERICA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4519 GRANDVIEW RD
Owner/Operator City,State,Zip:	BLAINE, WA 98230-0000
Owner/Operator Telephone:	360-371-8111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BP WEST COAST PRODUCTS LLC 00515 (Continued) **1024854219**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SARAH SAMUELS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4519 GRANDVIEW RD
Owner/Operator City,State,Zip: BLAINE, WA 98230-0000
Owner/Operator Telephone: 360-371-8111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2016-03-04 00:00:00.0
Handler Name: BP WEST COAST PRODUCTS LLC 00515
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D58 **BP WEST COAST PRODUCTS LLC 00515** **SWEEPS UST** **S101593659**
NW **300 S DELAWARE ST** **CA FID UST** **N/A**
< 1/8 **SAN MATEO, CA 94401** **HAZNET**
0.060 mi. **HWTS**
316 ft. **Site 5 of 35 in cluster D**

Relative: Higher
Actual: 23 ft.

SWEEPS UST:
Name: ARCO FAC #515
Address: 300 S DELAWARE ST
City: SAN MATEO
Status: Not reported
Comp Number: 110070
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

BP WEST COAST PRODUCTS LLC 00515 (Continued) **S101593659**

Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110070-000001
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 9

Name: ARCO FAC #515
Address: 300 S DELAWARE ST
City: SAN MATEO
Status: Not reported
Comp Number: 110070
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110070-000002
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ARCO FAC #515
Address: 300 S DELAWARE ST
City: SAN MATEO
Status: Not reported
Comp Number: 110070
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110070-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ARCO FAC #515
Address: 300 S DELAWARE ST
City: SAN MATEO
Status: Not reported
Comp Number: 110070
Number: Not reported
Board Of Equalization: Not reported

BP WEST COAST PRODUCTS LLC 00515 (Continued) **S101593659**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110070-000004
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	WASTE
Content:	LEADED
Number Of Tanks:	Not reported

Name:	ARCO FAC #515
Address:	300 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110070
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110070-000005
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FAC #515
Address:	300 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110070
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110070-000006
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FAC #515
Address:	300 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported

BP WEST COAST PRODUCTS LLC 00515 (Continued) **S101593659**

Comp Number:	110070
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110070-000007
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO FAC #515
Address:	300 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110070
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110070-000008
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Name:	ARCO FAC #515
Address:	300 S DELAWARE ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110070
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110070-000009
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

BP WEST COAST PRODUCTS LLC 00515 (Continued) **S101593659**

CA FID UST:

Facility ID:	41000065
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153445405
Mail To:	Not reported
Mailing Address:	300 S DELAWARE ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94402
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

Name:	BP WEST COAST PRODUCTS LLC 00515
Address:	300 S DELAWARE ST
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 90702
Contact:	DARYL LEE
Telephone:	4159025089
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
Year:	2019
Gepaid:	CAL000414887
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.19320
Year:	2017
Gepaid:	CAL000414887
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.134
Year:	2016
Gepaid:	CAL000414887
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.168

BP WEST COAST PRODUCTS LLC 00515 (Continued) **S101593659**

Additional Info:

Year:	2017
Gen EPA ID:	CAL000414887
Shipment Date:	20170926
Creation Date:	6/13/2018 18:31:14
Receipt Date:	20171005
Manifest ID:	009705733FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170502
Creation Date:	5/17/2018 18:31:11
Receipt Date:	20170511
Manifest ID:	009696208FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	BP WEST COAST PRODUCTS LLC 00515

BP WEST COAST PRODUCTS LLC 00515 (Continued) **S101593659**

Address:	300 S DELAWARE ST
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944013326
EPA ID:	CAL000414887
Inactive Date:	Not reported
Create Date:	03/04/2016
Last Act Date:	08/18/2020
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ARTESIA, CA 90702
Owner Name:	BP PRODUCTS NORTH AMERICA
Owner Address:	PO BOX 6038
Owner Address 2:	Not reported
Owner City,State,Zip:	ARTESIA, CA 90702
Contact Name:	KIMBERLY MEDICUS
Contact Address:	PO BOX 6038
Contact Address 2:	Not reported
City,State,Zip:	ARTESIA, CA 90702

NAICS:

EPA ID:	CAL000414887
Create Date:	2016-03-04 14:56:22.643
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2016-03-04 14:56:22.64300
Inactive Date:	Not reported
Facility Name:	BP WEST COAST PRODUCTS LLC 00515
Facility Address:	300 S DELAWARE ST
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944013326

D59 **ARCO #0515** **LUST** **S102424265**
NW **300 DELAWARE** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94402** **Cortese**
0.060 mi. **HIST CORTESE**
316 ft. **Site 6 of 35 in cluster D** **CERS**

Relative: Higher

Actual: 23 ft.

LUST:

Name:	ARCO #0515
Address:	300 SOUTH DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100034
Global Id:	T0608100034
Latitude:	37.5667721811416
Longitude:	-122.320218980312
Status:	Completed - Case Closed
Status Date:	10/17/2013
Case Worker:	DGM
RB Case Number:	41-0035
Local Agency:	SAN MATEO COUNTY LOP
File Location:	Local Agency

ARCO #0515 (Continued) **S102424265**

Local Case Number: 110012
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Extracted from Stantec's February 17, 2010 Fourth Quarter 2009 Groundwater Monitoring Report, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located at the southern corner of the intersection of South Delaware Street and Third Avenue in San Mateo, California in a mixed commercial/residential area. The site is currently an active retail fuel dispensing facility with a station building, two fuel dispenser islands, and three 10,000-gallon gasoline underground storage tanks (USTs). The site and vicinity currently have nine groundwater monitoring wells (MW-1A, MW-2 through MW-5, and MW-7 through MW-10), three groundwater monitoring wells from the adjacent former BP site (MW-1[BP], MW-2[BP] and MW-5[BP]), one groundwater extraction well (EW-1)., four vapor extraction wells (VEW-1 through VEW-4), and six air sparging wells (ASW-1 through ASW-6). On October 1, 1988, an Underground Storage Tank Unauthorized Release/Leak Contamination Site Report was filed with the San Mateo County Environmental Health Department by Tina Berry of Pacific Environmental Group, Inc. (PEG), as an agent of Atlantic Richfield Company. Groundwater benzene concentrations in MW-1 and MW-3, sampled on October 6, 1988, exceeded the SFB-RWQCB maximum limit of 0.7 "g/L. Five USTs, consisting of one 6,000-gallon and three 4,000-gallon steel gasoline tanks, and one 260-gallon steel waste-oil tank, were subsequently removed from the site between January 7 and 30, 1991. Approximately 1,315 cubic yards of soil were excavated from the UST complex, former and new waste oil tank excavations, and product line trenches, and transported offsite to a disposal facility. Following the discovery of separate phase hydrocarbons (SPH) in monitoring well MW-1A in October of 1991, a soil vapor extraction (SVE) and air-sparging (AS) pilot test was performed at the site on January 5 and 6, 1994. Based on the test results, a full-scale SVE system consisting of a skid mounted Airex KATOX 100C55 and a Sutorbilt 3HL (5HP) AS Blower was installed in 1996. Air sparging to enhance the hydrocarbon removal was not implemented because the pilot test found that air sparging did not increase hydrocarbon removal efficiency. The SVE system ran intermittently from August 1996 to July 30, 2001, using vapor extraction wells VEW-3 and VEW-4. Operation of the SVE system was halted in July 2001, due to the unit being out of compliance with Bay Area Air Quality Management District permit requirements. The total mass removed up to this time was 2,775.4 pounds of TPHg, as reported in SECOR's Third Quarter 2001 Quarterly Monitoring Report. On June 9, 1997, an Environmental Data Resources, Inc. (EDR) well survey report was requested to identify registered water wells located within a one mile radius of the site. Seven wells were located within a " to mile radius. Most of these wells are upgradient of the site, and one well was located within a to one mile radius cross-gradient of the site. Because the wells are up and cross-gradient from the site it is unlikely that they will be impacted by the dissolved hydrocarbon plume. On February 14, 2003, URS submitted a Case Closure Summary Report to the San Mateo County Health Department (SMCHD). On January 30, 2006, URS submitted a Work Plan for Shallow Soil Characterization to assess shallow soil conditions to support a case closure. In a letter dated June 26, 2006, the SMCHD approved the work plan with conditions and requested additional details. SECOR submitted an email

ARCO #0515 (Continued) **S102424265**

on August 21, 2006, detailing the installation of temporary vapor wells. In a letter dated November 7, 2007, SMCHD approved the scope of work detailed in the 2006 work plan and email. SECOR submitted a Well Destruction Work Plan and Monitoring and Sampling Reduction Request to SMCHD dated November 29, 2007. The work plan proposed destruction of wells MW-2, MW-5, MW-9, MW-10 and requested reductions in the frequency of monitoring and sampling for wells MW-1, MW-3, MW-4, MW-7, MW-8, and EW-1. Regulatory response to the work plan and request is pending. SECOR submitted a Shallow Soil and Soil Vapor Characterization Report dated March 6, 2008. Per recommendation of the characterization report, resampling of soil vapor wells SV-2 and SV-4 was completed on April 17, 2008. Results of the resampling were submitted in SECORs Shallow Soil and Soil Vapor Characterization Report Addendum and Site Conceptual Model dated May 30, 2008. In a letter dated July 29, 2008, the GPP recommended changes to the groundwater sampling program until additional data could be collected on the recent concentration increases in downgradient wells. Stantec prepared and submitted a Work Plan for Additional Site Assessment, dated November 12, 2008, per request by GPP in a letter dated July 29, 2008. In an email from the GPP, dated April 23, 2009, Stantec received a regulatory directive to reduce monitoring and sampling events at the site to a semi-annual basis, which are to be performed during the months of May and November. Additionally, wells MW-9 and MW-10 will be removed from the schedule. The semi-annual events will be coordinated with former BP Service Station No. 11205, located at 609 East 4th Avenue and the Shell station located at 611 East 3rd Street. On December 3, 2009, Stantec was onsite during excavation and replacement of fuel dispensers, underground dispenser containment (UDC) equipment, and fuel product lines. Facility upgrade activities were performed by Gettler Ryan, Inc. The completed scope of work at the site consisted of soil sampling from native soil beneath the former dispensers and product lines. Compliance soil samples were collected during the facility upgrade project under the direction of Mr. Dirk Jensen of the San Mateo County Environmental Health Division (SMCEHD). Based on the results of soil samples collected during facility upgrade activities, Stantec concluded there were no fuel impacts to shallow soil in the area of the fuel dispenser and product line compliance soil samples. Stantec recommended no further action related to the facility upgrade activities.

LUST:

Global Id:	T0608100034
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292

Global Id:	T0608100034
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

ARCO #0515 (Continued) **S102424265**

LUST:

Global Id:	T0608100034
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	08/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	10/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	07/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	02/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100034
Action Type:	ENFORCEMENT
Date:	09/14/2009
Action:	Staff Letter - #20090914
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	02/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	02/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	01/16/2012
Action:	Other Report / Document
Global Id:	T0608100034
Action Type:	RESPONSE
Date:	05/31/2012
Action:	Correspondence
Global Id:	T0608100034

ARCO #0515 (Continued) **S102424265**

Action Type: ENFORCEMENT
Date: 04/22/2010
Action: Staff Letter - #20100422

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 09/23/2010
Action: Staff Letter - #20100923

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100034
Action Type: RESPONSE
Date: 08/29/2013
Action: Well Destruction Report - Regulator Responded

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 07/29/2008
Action: Staff Letter - #20080729

Global Id: T0608100034
Action Type: RESPONSE
Date: 12/07/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 07/15/2004

ARCO #0515 (Continued) **S102424265**

Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 10/04/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/09/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

ARCO #0515 (Continued) **S102424265**

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/30/2008
Action: Soil and Water Investigation Report

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 02/16/1989
Action: Notice of Responsibility - #1

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 11/07/2007
Action: Staff Letter - #20071107

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 07/01/2001
Action: Staff Letter - #20010701

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 11/07/2007
Action: Staff Letter - #20071107B

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 11/07/2007
Action: Staff Letter - #20071107

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 01/03/2012
Action: Staff Letter - #20120103

Global Id: T0608100034
Action Type: Other

ARCO #0515 (Continued) **S102424265**

Date: 04/01/1988
Action: Leak Discovery

Global Id: T0608100034
Action Type: Other
Date: 10/10/1988
Action: Leak Reported

Global Id: T0608100034
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 08/05/2013
Action: Technical Correspondence / Assistance / Other - #20130805

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Staff Letter - #20120829

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 10/17/2013
Action: Closure/No Further Action Letter - #20131017

Global Id: T0608100034
Action Type: RESPONSE
Date: 11/12/2008
Action: Soil and Water Investigation Workplan

Global Id: T0608100034
Action Type: RESPONSE
Date: 01/31/2011
Action: Soil and Water Investigation Report

Global Id: T0608100034
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100034
Action Type: RESPONSE
Date: 06/29/2010
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 05/15/2012
Action: Staff Letter - #20120515

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Technical Correspondence / Assistance / Other - #20130716

ARCO #0515 (Continued) **S102424265**

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 07/12/2012
Action: LOP Case Closure Summary to RB - #20120712

Global Id: T0608100034
Action Type: REMEDIATION
Date: 01/30/1991
Action: Excavation

Global Id: T0608100034
Action Type: REMEDIATION
Date: 08/01/1996
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 07/22/2013
Action: Technical Correspondence / Assistance / Other - #20130722

Global Id: T0608100034
Action Type: RESPONSE
Date: 01/31/2011
Action: Site Assessment Report

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 04/23/2009
Action: Staff Letter - #20090423

Global Id: T0608100034
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

LUST:
Global Id: T0608100034
Status: Open - Case Begin Date
Status Date: 04/01/1988

Global Id: T0608100034
Status: Open - Verification Monitoring
Status Date: 04/01/1988

Global Id: T0608100034
Status: Open - Eligible for Closure
Status Date: 07/12/2012

Global Id: T0608100034
Status: Completed - Case Closed
Status Date: 10/17/2013

LUST REG 2:
Region: 2
Facility Id: Not reported

ARCO #0515 (Continued) **S102424265**

Facility Status: Remedial action (cleanup) Underway
Case Number: 110012
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/1/1965
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:

Name: ARCO 00515
Address: 300 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016939
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003320
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: ARCO 00515
Address: 300 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016939
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022137
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ARCO 00515
Address: 300 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016939
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024070
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ARCO 00515
Address: 300 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016939
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0065643
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable

ARCO #0515 (Continued) **S102424265**

Program Category: STORMWATER

CORTESE:
Name: ARCO #0515
Address: 300 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100034
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: ARCO
edr_fadd1: 300 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0035

CERS:
Name: ARCO #0515
Address: 300 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94402
Site ID: 248286
CERS ID: T0608100034
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DENO MILANO - SAN MATEO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6503726292

ARCO #0515 (Continued) **S102424265**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D60 **DELAWARE SMOG PROS** **RCRA NonGen / NLR** **1024790612**
NW **300 S DELAWARE AVE** **CAL000089587**
< 1/8 **SAN MATEO, CA 94401**
0.060 mi.
316 ft. **Site 7 of 35 in cluster D**

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		1993-05-07 00:00:00.0
Handler Name:	DELAWARE SMOG PROS	
Handler Address:		300 S DELAWARE AVE
Handler City,State,Zip:		SAN MATEO, CA 94401-0000
EPA ID:		CAL000089587
Contact Name:		ARTHUR KWAN-PARTNER
Contact Address:		36 LONE MOUNTAIN CT
Contact City,State,Zip:		PACIFICA, CA 94044
Contact Telephone:		650-344-5405
Contact Fax:		650-375-8928
Contact Email:		ARCO515@SBCGLOBAL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		300 S DELAWARE ST
Mailing City,State,Zip:		SAN MATEO, CA 94401-3326
Owner Name:		ARTHUR KWAN
Owner Type:		Other
Operator Name:		ARTHUR KWAN-PARTNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No

DELAWARE SMOG PROS (Continued) **1024790612**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARTHUR KWAN-PARTNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	36 LONE MOUNTAIN CT
Owner/Operator City,State,Zip:	PACIFICA, CA 94044
Owner/Operator Telephone:	650-344-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DELAWARE SMOG PROS (Continued) **1024790612**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARTHUR KWAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	36 LONE MOUNTAIN CT
Owner/Operator City,State,Zip:	PACIFICA, CA 94401-0000
Owner/Operator Telephone:	650-344-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-05-07 00:00:00.0
Handler Name: DELAWARE SMOG PROS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D61 **ARCO STATION #515** **Notify 65** **S100178798**
NW **300 SOUTH DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 92392**
0.060 mi.
316 ft. **Site 8 of 35 in cluster D**

Relative:
Higher

Actual:
23 ft.

NOTIFY 65:

Name:	ARCO STATION #515
Address:	300 SOUTH DELAWARE
City,State,Zip:	SAN MATEO, CA 92392
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

D62 **ARCO 00515** **CERS HAZ WASTE** **S121789902**
NW **300 S DELAWARE ST** **CERS TANKS** **N/A**
< 1/8 **SAN MATEO, CA 94401** **CERS**
0.060 mi.
316 ft. **Site 9 of 35 in cluster D**

Relative:
Higher

Actual:
23 ft.

CERS HAZ WASTE:
Name: ARCO 00515
Address: 300 S DELAWARE ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 6542
CERS ID: 10065484
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: ARCO 00515
Address: 300 S DELAWARE ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 6542
CERS ID: 10065484
CERS Description: Underground Storage Tank

CERS:
Name: ARCO 00515
Address: 300 S DELAWARE ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 6542
CERS ID: 10065484
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 6542
Site Name: ARCO 00515
Violation Date: 11-26-2013
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/23/2013.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 02-16-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/14/2017. Failures: - The regular tank #2 boot was broken and could not be repaired during the inspection in order to complete the secondary containment testing. Repair and complete testing. - Sump for tank 1 failed. - Premium sump (tank 4) failed. Complete repairs and retest within 30 days.
Violation Division: San Mateo County Environmental Health

ARCO 00515 (Continued) **S121789902**

Violation Program: UST
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 08-23-2019
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 08/23/2019. Annular sensor on the used oil tank was stated to be placed at 36 inches on the overfill protection equipment survey from 8/24/18. This measurement did not appear to be correct. It was re-measured and the sensor was placed at 97 inches (dividing the circumference by 2 and adding the height of the riser). This was corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 10-19-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 10/19/2016. Sensor L12 did not function on the first test .This sensor was replaced and retested. Test passed.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 11-26-2013
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 12/23/2013.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 08-20-2020
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 08/20/2020. OBSERVATION: 91 fill sump sensor failed upon initial testing. Sensor was replaced, re-tested, and passed. REQUIRED ACTION: None. This item was corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: UST

ARCO 00515 (Continued) **S121789902**

Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 10-21-2015
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 10/21/2015. 87 main tank spill bucket fail hydro test. Spill bucket adapter nipple had no thread sealant and was not tighten enough. Adapter was repaired and bucket was re-tested and passed.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 09-06-2017
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 09/06/2017. Bellshire posted the emergency procedures during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 11-26-2013
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 12/23/2013.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 6542
Site Name: ARCO 00515
Violation Date: 11-26-2013
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 11/27/2013.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

ARCO 00515 (Continued) **S121789902**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	09-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP appears to have been updated to reflect current inventory and notes from the last inspection report.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-30-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updated DO list.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-19-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Sensors L15, 14, 16, 7, 5, 6, 10, 8, 9, 13, 11, and 12 were tested on the gasoline tanks. Sensor 12 had to be replaced and retested. All others passed on first test. Piping and fill sumps were 208 sensors and annulars were 409s. UDC 208 sensors for dispensers 1-2, 3-4, 5-6, and 7-8 were tested and passed (L1-L4). L17 used oil fill sump sensor and C1 annular optical sensor 344 were tested and passed. 5 spill buckets were tested and passed. Drain valves were properly functioning. Line leak detectors Q1 and Q2 passed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2015
Violations Found:	Yes

ARCO 00515 (Continued) **S121789902**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-03-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted contact / forms updates with new EC.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-04-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted updates to HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health

ARCO 00515 (Continued) **S121789902**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-23-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

ARCO 00515 (Continued) **S121789902**

Eval General Type:	Other/Unknown
Eval Date:	01-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Document upload accepted. Note: Based on the information provided (install date 1991, and no vent secondary containment) and overfill protection section (fill tube shut-off) it appears the facility is required to test the flapper shut-off valve. If the audible and visual alarm system is also included in your submission that is required to be tested as well, as part of the overfill protections system.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-16-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Observed part of SB 989 inspection. Accelerated VPLT test performed on sumps and UDC. Failures: - The regular tank #2 boot was broken and could not be repaired during the inspection in order to complete the secondary containment testing. Repair and complete testing. - Sump for tank 1 failed. - Premium sump (tank 4) failed. Complete repairs and retest within 30 days. Passed: Sump for tank 3 passed. Manifolded and siphon piping passed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed UST submission Cert. F.R. accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

ARCO 00515 (Continued) **S121789902**

Eval Date:	02-26-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed 2 submissions with documentation updates.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-26-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed two submission and noted a name change. They indicated this is not an ownership change. Names and contact info updated.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-06-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-08-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-08-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-11-2020
Violations Found:	No

ARCO 00515 (Continued) **S121789902**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and filed a copy of the secondary containment test report. All results were passing.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-13-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updates.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-27-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected due to missing training plan.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-28-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Permit check for dispenser upgrade and turbine replacement.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST Secondary containment re-test completed. Sumps and siphon piping passed after boot repairs were completed 3/20/17.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

ARCO 00515 (Continued) **S121789902**

Eval Notes:	Approved HMBP elements of CERS submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-13-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted plan.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updated owner operator agreement.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Active IDs: CAL000089587 DELAWARE SMOG PROS (repair shop) CAL000414887 BP WEST COAST PRODUCTS LLC 00515 Metal filters only in the drum (empty today). Paper filters may be combined with the waste contaminated solids if acceptable. Repair shop wastes - CAL000089587: Metal filters, paper filters, used oil, waste antifreeze. 55 gal drum metal filters - 7/29/20, 12/23/19 Paper filters may be combined with gas station contaminated solids Used oil - 550 gal used oil tank: 3/3/20 - 30 gal Waste antifreeze - 30 gal steel drum inside a 55 gallon drum. 3/3/20 - 20 gal No waste lead-acid batteries observed. No universal waste observed, however, please manage any non-empty aerosol cans as universal waste or hazardous waste. ARCO BP/CAL000414887 : 4/16/20 - 5 gal fuel mixture, 134 4/16/20 - 50 lbs solids with petroleum, 352, D018 3/17/20 - 300 gal water with petroleum (secondary containment testing in Feb), 134 10/15/19 - 1 drum / 1 gal gasoline mixture, [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2020

ARCO 00515 (Continued) **S121789902**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Used oil (55 gal) is not present (only the UST). Waste antifreeze is 30 gal drum. New antifreeze is 55 gal poly drum. Waste metal filters is a 55 gallon drum. 4 Fuel USTs, and 1 used oil 550 gal UST. The last full submission was 2/20/20. The most recent update to most components of the CERS submission (not including the inventory) was 7/21/20.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-20-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Site visit to observe annual monitoring certifications. Documents made available during the inspection. UST Submission updated during the inspection, including updates to the contact information as requested - KIMBERLY MEDICUS, (360) 970-2296 KIMBERLY.MEDICUS@BP.COM Records: Previous monitoring certification records filed on site. Training records updated with each DO inspection and use the current form. Statement of understanding and DO form updated and use current form. DO reports observed to be filed on site with alarm history. CERS forms are on site. An updated submission from 7-2020 available online. Secondary containment test 2/14/20. Overfill test 8/23/19, following the one conducted in 2018. Next due date appears to be 8/2022. Alarm response records on site (including the work order for 5/12/20 alarm). The used oil sump annular sensor appears to be difficult to access without entering the sump. If designated as a permit required confined [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-23-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Observations: Permit expires 10/1/19 Contractor ICC: ok Sumps and spill containers: some debris in sumos. Set-up Alarm History Flags: L15 1/6/19, L9 main fill 2/14/19 Drop tube from tank chart should be 104. 5/8 for each of the fuel tanks. Overfill equipment was being tested today. Paperwork: DO reports for 12 months: 2019 binder ok DO notification: Ok Work orders: ok Alarm history matching: ok Employee Training: 5 employees. Record updates 2-28-19 Last monitor cert.: In binder. Sec containment test: 2/2017 initial. Second test filed, passed. Overfill protection report: 8/24/18 G surveyG filed along with letter from the water board. CERS: Last Submission Date: 3/26/19

ARCO 00515 (Continued) **S121789902**

CFR/CFO: 10/30/18 Response Plan on site: ok Owner op agreement: 5/25/17 Plot Plan: ok Statement of understanding DO form: ok Panel: ok Lights: pl Alarm: ok Sensor Out: ok Power Failure: ok Monitoring: Panel: VR TLS 350R In Tank: 847390-109 Annular: 409 fuel [Truncated]

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 10-40 gallons waste gasoline per year 250 gallons waste hydrocarbon water every 1-3 years 25-50 lbs gasoline containment absorbent per year. 10 gallons waste antifreeze per year 140 gallons used oil per year
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Plan last submitted February of 2018. Accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: We discussed the upcoming changes to the UST requirements including the overfill protection testing. April 14, 2017 989 copied to ensure a file is in the facility folder.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-02-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

ARCO 00515 (Continued) **S121789902**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-06-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	It took a significant amount of time to calibrate the 87 Q1 LLD, however it passed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-06-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Remove the 120 gal oil tanks from HMBP. This inventory may be considered part of Smog Pro but is reported as part of the gas station. Update the location of the new antifreeze. It is currently located outside in the gated storage area and is listed to be stored in the shop. Update the map and inventory for accuracy.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-06-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The facility is storing one 55 gallon drum waste antifreeze. One 550 gallon UST used oil. There is one 55 gallon drum of used oil filters outside. We discussed metal vs. paper oil filter waste management standards. One 30 gallon drum of waste gasoline filters/absorbent is on site. One 30 gallon drum of waste contaminated testing water is on site as well. Ensure the correct date is used on this drum. BP is managing the liquid waste and the gas station/shop is managing the waste solids.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	6542
Site Name:	ARCO 00515
Site Address:	300 S DELAWARE ST
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	11-26-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Site ID:	6542
Site Name:	ARCO 00515
Site Address:	300 S DELAWARE ST
Site City:	SAN MATEO

ARCO 00515 (Continued) **S121789902**

Site Zip:	94401
Enf Action Date:	11-26-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	KIMBERLY MEDICUS, RETAIL COMPLIANCE COORDINATOR
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90702
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90702
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296

Affiliation Type Desc:	Identification Signer
Entity Name:	KIMBERLY MEDICUS
Entity Title:	RETAIL COMPLIANCE COORDINATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	BP PRODUCTS NORTH AMERICA, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

ARCO 00515 (Continued) **S121789902**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296
Affiliation Type Desc:	Operator
Entity Name:	Arthur Kwan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 344-5405
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Arthur Kwan
Entity Title:	Not reported
Affiliation Address:	300 S DELAWARE ST
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 344-5405
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported

ARCO 00515 (Continued) **S121789902**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	SARAH SAMUELS
Entity Title:	RETAIL COMPLIANCE COORDINATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(360) 371-1500
Affiliation Type Desc:	UST Tank Owner
Entity Name:	BP PRODUCTS NORTH AMERICA, INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 6038
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90702
Affiliation Phone:	(360) 970-2296

D63 **WHA IN YUN** **HIST UST** **U001596052**
NW **300 S DELAWARE ST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.060 mi.
316 ft. **Site 10 of 35 in cluster D**

Relative: **Higher**

Actual: **23 ft.**

HIST UST:

Name:	WHA IN YUN
Address:	300 S DELAWARE ST
City,State,Zip:	SAN MATEO, CA 94402
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000026932
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	0000000000
Owner Name:	ARCO PETROLEUM PRODUCTS CO.
Owner Address:	515 SOUTH FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071
Total Tanks:	0005
Tank Num:	001
Container Num:	0000000001
Year Installed:	1974
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000240
Leak Detection:	Stock Inventor, 10

WHA IN YUN (Continued) **U001596052**

Tank Num:	002
Container Num:	0000000002
Year Installed:	1959
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000167
Leak Detection:	Stock Inventor, 10

Tank Num:	003
Container Num:	0000000003
Year Installed:	1959
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000167
Leak Detection:	Stock Inventor, 10

Tank Num:	004
Container Num:	0000000004
Year Installed:	1959
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000167
Leak Detection:	Stock Inventor, 10

Tank Num:	005
Container Num:	0000000005
Year Installed:	1959
Tank Capacity:	00000280
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	0000093
Leak Detection:	Stock Inventor

D64 **RUPPELL PHILLIP A** **EDR Hist Auto** **1020449369**
NW **300 S DELAWARE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.060 mi.
316 ft. **Site 11 of 35 in cluster D**

Relative: EDR Hist Auto
Higher

Actual:
23 ft.

Year:	Name:	Type:
1969	RUPPELL PHILLIP A	Gasoline Service Stations
1970	RUPPELL PHILLIP A	Gasoline Service Stations
1971	PICCONE HECTOR	Gasoline Service Stations
1972	PICCONE HECTOR	Gasoline Service Stations
1972	TIMS ARCO	Gasoline Service Stations
1973	TIMS ARCO	Gasoline Service Stations
1974	TIMS ARCO	Gasoline Service Stations
1975	TIMS ARCO	Gasoline Service Stations
1976	TIMS ARCO	Gasoline Service Stations
1977	TIMS ARCO	Gasoline Service Stations
1982	FINE ARCO	Gasoline Service Stations
1983	FINE ARCO	Gasoline Service Stations
1985	FINE ARCO	Gasoline Service Stations

RUPPELL PHILLIP A (Continued) **1020449369**

1986	FINE ARCO	Gasoline Service Stations
1987	ARCO TUNE-UP CENTER	Gasoline Service Stations
1988	ARCO TUNE-UP CENTER	Gasoline Service Stations
1989	ARCO TUNE-UP CENTER	Gasoline Service Stations
1990	3RD & DELWARE MP & G	Gasoline Service Stations
1991	3RD & DELWARE MP & G	Gasoline Service Stations
1992	3RD & DELWARE MP & G	Gasoline Service Stations
1993	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1993	CHIN OLIVER	Gasoline Service Stations
1994	CHIN OLIVER	Gasoline Service Stations
1994	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1995	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1995	CHIN OLIVER	Gasoline Service Stations
1996	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1996	CHIN OLIVER	Gasoline Service Stations
1997	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1997	CHIN OLIVER	Gasoline Service Stations
1998	CHIN OLIVER	Gasoline Service Stations
1998	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1999	SMOG PRO-SAN MATEO	General Automotive Repair Shops
1999	CHIN OLIVER	Gasoline Service Stations
2000	CHIN OLIVER	Gasoline Service Stations
2000	SMOG PRO-SAN MATEO	General Automotive Repair Shops
2001	CHIN OLIVER	Gasoline Service Stations
2001	SMOG PRO-SAN MATEO	General Automotive Repair Shops
2002	SMOG PRO-SAN MATEO	General Automotive Repair Shops
2002	SMOG PROS	Gasoline Service Stations
2003	SMOG PROS	Gasoline Service Stations
2003	SMOG PRO-SAN MATEO	General Automotive Repair Shops
2004	SMOG PRO-SAN MATEO	General Automotive Repair Shops
2004	SMOG PROS	Gasoline Service Stations
2005	ARCO SERVICE & REPAIR	Gasoline Service Stations
2005	SMOG PROS	Gasoline Service Stations
2006	SMOG PROS	Gasoline Service Stations
2006	ARCO SERVICE & REPAIR	Gasoline Service Stations
2007	ARCO SERVICE & REPAIR	Gasoline Service Stations
2007	SMOG PROS	Gasoline Service Stations
2008	SMOG PROS	Gasoline Service Stations
2008	ARCO SERVICE & REPAIR	Gasoline Service Stations
2009	SMOG PROS	Gasoline Service Stations
2010	SMOG PROS	Gasoline Service Stations
2011	SMOG PROS	Gasoline Service Stations
2012	SMOG PROS	Gasoline Service Stations
2013	SMOG PROS	Gasoline Service Stations
2014	SMOG PROS	Gasoline Service Stations

D65 **WING FAT RESTAURANT** **San Mateo Co. BI** **S123179620**
NW **500 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.064 mi.
339 ft. **Site 12 of 35 in cluster D**

Relative:
Higher

Actual:
24 ft.

San Mateo Co. BI:

Name:	WING FAT RESTAURANT
Address:	500 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001786

WING FAT RESTAURANT (Continued) **S123179620**

Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069596
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D66 **LAS PALOMAS #2** **San Mateo Co. BI** **S123179582**
NW **512 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.067 mi.
353 ft. **Site 13 of 35 in cluster D**

Relative: **Higher**
Actual: **23 ft.**

San Mateo Co. BI:

Name:	LAS PALOMAS #2
Address:	512 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001634
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069605
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D67 **ELENOR LEE** **DRYCLEANERS** **S106837831**
NW **508 EAST 3RD AVENUE** **EMI** **N/A**
< 1/8 **SAN MATEO, CA 94401** **HWTS**
0.067 mi.
354 ft. **Site 14 of 35 in cluster D**

Relative: **Higher**
Actual: **24 ft.**

DRYCLEANERS:

Name:	ELENOR LEE
Address:	508 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
EPA Id:	CAC002903489
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	03/28/2017
Facility Active:	No
Inactive Date:	08/04/2017
Facility Addr2:	Not reported
Owner Name:	ELENOR LEE
Owner Address:	508 EAST 3RD AVENUE
Owner Address 2:	Not reported
Owner Telephone:	4083839472
Contact Name:	WALTER LEE
Contact Address:	870 ARGUS COURT
Contact Address 2:	Not reported
Contact Telephone:	4083839472
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	870 ARGUS COURT
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO

ELENOR LEE (Continued) **S106837831**

Mailing State:	CA
Mailing Zip:	94404
Owner Fax:	Not reported
Region Code:	2
Latitude:	-90
Longitude:	180

EMI:

Name:	QUALITY CLEANERS
Address:	508 E 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	1267
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	QUALITY CLEANERS
Address:	508 E 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	1267
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HWTS:

Name:	ELENOR LEE
Address:	508 EAST 3RD AVENUE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC002903489
Inactive Date:	08/04/2017
Create Date:	03/28/2017

ELENOR LEE (Continued) **S106837831**

Last Act Date:	08/04/2017
Mailing Name:	Not reported
Mailing Address:	870 ARGUS COURT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 94404
Owner Name:	ELENOR LEE
Owner Address:	508 EAST 3RD AVENUE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 94401
Contact Name:	WALTER LEE
Contact Address:	870 ARGUS COURT
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94404

NAICS:

EPA ID:	CAC002903489
Create Date:	2017-03-28 16:59:30.710
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2017-03-28 16:59:30.71000
Inactive Date:	2017-08-04 11:45:17.96700
Facility Name:	ELENOR LEE
Facility Address:	508 EAST 3RD AVENUE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94401

D68 **LAS PALOMAS TAQUERIA** **San Mateo Co. BI** **S123183099**
NW **504 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.067 mi.
354 ft. **Site 15 of 35 in cluster D**

Relative:
Higher

Actual:
24 ft.

San Mateo Co. BI:

Name:	LAS PALOMAS TAQUERIA
Address:	504 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050836
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0070577
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D69 **LAS PALOMAS TAQUERIA** **San Mateo Co. BI** **S123179568**
NW **504 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.067 mi.
354 ft. **Site 16 of 35 in cluster D**

Relative:
Higher

Actual:
24 ft.

San Mateo Co. BI:

Name:	LAS PALOMAS TAQUERIA
Address:	504 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001576
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069600
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D70 **CLAUDIAS PASTES AND EMPANADAS** **San Mateo Co. BI** **S123183417**
North **668 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.067 mi.
355 ft. **Site 17 of 35 in cluster D**

Relative:
Lower

Actual:
21 ft.

San Mateo Co. BI:

Name:	CLAUDIAS PASTES AND EMPANADAS
Address:	668 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0053644
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0074257
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

C71 **T. ENDO AUTOMOTIVE** **LUST** **S103893917**
WSW **405 EAST 4TH AVENUE** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94401** **Cortese**
0.067 mi. **HAZNET**
356 ft. **Site 5 of 6 in cluster C** **HIST CORTESE**
CERS
HWTS

Relative:
Higher

Actual:
27 ft.

SAN MATEO CO. LUST:

Name:	T. ENDO AUTOMOTIVE
Address:	405 E 4TH AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110008
Facility Status:	9- Case Closed
Global ID:	T0608100197
APN Number:	034182060
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	T. ENDO AUTOMOTIVE

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Address:	405 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100197
Global Id:	T0608100197
Latitude:	37.5656492777677
Longitude:	-122.320557253967
Status:	Completed - Case Closed
Status Date:	08/25/2014
Case Worker:	Not reported
RB Case Number:	41-0207
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110008
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100197
Action Type:	RESPONSE
Date:	08/15/2007
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100197
Action Type:	RESPONSE
Date:	02/15/2008
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100197
Action Type:	RESPONSE
Date:	08/15/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100197
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0608100197
Action Type:	RESPONSE
Date:	08/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100197
Action Type:	RESPONSE
Date:	05/15/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608100197
Action Type:	RESPONSE
Date:	02/15/2005
Action:	Monitoring Report - Semi-Annually

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 02/24/2014
Action: Staff Letter - #20140224

Global Id: T0608100197
Action Type: RESPONSE
Date: 03/06/2018
Action: Correspondence

Global Id: T0608100197
Action Type: ENFORCEMENT

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Date: 06/10/2010
Action: Notice of Responsibility - #20100610

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 08/25/2014
Action: Closure/No Further Action Letter - #20140825

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 04/28/2014
Action: Staff Letter - #20140428

Global Id: T0608100197
Action Type: RESPONSE
Date: 03/01/2011
Action: Well Installation Workplan - Regulator Responded

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/15/2011
Action: Other Workplan - Regulator Responded

Global Id: T0608100197
Action Type: RESPONSE
Date: 05/15/2012
Action: Site Assessment Report - Regulator Responded

Global Id: T0608100197
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 07/28/2005
Action: Notice of Violation - #20050728

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 06/03/2003
Action: Notice of Violation - #20030603

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 11/26/2003
Action: Staff Letter - #20031125

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 07/15/2011
Action: Staff Letter - #20110715

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 06/25/2010
Action: Notice of Responsibility - #20100625

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 08/24/2010
Action: Staff Letter - #20100824

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 04/24/2018
Action: Email Correspondence - #20180424

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 04/16/2018
Action: Staff Letter - #20180416

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/01/2003
Action: Preliminary Site Assessment Report

Global Id: T0608100197
Action Type: RESPONSE
Date: 11/10/2005
Action: Preliminary Site Assessment Report

Global Id: T0608100197
Action Type: RESPONSE
Date: 03/26/2004
Action: Preliminary Site Assessment Workplan

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608100197
Action Type: RESPONSE
Date: 08/25/2014
Action: Well Destruction Report - Regulator Responded

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 12/19/2011
Action: Staff Letter - #20111219

Global Id: T0608100197
Action Type: Other
Date: 11/10/1987
Action: Leak Discovery

Global Id: T0608100197
Action Type: Other
Date: 10/27/1987
Action: Leak Reported

Global Id: T0608100197
Action Type: ENFORCEMENT

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Date: 11/21/1997
Action: Notice of Responsibility - #1

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 11/26/2003
Action: Staff Letter - #20031126

Global Id: T0608100197
Action Type: RESPONSE
Date: 11/01/2010
Action: Electronic Reporting Submittal Due

Global Id: T0608100197
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter - #20090709

LUST:
Global Id: T0608100197
Status: Open - Case Begin Date
Status Date: 10/27/1987

Global Id: T0608100197
Status: Open - Site Assessment
Status Date: 10/27/1987

Global Id: T0608100197
Status: Open - Site Assessment
Status Date: 07/09/2007

Global Id: T0608100197
Status: Open - Verification Monitoring
Status Date: 12/19/2011

Global Id: T0608100197
Status: Open - Eligible for Closure
Status Date: 08/05/2013

Global Id: T0608100197
Status: Completed - Case Closed
Status Date: 08/25/2014

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment underway
Case Number: 110008
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:

Name: ENDO AUTOMOTIVE
Address: 405 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016985
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003434
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ENDO AUTOMOTIVE
Address: 405 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016985
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010625
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ENDO AUTOMOTIVE
Address: 405 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016985
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0071944
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: ENDO AUTOMOTIVE
Address: 405 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016985
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068746
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

CORTESE:

Name: T. ENDO AUTOMOTIVE
Address: 405 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Global ID:	T0608100197
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HAZNET:

Name:	WINDY HILL PV SEVEN CM LLC
Address:	405 EAST 4TH AVENUE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94070
Contact:	MR. MICHAEL FIELD
Telephone:	6508471537
Mailing Name:	Not reported
Mailing Address:	530 EMERSON STREET, SUITE 150
Year:	2017
Gepaid:	CAC002929580
TSD EPA ID:	CAT000646117
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.9
Year:	2017
Gepaid:	CAC002929580
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.22935
Year:	2017
Gepaid:	CAC002929580
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	3.135
Year:	2017
Gepaid:	CAC002929580
TSD EPA ID:	CAT000646117

T. ENDO AUTOMOTIVE (Continued) **S103893917**

CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2258.82

Additional Info:
Year: 2017
Gen EPA ID: CAC002929580

Shipment Date: 20171121
Creation Date: 8/23/2018 18:30:16
Receipt Date: 20171206
Manifest ID: 014499725JJK
Trans EPA ID: CAR000276295
Trans Name: WM ENVIROSERV
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL IND
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171120
Creation Date: 5/30/2018 18:33:39
Receipt Date: 20171120
Manifest ID: 018137511JJK
Trans EPA ID: CAR000224568
Trans Name: BRADLEY TANKS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 611 - Contaminated soil from site clean-ups
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 25.38
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137523JJK
Trans EPA ID:	CAR000159046
Trans Name:	E & A TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137522JJK
Trans EPA ID:	CAR000259382
Trans Name:	G & H TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137521JJK

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Trans EPA ID:	CAR000148809
Trans Name:	INC TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137520JJK
Trans EPA ID:	CAR000259382
Trans Name:	G&H TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137519JJK
Trans EPA ID:	CAR000266569
Trans Name:	PAREDES TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported

T. ENDO AUTOMOTIVE (Continued) **S103893917**

TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137518JJK
Trans EPA ID:	CAL000158096
Trans Name:	E&A TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137517JJK
Trans EPA ID:	CAR000148809
Trans Name:	INC TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171115
Creation Date:	5/30/2018 18:33:39
Receipt Date:	20171115
Manifest ID:	018137516JJK
Trans EPA ID:	CAR000159046
Trans Name:	E & A TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	25.38
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	T ENDO AUTOMOTIVE
edr_fadd1:	405 4TH
City,State,Zip:	SAN MATEO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0207

CERS:

Name:	T. ENDO AUTOMOTIVE
Address:	405 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	240753
CERS ID:	T0608100197
CERS Description:	Leaking Underground Storage Tank Cleanup Site

HWTS:

Name:	WINDY HILL PV SEVEN CM LLC
Address:	405 EAST 4TH AVENUE
Address 2:	330 SOUTH CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94070
EPA ID:	CAC002929580
Inactive Date:	12/26/2017

T. ENDO AUTOMOTIVE (Continued) **S103893917**

Create Date:	09/25/2017
Last Act Date:	10/23/2018
Mailing Name:	Not reported
Mailing Address:	530 EMERSON STREET, SUITE 150
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PALO ALTO, CA 94301
Owner Name:	WINDY HILL PV SEVEN CM LLC
Owner Address:	530 EMERSON STREET, SUITE 150
Owner Address 2:	Not reported
Owner City,State,Zip:	PALO ALTO, CA 94301
Contact Name:	MR. MICHAEL FIELD
Contact Address:	530 EMERSON STREET, SUITE 150
Contact Address 2:	Not reported
City,State,Zip:	PALO ALTO, CA 94301

C72 **BAYSHORE CAR WASH INC** **EDR Hist Auto** **1021332655**
WSW **400 E 4TH ST** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.068 mi.
361 ft. **Site 6 of 6 in cluster C**

Relative: EDR Hist Auto
Higher

Actual: **28 ft.**

Year:	Name:	Type:
1977	BAYSHORE CAR WASH INC	Carwashes
1978	BAYSHORE CAR WASH INC	Carwashes

D73 **WINDY HILL PROPERTY VENTURES LLC** **RCRA NonGen / NLR** **1025849954**
WNW **304 S CLAREMONT ST** **CAC003030043**
< 1/8 **SAN MATEO, CA 94401**
0.069 mi.
364 ft. **Site 18 of 35 in cluster D**

Relative: RCRA NonGen / NLR:
Higher

Actual: **25 ft.**

Date Form Received by Agency:	2019-08-19 00:00:00.0
Handler Name:	WINDY HILL PROPERTY VENTURES LLC
Handler Address:	304 S CLAREMONT ST
Handler City,State,Zip:	SAN MATEO, CA 94401-3356
EPA ID:	CAC003030043
Contact Name:	JAIME D'ALLESSANDRO
Contact Address:	530 EMERSON ST #150
Contact City,State,Zip:	PALO ALTO, CA 94301
Contact Telephone:	650-847-1170
Contact Fax:	Not reported
Contact Email:	ESANFORD@JAKELAINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	530 EMERSON ST #150

WINDY HILL PROPERTY VENTURES LLC (Continued) **1025849954**

Mailing City,State,Zip:	PALO ALTO, CA 94301
Owner Name:	WINDY HILL PROPERTY VENTURES LLC
Owner Type:	Other
Operator Name:	JAIME D'ALLESSANDRO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 15:07:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

WINDY HILL PROPERTY VENTURES LLC (Continued) **1025849954**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WINDY HILL PROPERTY VENTURES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 530 EMERSON ST #150
Owner/Operator City,State,Zip: PALO ALTO, CA 94301
Owner/Operator Telephone: 650-847-1170
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JAIME D'ALLESSANDRO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 530 EMERSON ST #150
Owner/Operator City,State,Zip: PALO ALTO, CA 94301
Owner/Operator Telephone: 650-847-1170
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-08-19 00:00:00.0
Handler Name: WINDY HILL PROPERTY VENTURES LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 561110
NAICS Description: OFFICE ADMINISTRATIVE SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D74 **PFLEG EDWARD PAUL** **EDR Hist Auto** **1021023995**
NNW **592 E THIRD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.073 mi.
385 ft. **Site 19 of 35 in cluster D**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
22 ft. 1969 PFLEG EDWARD PAUL Gasoline Service Stations

D75 **SEVEN ELEVEN FOOD STORE** **San Mateo Co. BI** **S123179614**
NNW **600 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.073 mi.
387 ft. **Site 20 of 35 in cluster D**

Relative: San Mateo Co. BI:
Higher

Actual:
22 ft.

Name:	SEVEN ELEVEN FOOD STORE
Address:	600 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001777
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069623
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D76 **7-ELEVEN INC. STORE #20305** **San Mateo Co. BI** **S116348359**
NNW **600 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.073 mi.
387 ft. **Site 21 of 35 in cluster D**

Relative: San Mateo Co. BI:
Higher

Actual:
22 ft.

Name:	7-ELEVEN INC. STORE #20305
Address:	600 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0055313
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0076278
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

D77
NNW
< 1/8
0.073 mi.
387 ft.

7 ELEVEN STORE #2366-20305C
600 3RD
SAN MATEO, CA 94401

Site 22 of 35 in cluster D

San Mateo Co. BI **S123183550**
N/A

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:

Name:	7 ELEVEN STORE #2366-20305C
Address:	600 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0054665
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0075368
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D78
WNW
< 1/8
0.077 mi.
405 ft.

FUJI SUKIYAKI RESTAURANT
428 3RD
SAN MATEO, CA 94401

Site 23 of 35 in cluster D

San Mateo Co. BI **S123179619**
N/A

Relative:
Higher

Actual:
25 ft.

San Mateo Co. BI:

Name:	FUJI SUKIYAKI RESTAURANT
Address:	428 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001785
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069575
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D79
WNW
< 1/8
0.077 mi.
405 ft.

FUJI SUKIYAKI
428 3RD
SAN MATEO, CA 94401

Site 24 of 35 in cluster D

San Mateo Co. BI **S123183055**
N/A

Relative:
Higher

Actual:
25 ft.

San Mateo Co. BI:

Name:	FUJI SUKIYAKI
Address:	428 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050586
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0070145
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

E80 **REGAL STATION #420** **LUST** **U001603003**
NE **706 E 4TH AVE** **SWEEPS UST** **N/A**
< 1/8 **SAN MATEO, CA 94401** **HIST UST**
0.079 mi.
416 ft. **Site 1 of 9 in cluster E**

Relative:
Lower

Actual:
20 ft.

SAN MATEO CO. LUST:

Name:	REGAL
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110024
Facility Status:	9- Case Closed
Global ID:	T0608100423
APN Number:	033167140
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

SWEEPS UST:

Name:	REGAL STATION #420
Address:	706 E 4TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110089
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-26-94
Action Date:	04-26-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	REGAL STATION 420
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 95129
File Number:	0002C458
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C458.pdf
Region:	STATE
Facility ID:	00000012456
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	WALT SNELLING
Telephone:	9169211100
Owner Name:	WICKLAND OIL CO.
Owner Address:	1765 CHALLENGE WAY
Owner City,St,Zip:	SACRAMENTO, CA 95815
Total Tanks:	0004
Tank Num:	001
Container Num:	420-U1

REGAL STATION #420 (Continued) **U001603003**

Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	420-R1
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	420-P1
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	420-W1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

E81 **TOM'S VALERO** **UST** **U004266545**
NE **706 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.079 mi.
416 ft. **Site 2 of 9 in cluster E**

Relative: UST:
Lower

Actual: Name:	TOM'S VALERO
20 ft. Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	Not reported
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.56689
Longitude:	-122.31805

E82
NE
< 1/8
0.079 mi.
416 ft.

TOM'S VALERO
706 E 4TH AVE
SAN MATEO, CA 94080

Site 3 of 9 in cluster E

CERS HAZ WASTE
CERS TANKS
HAZNET
CERS

S121748429
N/A

Relative:
Lower

Actual:
20 ft.

CERS HAZ WASTE:

Name:	TOMMY'S CHEVRON
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	162627
CERS ID:	10457941
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	TOMMY'S CHEVRON
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	162627
CERS ID:	10457941
CERS Description:	Underground Storage Tank

HAZNET:

Name:	TOM'S VALERO
Address:	706 E 4TH AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94080
Contact:	JACK WINNER
Telephone:	6503335558
Mailing Name:	Not reported
Mailing Address:	1045 AIRPORT BLVD
Year:	2019
Gepaid:	CAL000389587
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.08400
Year:	2018
Gepaid:	CAL000389587
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.01000

CERS:

Name:	TOMMY'S CHEVRON
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	162627
CERS ID:	10457941
CERS Description:	Chemical Storage Facilities

TOM'S VALERO (Continued) **S121748429**

Violations:

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-14-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 05/14/2019. The 24 hour phone number listed for Tom Saber is
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-14-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 05/20/2019. Update the map to reflect the location of the following items: - storm and sewer drains - evacuation staging areas - Spill Kit materials (absorbent) next to hazardous waste. - Proper location of fire extinguishers and ESO for fuel - Location of hazardous waste storage (next to front entrances to building). Submit corrected map within 30 days to CERS.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-14-2019
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 05/14/2019. A small leak was observed on the copper tubing for the turbine pump in the 91 sump. This was repaired and cleaned up (less than 8 oz fluid) during the inspection. Reminder: Continue to prevent overfills of the tank. Some overfill alarms have occured recently (tank 1: 5/1/19, 2/24/19 and tank 2 12/31/18. Tank 3 (91): 4/26/19).
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-08-2018
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure to maintain secondarily contained piping to allow liquid to flow into the sump in the event of a leak (i.e., failure to remove test boot).
Violation Notes:	Returned to compliance on 05/08/2018. Test boot valve was positioned

TOM'S VALERO (Continued) **S121748429**

facing upward. When the boots are in place the test valve must be placed in the downward position to allow a leak to be detected immediately. The valve was re-positioned into the downward direction during the inspection. Corrected on site.

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/08/2017. One 55 gallon drum of testing water is labeled as hazardous waste. The label has become illegible. This was corrected on site and dated 1/2017.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2017
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 05/08/2017. The annular space associated with tank 87-2 has rust/sludge. The sensor clip/float was no longer attached when pulled out of annular space. Jack Winner was able to replace it during the inspection and remove water collecting in the annular space. About a quart of water was removed. This issue also came up during the 989 testing in January. The origin of this water is not clear. Investigate further to determine the cause of this water intrusion into the secondary containment. Ensure that the sensor continues to function properly and damage to the tank will not cause a leak or failure. Provide documentation of further investigation or testing to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 01-17-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/18/2017. Facility piping was tested

TOM'S VALERO (Continued) **S121748429**

1/17/16 under pressure. Lines for tank 1 regular passed. Lines for tank 2 regular failed, exhibiting line leaks at dispenser 1 and 2. Lines for tank 3 Premium failed. The failure was exhibited at dispenser 5 and 6. Repair and rest lines within 120 days. Tank 2 interstitial space was not tight, or otherwise was found to be collecting water. This water was pumped out during the inspection by Mr. Winner. Pint and half of liquid came out. Upon inspection, the sensor was found to be missing the float. Interstitial space was tested and failed to hold a vacuum. Upon further review, vacuum throughout the system is connected and has to be completely blocked from the combined exit point and all 3 interstitial space openings in order to be tested properly according to the technicians. This test was in process by the end of the day and the result will be reviewed on the final report. Complete repairs and retest within 120 days.

Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-14-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 05/14/2019. Provide a copy of the designated facility copy of the manifests associated with the March waste pickup to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-19-2020
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 05/19/2020. Panel light (green) was out during the inspection but was corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2017
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy.

TOM'S VALERO (Continued) **S121748429**

	Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes:	Returned to compliance on 08/23/2017. The recent DO reports (since February) do not include the date of the secondary containment 3 year testing performed in January and April. Alarm history reports attached to the DO monthly inspections do not always provide sufficient alarm history to cover the entire period from the previous inspection date. If using the INFORM ALARM HISTORY REPORT instead of the tape from the Vedeer root, the date of the last inspection must be verified to ensure the alarm history covers covers the current date to the previous inspection date. Provide an explanation and documentation of corrections to Env. Health for each item above within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-08-2017
Citation:	23 CCR 16 2632, 2634, 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records (e.g., alarm logs) and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 08/23/2017. On August 19th, 2016, there was an alarm at annular L6 (92 Supreme Tank). No explanation of this alarm or action taken is indicated on the September inspection report or other work orders, logs, and documentation. Provide an explanation of each alarm and action taken on the DO report and alarm log. Provide an explanation and documentation of corrections to Env. Health for the missing information above within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	01-17-2017
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 04/18/2017. Tank 2 (87 regular) interstitial space was found to be collecting water. Repair and retest the sensor within 30 days. When the sensor was removed from the interstitial space, the sensor went into alarm when pulled out of the water (L5: 87-2-ANN 1/17/16 11:52 AM). The water discovered was pumped out, but upon inspection the sensor was found to be missing the float. This water was pumped out during the inspection by Mr. Winner. Pint and half of liquid came out.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

TOM'S VALERO (Continued) **S121748429**

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-07-2014
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes:	Returned to compliance on 10/31/2014. RUL-1 and PUL overspill buckets failed hydrostatic test.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-14-2019
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 05/14/2019. Training last conducted 5/8/19 will be conducted today with all employees. Provide a copy of the training to Env. Health. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-14-2019
Citation:	22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes:	Returned to compliance on 06/17/2019. Have manifest copies been sent to the State DTSC? Please respond with if the facility has completed that requirement. This was undetermined during the inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-08-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes:	Returned to compliance on 08/22/2017. Put a copy of each 989 report in the facility binder to ensure that it is accessible for the monthly inspection. No work orders documenting follow-up repairs or work to address alarms were documented. Ensure that all monitoring, maintenance, and other work orders related to the UST are in the facility folder or available for review. Provide evidence of

TOM'S VALERO (Continued) **S121748429**

completion to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-14-2019
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 06/19/2019. Overfill devices were not tested today due to a replacement needed for 2 of the 3 spill buckets. Complete all permitted repairs and test overfill equipment as soon as possible. Submit permit and a plan to complete this testing within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 05/20/2019. Submit training plan and include access to medical resources, hazardous waste training, and former employee training (unless otherwise explained). Submit correction to CERS within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP

TOM'S VALERO (Continued) **S121748429**

Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2018
Citation: 23 CCR 16 2632(c)(2)(A)&(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(A)&(B)
Violation Description: Failure to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes: Returned to compliance on 06/26/2018. Water was found in the annular space of tank 2. This follows repairs of this part of the tank system completed and re-tested in December. Remove this water and ensure sensor remains at the lowest position. Continue to monitor this secondary containment and keep it free of water. It is noted that the annular space is connected to the the vent, according to the DO. It is not clear what the exact source of this water is. Remove the water and submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes: Returned to compliance on 06/05/2017. Spill bucket for tank 87-2 did not pass. Adjust and re-test or otherwise complete a permitted repair/replacement of the spill bucket within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-19-2020
Citation: 23 CCR 16 2632(c)(2)(A)&(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(A)&(B)
Violation Description: Failure to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes: Returned to compliance on 05/20/2020. L6 sensor 87-2 annular space "sensor out" alarm has occurred intermittently at the site. The annular space must be continuously monitored. This is most likely due to corrosion / faulty wiring to the sensor and it is under investigation. The junction box will be accessed for further investigation according to Rob N. The facility is asked to come up with a plan to repair this issue within 30 days and complete the repairs within 60 days. Please provide an update on the issue at the as soon as possible. Submit any records of repairs or updates to Env. Health.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

TOM'S VALERO (Continued) **S121748429**

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2018
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 05/08/2018. UDC float-chain assemblies 7/8, 9/10, and 11/12 did not function properly on the first test. These were cleaned, adjusted, re-tested, and passed. Note that the facility has an open permit to replace these with stand-alone sensors.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: No manifests found on site for the last 3 years, however, one drum of testing water is on site and labeled as hazardous waste. Provide a copy of all manifest generated within the last 3 years to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-08-2018
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 05/08/2018. When tested, the STP sensor for tank 1 went into alarm, however the pump did not shut-down. Upon further inspection relay may have been stuck. The relay was cleaned/adjusted. The system was re-tested and the sensor passed and also shut-down the pump. Corrected on site. Recommend further inspection and maintenance on the relays to ensure they are properly functioning.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Violation Date: 05-14-2019
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2

TOM'S VALERO (Continued) **S121748429**

Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 06/19/2019. 87-2 and 91 spill buckets were tested today and found to be somewhat less than 5 gallons. Replace these direct bury spill buckets by applying for a permit to replace them. Submit that to Env. Health within 30 days for repair and re-test.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-14-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 05/14/2019. No training record could be located on site. This training is scheduled to be completed today. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-07-2014
Citation:	HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description:	Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled.
Violation Notes:	Returned to compliance on 05/09/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	162627
Site Name:	Tommy's Chevron
Violation Date:	05-08-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 08/25/2017. The EPA ID number (CAL000389587)

TOM'S VALERO (Continued) **S121748429**

	is inactive. Submit form 1358 to reactivate the EPA ID. Complete the annual verification questionnaire in order to keep the EPA ID active. https://evq.dtsc.ca.gov/Home.aspx Provide evidence of EPA ID number reactivation within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	04-27-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Map elements missing requested to be submitted. Otherwise accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-05-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	ust form rejected. include install date and since tank secondary is fiberglass, mark isolation for corrosion protection
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2015

TOM'S VALERO (Continued) **S121748429**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	File review prior to site visit.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HMBP last submitted 11/14/16 on CERS. This submission was accepted. Print out a copy of this report and keep it in the binder. The last printed copy in the binder was from 2013. Alternatively, ensure employees have electronic access to the HMBP. Property owner and operator are the same entity according to Jack Winner.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

TOM'S VALERO (Continued) **S121748429**

Eval Date:	05-08-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The annular space associated with tank 87-2 has rust/sludge. The sensor clip/float was no longer attached when pulled out of annular space. Jack Winner was able to replace it during the inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-14-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Anniversary Date: The facilities first submission date was 9/23/18 and then a follow up plan was accepted on 5/9/19. Typically the initial submission date is the anniversary date, however, the updated HMBP has been submitted on or around 4/27 for the last two years. Continue to submit plan annually on or by the anniversary date. Property owner is listed as Andy's BP, Inc.-
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-14-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has on site: One drum (55 gal metal) for contaminated water or test water. One drum of waste absorbent for spill clean-up (empty). They typically re-use the spill clean-up materials several times before disposing of them in the hazardous waste drum. Pickups occur 1 or more times per year as needed (75 lbs and 20 gallons for 2019 to date).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

TOM'S VALERO (Continued) **S121748429**

Eval Date: 05-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Spill Buckets: 87-1, Pass hydrostatic test 5 gallon, yes 87-2 5 gallons-no, fail 91: 5 gallons - no, fail Observations: Contractor ICC: Tester Robert Neimeyer ICC 32521862 dated 11/15/17 in the binder. Sumps and spill containers: 91 minor leak observed in store sump. Set-up Alarm History Flags: 4/14/19 91 annular G sensor outG issues. Sensor inspected and put back. Functioned normal since then. Paperwork: DO reports for 12 months DO notification Work orders Alarm history matching Training: last dated 5/8/19. A new employee/manager, Sandy, is on site.Employee training to be conducted today. Last monitor cert.: Sec containment test: 1/17/17 Overfill protection report: not done today. Spill buckets to be replaced. CERS: Last Submission Date: 4/2019 CFR/CFO: 2019 Response Plan on site: Owner op agreement: exempt Plot Plan: Statement of understanding Do notification: DO form filed Panel: Lights Alarm Sensor [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-18-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspection report: Scope: This initial inspection was conducted virtually. Using the Facetime phone application and pictures taken of the site by the technician. Initial pictures were followed up by a tour of the site to verify the condition of the alarm panel, sumps, UDCs, spill containers, sensor placement, proper boot placement to allow any piping leaks to drain into the sump. Pictures placed in program file. The technician Rob Neimeyer was interviewed during the calls to verify the status of the equipment testing results, employee training, DO 30 day inspections, alarm history, work orders, corrections taken on site, and any plans to correct items. An update on the VMI cert was also provided. The following paperwork was requested. 1. A copy of the alarm history showing alarms for the last 12 months. 2. Designated Operators report for the months directly following a liquid sensor alarm. 3. Any work orders / records

TOM'S VALERO (Continued) **S121748429**

	associated with an alarm or a repair of the UST [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewing minor permit - spill bucket replacement. Sent request for more info.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-23-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Requested more information for the completion of the permit application. Missing pg 1 of the plan check documents.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewing minor repairs permit application (second round).
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed application for permit and requested a change in the check amount as well as the plan check page.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Partial 989 completed at the site to determine if middle tank secondary containment issue could be found. Although a slow drop in vacuum was observed over time, the site has passed the 989 test. The next step discussed was testing with helium.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

TOM'S VALERO (Continued) **S121748429**

Eval Date:	06-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted HMBP updates and closed associated violations.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-19-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Some condensation was removed from tank 2 annular which continues to be monitored. Based on the set up of the vent, by appearance, 3 tanks have individual vent lines and secondary containment has a manifolded vent line. If one line runs and then splits into 3 at the center tank, the center tank may be receiving the water condensation from this vent line. Rob has suggested that installing a desiccant filter on this vent line may help protect it from condensation build-up. I'll ask the specialist to determine if there are any concerns with this plan. Both spill buckets were tested for 5 gallon capacity and successfully held 5 gallons. Hydrostatic testing was conducted from 10:45-11:45. Both passed. Overfill equipment was also replaced today. A tank chart was generated by the contractor Robert Neimeyer. Based on a modern welding tank chart that was as close to the 10,071 gallon capacity of each tank as could be created. The flapper was originally set higher in the [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and filed copies of the spill bucket and overfill reports. Requested a copy of the tank charts. Received a copy of tank chart.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-27-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No records of DO reports after April 20th, 2017 were observed in the compliance binder during today's re-inspection. The 989 reports for the most recent tests were not in the binder during today's

TOM'S VALERO (Continued) **S121748429**

inspection. Continue to file all UST work, repair orders, or related monitoring and maintenance paperwork in this binder for review during inspections. Secondary containment testing is documented for the spill buckets on 11/1/14 and 5/7/14, however the DO reports indicate a different date. Provide a document in the file that indicates this date is incorrect and provide a copy of the most recent DO reports with the corrected date. Provide an update on the secondary containment system testing with helium discussed on June 5th to verify that the middle tank annular is properly holding. No violations were able to be corrected during this re-inspection. Provide all corrective actions requested to be completed by 6/7/17 to Env. Health as soon as possible.

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The EPA ID number for this site is still inactive. Test water dated 1/13/17 is still held on site. Provide manifests for the last 3 years and evidence that this waste has been removed from site or other explanation as to why this waste is on site beyond 180 days. Provide corrective actions to Env. Health as soon as possible. No violations can be corrected during this re-inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-22-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Helium test scheduled on the 29th of August. A copy of the DO report for August will be provided as evidence of correction for two violations noted regarding the procedure for properly documenting DO reports. The UST Spill bucket testing report from 6/6/17 was provided during this inspection to document the re-test of the spill bucket. A copy of the 989 report(s) and the file correction sheet for the binder was provided during the inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-22-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: No manifests generated for Tom's Valero for the last 3 years according to Tom Saberi. Also Tom noted that the waste water is going to be tested as part of a waste analysis to determine if it will be managed as hazardous waste. EPA ID form 1358 has been submitted to DTSC and violation will be closed when the ID has been reactivated.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

TOM'S VALERO (Continued) **S121748429**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-17-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-18-2014
Violations Found: No

TOM'S VALERO (Continued) **S121748429**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed permit application for processing. Minor Repair permit to explore top of tank for possible leak.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-30-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-30-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Rejected - minor correction for isolation tank 3 needed. Also accepted business plan submission which had no changes.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-17-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Underground storage tank permit expires 10/1/2018.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency

TOM'S VALERO (Continued) **S121748429**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Technician: Rob Neimeyer Prior inspection report: The following equipment either failed or was not able to be tested on this date to failure of a component. -East tank piping: 87 Regular UST 10K (collar on secondary piping in sump is cracked) so piping cannot be tested. Repairs are anticipated to be made to this fiberglass component. This STP sump must also be tested following this repair. -Middle tank piping: 87 Regular UST 10K tank is manifolded to the regular tank and piping cannot be tested as noted above. - UDC for pumps 1-2, 5-6, and 11-12 failed to function upon testing. The Bravo packing nut was found to be leaking (bubbles observed via picture). These UDCs cannot be tested until tightened/repaired. - Supreme piping also cannot be re-tested until lines is tightened to UDC as mentioned above. 3/2/20 Sumps: East Tank, closest to store (87 Regular UST 10K) piping sump collar for testing sump and line repaired. After observing a few bubbles, the [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	For UST repair.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-23-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and filed a copy of re-test for 989. No failures.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-18-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Jack Winner stated that the annular space water was pumped out during the 989 testing and the vent piping was blocked to prevent water from entering. This will be reviewed during the upcoming AMC scheduled for May. The re-test was not yet completed at the time that the site visit ended, however, upon discussion with the technician later that day, it was reported that both lines passed testing. The report will be verified upon receipt.

TOM'S VALERO (Continued) **S121748429**

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updates to COFR, CFO letter, and DO form. Remainder to be verified during inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 01-06-2015
Enf Action Type: Referral to District Attorney
Enf Action Description: Referral to District Attorney
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UNSPEC
Enf Action Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 01-07-2015
Enf Action Type: Referral to District Attorney
Enf Action Description: Referral to District Attorney
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 05-07-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE

TOM'S VALERO (Continued) **S121748429**

Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 05-07-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 08-16-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Violations have been marked corrected in violation dispatch center.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 08-16-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Violations have been marked corrected in violation dispatch center.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 162627
Site Name: Tommy's Chevron
Site Address: 706 E 4TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 08-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: referred to DA for failure to report release.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 162627
Facility Name: Tommy's Chevron
Env Int Type Code: HWG
Program ID: 10457941
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.566890

TOM'S VALERO (Continued) **S121748429**

Longitude: -122.318050

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Document Preparer
Entity Name:	John Winner
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Andy's BP, Inc.
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088

Affiliation Type Desc:	Operator
Entity Name:	ANDY'S BP, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 588-3088

Affiliation Type Desc:	Parent Corporation
Entity Name:	Gas & Shop
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Jack Winner
Entity Title:	Environmental Compliance
Affiliation Address:	Not reported

TOM'S VALERO (Continued) **S121748429**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 333-5558
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Andy's BP, Inc.
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	John Winner
Entity Title:	Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Andy's BP, Inc.
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088
Affiliation Type Desc:	Environmental Contact
Entity Name:	Tom Saberi
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94080
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner

TOM'S VALERO (Continued) **S121748429**

Entity Name:	Andy's BP, Inc.
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Andy's BP, Inc.
Entity Title:	Not reported
Affiliation Address:	1045 Airport Blvd.
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 588-3088

E83 **SAN MATEO GAS CO** **UST** **U004264232**
NE **706 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.079 mi.
416 ft. **Site 4 of 9 in cluster E**

Relative: UST:
Lower

Name:	TOMMY'S CHEVRON
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	PR0074737
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.56689
Longitude:	-122.31805
Name:	SAN MATEO GAS CO
Address:	706 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	FA0016957
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.566887
Longitude:	-122.318054

E84 **TOM'S VALERO** **RCRA NonGen / NLR** **1024840609**
NE **706 E 4TH AVE** **CAL000389587**
< 1/8 **SAN MATEO, CA 94401**
0.079 mi.
416 ft. **Site 5 of 9 in cluster E**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		2013-09-20 00:00:00.0
Handler Name:	TOM'S VALERO	
Handler Address:		706 E 4TH AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000389587
Contact Name:		JACK WINNER

TOM'S VALERO (Continued) **1024840609**

Contact Address:	1045 AIRPORT BLVD
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-333-5558
Contact Fax:	650-873-7144
Contact Email:	JWINNER@SELFSERVEPETRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1045 AIRPORT BLVD
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner Name:	ANDY'S BP INC
Owner Type:	Other
Operator Name:	JACK WINNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

TOM'S VALERO (Continued) **1024840609**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:03:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANDY'S BP INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1045 AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-588-3088
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK WINNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1045 AIRPORT BLVD
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-333-5558
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-09-20 00:00:00.0
Handler Name: TOM'S VALERO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

TOM'S VALERO (Continued) **1024840609**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E85 **REGAL** **LUST** **S103893919**
NE **706 EAST 4TH AVENUE** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94401** **Cortese**
0.079 mi. **HIST CORTESE**
416 ft. **Site 6 of 9 in cluster E** **CERS**

Relative:
Lower

Actual:
20 ft.

LUST:
Name: REGAL
Address: 706 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100423
Global Id: T0608100423
Latitude: 37.566715
Longitude: -122.317756
Status: Completed - Case Closed
Status Date: 02/01/2008
Case Worker: Not reported
RB Case Number: 41-0444
Local Agency: Not reported
File Location: Local Agency Warehouse
Local Case Number: 110024
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100423
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100423
Action Type: RESPONSE
Date: 05/14/2004

REGAL (Continued) **S103893919**

Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 05/14/2004
Action: Interim Remedial Action Report

Global Id: T0608100423
Action Type: RESPONSE
Date: 03/31/2004
Action: Other Report / Document

Global Id: T0608100423
Action Type: RESPONSE
Date: 05/31/2006
Action: Other Workplan

Global Id: T0608100423
Action Type: RESPONSE
Date: 11/08/2006
Action: Other Report / Document

Global Id: T0608100423
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 11/21/2003
Action: Sensitive Receptor Survey Report

Global Id: T0608100423
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

REGAL (Continued) **S103893919**

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 02/22/1989
Action: Notice of Responsibility - #1

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 07/12/2006
Action: Staff Letter - #20060712

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 02/01/2008
Action: Closure/No Further Action Letter - #20080201

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 06/19/2007
Action: Notification - Fee Title Owners Notice - #20070619

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 10/23/2003
Action: Staff Letter - #20031023

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 12/06/2006
Action: Staff Letter - #20061206

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 08/07/2003
Action: Staff Letter - #20030807

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 04/05/2006
Action: Staff Letter - #20060405

Global Id: T0608100423
Action Type: ENFORCEMENT
Date: 01/05/2004
Action: Staff Letter - #20040105

Global Id: T0608100423
Action Type: Other
Date: 03/19/1987
Action: Leak Discovery

Global Id: T0608100423
Action Type: Other
Date: 03/19/1987
Action: Leak Reported

Global Id: T0608100423
Action Type: RESPONSE

REGAL (Continued) **S103893919**

Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 02/05/2007
Action: Request for Closure

Global Id: T0608100423
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100423
Action Type: REMEDIATION
Date: 06/01/2003
Action: Soil Vapor Extraction (SVE)

LUST:
Global Id: T0608100423
Status: Open - Case Begin Date
Status Date: 03/19/1987

Global Id: T0608100423
Status: Open - Remediation
Status Date: 03/19/1987

Global Id: T0608100423
Status: Completed - Case Closed
Status Date: 02/01/2008

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Remedial action (cleanup) Underway
Case Number: 110024
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/1/1965
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: SAN MATEO GAS CO

REGAL (Continued) **S103893919**

Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016957
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022152
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: SAN MATEO GAS CO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016957
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023106
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SAN MATEO GAS CO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016957
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0023107
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN MATEO GAS CO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016957
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0044355
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SAN MATEO GAS CO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016957
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068742
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TOM'S VALERO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401

REGAL (Continued) **S103893919**

Region: SAN MATEO
Facility ID: FA0054086
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0074738
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TOM'S VALERO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0054086
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0074737
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: TOM'S VALERO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0054086
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0074735
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: TOM'S VALERO
Address: 706 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0054086
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0074736
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: REGAL
Address: 706 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100423
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported

REGAL (Continued) **S103893919**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	REGAL
edr_fadd1:	706 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0444

CERS:

Name:	REGAL
Address:	706 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	204885
CERS ID:	T0608100423
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

E86 **CHEVERON & SHOP** **San Mateo Co. BI** **S123183473**
NE **706 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.079 mi.
416 ft. **Site 7 of 9 in cluster E**

Relative: **Lower**

Actual: **20 ft.**

San Mateo Co. BI:

Name:	CHEVERON & SHOP
Address:	706 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0054047
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0074671
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

E87 **FOURTH AVE BEACON INC** **EDR Hist Auto** **1020331051**
NE **706 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.079 mi.
416 ft. **Site 8 of 9 in cluster E**

Relative: EDR Hist Auto
Lower

Actual:
20 ft.

Year:	Name:	Type:
1973	ALS REGAL ARCO	Gasoline Service Stations
1974	ALS REGAL ARCO	Gasoline Service Stations
1975	ALS REGAL ARCO	Gasoline Service Stations
1976	ALS REGAL ARCO	Gasoline Service Stations
1977	ALS REGAL ARCO	Gasoline Service Stations
1978	ALS REGAL ARCO	Gasoline Service Stations
1979	ALS REGAL ARCO	Gasoline Service Stations
1980	ALS REGAL ARCO	Gasoline Service Stations
1989	FOURTH AVE BEACON	Gasoline Service Stations, NEC
1990	FOURTH AVE BEACON	Gasoline Service Stations, NEC
1991	FOURTH AVE BEACON	Gasoline Service Stations, NEC
1992	FOURTH AVE BEACON	Gasoline Service Stations, NEC
1993	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
1994	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
1995	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
1996	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
1997	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
1998	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
1999	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2000	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2007	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2008	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2009	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2010	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2011	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2012	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2013	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC
2014	FOURTH AVE BEACON INC	Gasoline Service Stations, NEC

F88 **SAIGON CITY AUTHENTIC VIETNAM** **San Mateo Co. BI** **S123179618**
WNW **418 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.079 mi.
417 ft. **Site 1 of 15 in cluster F**

Relative: San Mateo Co. BI:
Higher

Actual:
26 ft.

Name:	SAIGON CITY AUTHENTIC VIETNAM
Address:	418 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001784
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069571
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D89
NNW
< 1/8
0.079 mi.
419 ft.

THIRD AVENUE SHELL
611 E 003RD
SAN MATEO, CA 94401

Site 25 of 35 in cluster D

SWEEPS UST **S101594016**
CA FID UST **N/A**

Relative:
Higher

Actual:
22 ft.

SWEEPS UST:

Name:	THIRD AVENUE SHELL
Address:	611 E 003RD
City:	SAN MATEO
Status:	Active
Comp Number:	110114
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	06-20-90
Owner Tank Id:	6894-0505-2SU1
SWRCB Tank Id:	41-000-110114-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	3

Name:	THIRD AVENUE SHELL
Address:	611 E 003RD
City:	SAN MATEO
Status:	Active
Comp Number:	110114
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	06-20-90
Owner Tank Id:	6894-0505-2RU1
SWRCB Tank Id:	41-000-110114-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	THIRD AVENUE SHELL
Address:	611 E 003RD
City:	SAN MATEO
Status:	Active
Comp Number:	110114
Number:	2
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	06-20-90
Owner Tank Id:	6894-0505-SR-1
SWRCB Tank Id:	41-000-110114-000003

THIRD AVENUE SHELL (Continued) **S101594016**

Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	41004823
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

D90 **QUALITY CLEANERS** **San Mateo Co. BI** **1004440514**
WNW **508 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.080 mi.
421 ft. **Site 26 of 35 in cluster D**

Relative: **Higher**

Actual: **24 ft.**

San Mateo Co. BI:

Name:	QUALITY CLEANERS
Address:	508 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0014461
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0023269
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	QUALITY CLEANERS
Address:	508 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0014461
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0023270
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

F91 **KASBARI EDMAN** **EDR Hist Cleaner** **1018440704**
WNW **412 E 3RD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.082 mi.
434 ft. **Site 2 of 15 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual:
26 ft.

Year:	Name:	Type:
1987	LEES ALTERATION & DRY CLG	Laundry And Garment Services, NEC
1992	FAMILY CLEANERS	Drycleaning Plants, Except Rugs
1993	FAMILY CLEANERS	Drycleaning Plants, Except Rugs
1994	FAMILY CLEANERS	Drycleaning Plants, Except Rugs
1995	FAMILY CLEANERS	Drycleaning Plants, Except Rugs
1996	FAMILY CLEANERS	Drycleaning Plants, Except Rugs
1997	KASBARI EDMAN	Drycleaning Plants, Except Rugs
1998	KASBARI EDMAN	Drycleaning Plants, Except Rugs
1999	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2000	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2001	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2002	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2003	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2004	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2005	KASBARI EDMAN	Drycleaning Plants, Except Rugs
2006	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2007	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2008	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2009	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2010	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2011	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2012	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2013	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC
2014	KASBARI EDMAN	Drycleaning Plants, Except Rugs, NEC

G92 **TAQUERIA EL NAYARITA** **San Mateo Co. BI** **S123179696**
NNW **660 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.085 mi.
448 ft. **Site 1 of 12 in cluster G**

Relative: San Mateo Co. BI:
Lower

Actual:
21 ft.

Name:	TAQUERIA EL NAYARITA
Address:	660 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0002158
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069638
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

G93 **ALBAYK** **San Mateo Co. BI** **S123183019**
North **670 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.088 mi.
463 ft. **Site 2 of 12 in cluster G**

Relative: **Lower**
Actual: **21 ft.**

San Mateo Co. BI:

Name:	ALBAYK
Address:	670 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050381
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069639
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

D94 **UNION OIL SERVICE STATION 4178** **SWEEPS UST** **S101594006**
NNW **615 E 003RD AVE** **CA FID UST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.091 mi.
480 ft. **Site 27 of 35 in cluster D**

Relative: **Higher**
Actual: **22 ft.**

SWEEPS UST:

Name:	UNION OIL SERVICE STATION 4178
Address:	615 E 003RD AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110084
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	4178-SU-1
SWRCB Tank Id:	41-000-110084-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	UNION OIL SERVICE STATION 4178
Address:	615 E 003RD AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110084
Number:	9
Board Of Equalization:	Not reported
Referral Date:	04-20-94
Action Date:	04-20-94
Created Date:	10-13-88
Owner Tank Id:	4178-RU-1
SWRCB Tank Id:	41-000-110084-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-20-94

UNION OIL SERVICE STATION 4178 (Continued) **S101594006**

Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 41004812
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 615 E 003RD AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN MATEO 94402
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H95 **DOWNTOWN SAN MATEO OPPORTUNITY SITES** **ENVIROSTOR** **S126143212**
SSW **400 EAST 5TH AVENUE, 408 EAST 4TH AVENUE** **VCP** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.093 mi.
489 ft. **Site 1 of 7 in cluster H**

Relative: **Higher**

Actual: **28 ft.**

ENVIROSTOR:
Name: DOWNTOWN SAN MATEO OPPORTUNITY SITES
Address: 400 EAST 5TH AVENUE, 408 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 60002987
Status: Active
Status Date: 04/20/2020
Site Code: 202309
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Arthur Machado
Supervisor: Whitney Smith
Division Branch: Cleanup Berkeley
Assembly: , 22
Senate: , 13
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.56522
Longitude: -122.3200
APN: 033281140, 034183060
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS, UNDERGROUND STORAGE TANKS

DOWNTOWN SAN MATEO OPPORTUNITY SITES (Continued) **S126143212**

Potential COC: Arsenic Benzene Lead Tetrachloroethylene (PCE
Confirmed COC: Arsenic Benzene Lead Tetrachloroethylene (PCE
Potential Description: SOIL, SV
Alias Name: Kiku Crossing
Alias Type: Alternate Name
Alias Name: 033281140
Alias Type: APN
Alias Name: 034183060
Alias Type: APN
Alias Name: 202309
Alias Type: Project Code (Site Code)
Alias Name: 60002987
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/20/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/31/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/31/2018
Comments: Phase I ESA conducted by AEI. Site characterization with be required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/15/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 08/12/2020
Comments: DTSC approved RP’s work plan

Future Area Name: PROJECT WIDE

DOWNTOWN SAN MATEO OPPORTUNITY SITES (Continued) **S126143212**

Future Sub Area Name:	Not reported
Future Document Type:	Removal Action Completion Report
Future Due Date:	2022
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Removal Action Workplan
Schedule Due Date:	03/12/2021
Schedule Revised Date:	Not reported

VCP:

Name:	DOWNTOWN SAN MATEO OPPORTUNITY SITES
Address:	400 EAST 5TH AVENUE, 408 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	60002987
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Arthur Machado
Supervisor:	Whitney Smith
Division Branch:	Cleanup Berkeley
Site Code:	202309
Assembly:	, 22
Senate:	, 13
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	04/20/2020
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.56522 / -122.3200
APN:	033281140, 034183060
Past Use:	MANUFACTURING - LUMBER/WOOD PRODUCTS, UNDERGROUND STORAGE TANKS
Potential COC:	30001, 30003, 30013, 30022
Confirmed COC:	30001,30003,30013,30022
Potential Description:	SOIL, SV
Alias Name:	Kiku Crossing
Alias Type:	Alternate Name
Alias Name:	033281140
Alias Type:	APN
Alias Name:	034183060
Alias Type:	APN
Alias Name:	202309
Alias Type:	Project Code (Site Code)
Alias Name:	60002987
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	07/20/2020
Comments:	Not reported

DOWNTOWN SAN MATEO OPPORTUNITY SITES (Continued) **S126143212**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/31/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/31/2018
Comments: Phase I ESA conducted by AEI. Site characterization with be required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/15/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 08/12/2020
Comments: DTSC approved RP's work plan

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2022
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 03/12/2021
Schedule Revised Date: Not reported

D96 **JACK IN THE BOX #0495** **San Mateo Co. BI** **S119781509**
NW **555 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.093 mi.
493 ft. **Site 28 of 35 in cluster D**

Relative: **Higher**
Actual: **23 ft.**

San Mateo Co. BI:
Name: JACK IN THE BOX #0495
Address: 555 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0065373

JACK IN THE BOX #0495 (Continued) **S119781509**

Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069615
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: JACK IN THE BOX #0495
Address: 555 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0002646
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0082513
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

F97 **ACCU-TUNE** **LUST** **S103893879**
WNW **435 3RD** **San Mateo Co. Bl** **N/A**
< 1/8 **SAN MATEO, CA 94402** **Cortese**
0.099 mi. **HIST CORTESE**
523 ft. **Site 3 of 15 in cluster F** **CERS**

Relative: **Higher**
Actual: **26 ft.**

LUST:
Name: ACCU-TUNE
Address: 435 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100004
Global Id: T0608100004
Latitude: 37.5665702075284
Longitude: -122.321197986603
Status: Completed - Case Closed
Status Date: 04/06/1998
Case Worker: Not reported
RB Case Number: 41-0003
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110048
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100004
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100004
Action Type: ENFORCEMENT
Date: 04/06/1998

ACCU-TUNE (Continued) **S103893879**

Action: Closure/No Further Action Letter - #2

Global Id: T0608100004
Action Type: ENFORCEMENT
Date: 08/18/1989
Action: Notice of Responsibility - #1

Global Id: T0608100004
Action Type: Other
Date: 11/07/1989
Action: Leak Discovery

Global Id: T0608100004
Action Type: Other
Date: 11/07/1989
Action: Leak Reported

Global Id: T0608100004
Action Type: RESPONSE
Date: 04/15/1998
Action: Other Report / Document

LUST:
Global Id: T0608100004
Status: Open - Case Begin Date
Status Date: 08/18/1989

Global Id: T0608100004
Status: Completed - Case Closed
Status Date: 04/06/1998

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110048
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005578
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3

ACCU-TUNE (Continued) **S103893879**

Record Id: PR0003353
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005578
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010743
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0040343
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0056377
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0040343
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0056376
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047821
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068925
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047821
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0065274
Description: STORES MV FUELS OR WASTE ONLY

ACCU-TUNE (Continued) **S103893879**

Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: PRECISION TUNE AUTO CARE
Address: 435 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047821
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0065275
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: ACCU-TUNE
Address: 435 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100004
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: ACCUTUNE
edr_fadd1: 435 3RD
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0003

CERS:
Name: ACCU-TUNE
Address: 435 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 193118
CERS ID: T0608100004
CERS Description: Leaking Underground Storage Tank Cleanup Site

ACCU-TUNE (Continued) **S103893879**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

F98 **PAULS FLYING A SERVICE** **EDR Hist Auto** **1020934736**
WNW **435 THIRD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.099 mi.
523 ft. **Site 4 of 15 in cluster F**

Relative: EDR Hist Auto
Higher

Actual: **26 ft.**

Year:	Name:	Type:
1969	PAULS FLYING A SERVICE	Gasoline Service Stations
1971	PAULS PHILLIPS 66	Gasoline Service Stations
1972	PAULS PHILLIPS 66	Gasoline Service Stations
1973	PAULS PHILLIPS 66	Gasoline Service Stations
1974	PAULS PHILLIPS 66	Gasoline Service Stations
1975	PAULS PHILLIPS 66	Gasoline Service Stations
1994	ACC-U-TUNE & BRAKE	General Automotive Repair Shops
1995	ACC-U-TUNE & BRAKE	General Automotive Repair Shops
1996	ACC-U-TUNE & BRAKE	General Automotive Repair Shops
1997	PRECISION TUNE	General Automotive Repair Shops
1998	PRECISION TUNE	General Automotive Repair Shops
1999	PRECISION TUNE	General Automotive Repair Shops
2000	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2001	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2002	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2003	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2004	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2005	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2006	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2007	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2008	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2009	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2010	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2011	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2012	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2013	PRECISION TUNE AUTO CARE	General Automotive Repair Shops
2014	PRECISION TUNE AUTO CARE	General Automotive Repair Shops

F99 **PRECISION TUNE AUTO CARE** **CERS HAZ WASTE** **S113093319**
WNW **435 E 3RD AVE** **CERS** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.099 mi.
523 ft. **Site 5 of 15 in cluster F**

Relative:
Higher

Actual:
26 ft.

CERS HAZ WASTE:
Name: PRECISION TUNE AUTO CARE
Address: 435 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 144753
CERS ID: 10070959
CERS Description: Hazardous Waste Generator

CERS:
Name: PRECISION TUNE AUTO CARE
Address: 435 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 144753
CERS ID: 10070959
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-24-2019
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 07/18/2019. Train employees on the following items found to be out of compliance: - Keep oil filter drum closed. - Label or update hazardous waste label on each container. - Prevent overfills on the used oil tank.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-24-2019
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 07/18/2019. The following containers are required to be kept closed when not actively being filled/emptied: - Used oil tank secondary containment is open and has less than 2 feet of freeboard. Do not collect used oil here if it cannot be closed. - The waste oil filters (metal and paper) drum lid appeared to be left open over night. Put the lid on and fasten the ring around the drum when not in use. Submit evidence of completion to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-20-2017
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 10/03/2017. No property owner notification record was retained according to Allen. Provide a copy of the completed property owner notification to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-24-2019
Citation: 40 CFR 1 265.201(b)(4) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(b)(4)
Violation Description: Failure to equip a continuously fed hazardous waste tank with a means to stop the inflow (e.g., waste feed cutoff system or by-pass system to a stand-by tank).
Violation Notes: Returned to compliance on 11/07/2019. Provide appropriate overfill protection for the used oil tank which is stored in a shed behind the shop. Currently the tank is remotely filled from inside the shop. Provide evidence that an alarm, cut-off system, or other appropriate overfill prevention method is in place for the tank.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-20-2017
Citation: 40 CFR 1 265.201(f) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(f)
Violation Description: Failure to remove all hazardous waste from tanks, discharge control equipment, and discharge confinement structures upon closure of the facility.
Violation Notes: Returned to compliance on 10/03/2017. The secondary containment around the used oil tank is filling with oil spill. Also debris is collecting in this area. Have the debris removed and the used oil removed from the secondary containment within 30 days. Provide evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-20-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 08/16/2017. Metal used oil filters were found to be left on the ground outside. Put these into a drum immediately. When waste paper oil filters are generated, they must be managed as hazardous waste instead of using the metal oil filter waste management standards. If stored in the waste area outside, a drum of waste paper filters would be required to be collected every 180 days when small quantity generator status is maintained (generating less than approx. 270 gallons or 100 kg in each calendar month). When metal oil filters are generated they must be properly drained to prevent the oil from collecting in the drum. Crushing or puncturing is recommended to remove more oil from the filter in order to prevent oil from collecting in the drum. Provide evidence that the used oil filters are being properly collected and drained. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 07/18/2019. Small oil spills observed near the used oil tank. Residual staining observed around the used oil filter drums. Continue to clean up spills immediately to prevent them from infiltrating to the soil/groundwater. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being

PRECISION TUNE AUTO CARE (Continued) **S113093319**

refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 07/19/2019. Several red steel drums and additional poly drums were found to be empty and collecting on site. Mark empty drums with the date emptied and remove within 1 year of the accumulation start date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-20-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 10/03/2017. The used oil tank was open. The lid could not be located. The waste antifreeze drum was also open. Find or replace these caps. Submit evidence of correction to Env Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-24-2019
Citation: 40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description: Failure to inspect hazardous waste tanks for the following, when present: 4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams. 5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).
Violation Notes: Returned to compliance on 07/18/2019. The secondary containment for the used oil tank is filled with used oil. Conduct weekly inspections of the secondary containment and connected features/piping. Submit evidence of completion to Env. Health by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 06-20-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in

PRECISION TUNE AUTO CARE (Continued) **S113093319**

	safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/03/2017. No training record completed according to Allen. Provide a copy of the completed training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Description:	Failure to inspect hazardous waste tanks at least once each operating day for the following, when present: (1) Discharge control equipment (e.g., waste feed cutoff systems, by-pass systems, and drainage systems) to ensure that it is in good working order; (2) Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that the tank is being operated according to its design; (3) The level of waste in the tank.
Violation Notes:	Returned to compliance on 07/18/2019. The secondary containment for the used oil tank is filled with used oil. Conduct daily inspections of the tank levels and any gages. Submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 07/18/2019. Fire extinguishers were last certified Jan. 2018. Re-certify fire extinguishers and provide evidence of completion to Env. Health within 30 days. Spill absorbent material supplies are small. Replenish spill materials, especially for the large quantity of oil collected on site at this time. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-20-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical

PRECISION TUNE AUTO CARE (Continued) **S113093319**

	characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/16/2017. The used oil tank had a label, however each rolling used oil collection container was not properly labeled. Provide a completed hazardous waste label on each of these containers. If the containers are emptied daily, you can provide that for the accumulation start date. The waste antifreeze drum is not labeled with a completed hazardous waste label. It is currently faded and illegible. Any used oil filter drum containing paper filters would be considered hazardous waste. Provide a hazardous waste label on each paper filter drum. Provide proper labels for each of the containers mentioned above and send a picture or provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-20-2017
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 06/20/2017. Emergency procedures form filled out and posted during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 06/25/2019. EPA ID CAL000363775 is inactive. Contact DTSC to have your questionnaire released for you to submit your electronic verification questionnaire. Contact info: General: 1-877-454-4012 (Toll-free), E-mail: eVQ@dtsc.ca.gov. Website to complete EVQ: https://evq.dtsc.ca.gov/Home.aspx Complete and submit questionnaire (and payment if applicable). EPA ID will then be activated shortly after. Check your profile at: https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid=CAL000363775 Submit evidence of correction within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	03-14-2019

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 03/14/2019. HMBP last submitted June of 2018. It was declined. The plan was updated and submitted during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-20-2017
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 08/16/2017. The ground around the used oil filters and antifreeze outdoor storage is oily. Although the area is paved, ensure that this material is cleaned up immediately. Oil filters are also observed to be left on the ground in this area. ensure those are picked up immediately and placed into the used oil filters drum. Provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 11/05/2019. Update the label on each hazardous waste container as follows: 1. Roll-around used oil containers (2). Fill in the hazardous waste label template on the container. 2. Waste antifreeze drum. Fill in the hazardous waste label template on the container. It is currently marked as "hazardous waste" and "waste antifreeze", but the other required information is missing. 3. The used oil filter drum (1) contains both metal and paper filters. Provide all elements of a hazardous waste label on this container. It is currently labeled as used oil and gasoline filters as if only metal filters were in this drum. Update labels and provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	11-07-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Facility personnel consists of owner, his wife, and part time employee(s). Facility must complete a record of employee training on the hazardous materials business plan submitted to the County portal. Required Action: Provide a copy of the completed HMBP training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-20-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/20/2017. HMBP was corrected and submitted during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-20-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/20/2017. HMBP was corrected (used oil and filters) and submitted during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	144753
Site Name:	PRECISION TUNE AUTO CARE
Violation Date:	06-24-2019
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 07/18/2019. The emergency coordinator phone

PRECISION TUNE AUTO CARE (Continued) **S113093319**

numbers and location of emergency equipment could not be located during the inspection. Post this information and submit evidence of correction to Env. Health by the comply by date.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 144753
Site Name: PRECISION TUNE AUTO CARE
Violation Date: 03-14-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/14/2019. Map missing some minimum items like emergency equipment (fire extinguisher, spill kit) updated during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: No employees according to owner.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted HMBP updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-19-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-20-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Allen reported that no significant changes occurred at the facility recently.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-20-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	During the inspection we discussed proper management of universal waste non-empty aerosol cans, however none were observed during the inspection. Used oil tank: Approximate use is 100 gallons of waste collected per month or 1200 gals per year. Used oil filters: Several drums of used oil filters were stored at the facility. Recently, drums were picked up that had been dumped at the site. The management of properly draining used oil filters and possibly separating recyclable metal filters from hazardous waste paper filters was discussed. Waste antifreeze is being managed as hazardous waste and is stored in a 55 gallon drum in an overpack drum.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-24-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	All items marked as undetermined with be reviewed upon access to copies of all waste records and manifests.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-29-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	HMBP declined due to deficient map.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Eval Date:	07-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	7/18/19 3:00 PM Corrected on site during the re-inspection: Emergency procedures posted. Reminders: 1. Keep oil filters inside drum and prevent them from being stored on the ground. Continue to maintain housekeeping of waste in these areas. 2. Add accumulation start date to each container. Check the manifest to confirm the start date. Provide copies of the manifests. Violation Corrections Required: 1. Provide evidence that employee training was completed. 2. Provide receipt with information about the type of pump installed. 3. Empty container scheduled to be picked up by oil company this week. Corrected: Fire extinguishers certified. Used oil removed from secondary containment.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-27-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No violations corrected at the time of this re-inspection. Allen requested an extension. Extension granted for all corrections to be completed by 8/10/17. Update: Some of the drums collecting in the back area have now been removed. Currently 3 drums will be remaining on site in the back area including one 55 gallon drum for waste antifreeze (internal lid still needed) for this drum in overpack. Two drums for used oil filters are kept on site.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-27-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Property owner notification and HMBP training records have not yet been completed. No violations corrected at the time of this re-inspection. Allen requested an extension. Extension granted for all corrections to be completed by 8/10/17.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-16-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The facility cleaned up the drum storage area and labeled containers. The containers in this are were also closed. The used oil tank is not yet able to be closed as a proper lid has not been able to be located. The secondary containment has also not yet been completely cleaned out. Provide evidence of completion to Env. Health for completing that work. Estimated completion date within one week.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-17-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The training record and property owner notification have not yet been completed. Estimated completion date within one week.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected. Hazardous Materials Inventory, employee training plan, and map incomplete.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	I stopped by to check in with Allen Swift. He reported he would have the items completed by Thursday, but is not currently ready for the re-inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	I stopped by to speak with Allen Swift about closing the open violations. He was not able to speak with me today, but said he would be available Friday or Monday. We agreed he would call me on Monday.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-07-2019
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Provided email response to site regarding overfill prevention procedures and employee training. Reviewed and closed open violations based on information provided via email from 10/31/19. Records filed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	144753

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Facility Name:	PRECISION TUNE AUTO CARE
Env Int Type Code:	HWG
Program ID:	10070959
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.566620
Longitude:	-122.321243

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Allen Swift
Entity Title:	Not reported
Affiliation Address:	435 E Third Ave
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Identification Signer
Entity Name:	Allen Swift
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	435 E 3RD AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Bowie Estates
Entity Title:	Not reported
Affiliation Address:	712 Harbor Island Dr
Affiliation City:	Newport Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92660

PRECISION TUNE AUTO CARE (Continued) **S113093319**

Affiliation Phone:	(509) 557-5212
Affiliation Type Desc:	Document Preparer
Entity Name:	Allen Swift
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	SWIFT, ALAN
Entity Title:	Not reported
Affiliation Address:	435 3RD
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 344-7656
Affiliation Type Desc:	Operator
Entity Name:	allenswiftinc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 344-7656
Affiliation Type Desc:	Parent Corporation
Entity Name:	Precision Tune Auto Care
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

F100 **PRECISION TUNE AUTO CARE** **RCRA NonGen / NLR** **1025868373**
WNW **435 E 3RD AVE** **CAL000363775**
< 1/8 **SAN MATEO, CA 94401**
0.099 mi.
523 ft. **Site 6 of 15 in cluster F**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2011-05-20 00:00:00.0
Handler Name:	PRECISION TUNE AUTO CARE
Handler Address:	435 E 3RD AVE
Handler City,State,Zip:	SAN MATEO, CA 94401-3301
EPA ID:	CAL000363775
Contact Name:	ALLEN SWIFT - OWNER
Contact Address:	435 E 3RD AVE
Contact City,State,Zip:	SAN MATEO, CA 94401

Actual:
26 ft.

PRECISION TUNE AUTO CARE (Continued) **1025868373**

Contact Telephone:	650-344-7656
Contact Fax:	650-344-7866
Contact Email:	PTSANMATEO@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	435 E 3RD AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401-3301
Owner Name:	ALLEN SWIFT
Owner Type:	Other
Operator Name:	ALLEN SWIFT - OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PRECISION TUNE AUTO CARE (Continued) **1025868373**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:13:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALLEN SWIFT - OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	435 E 3RD AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-344-7656
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALLEN SWIFT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	435 E 3RD AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-3301
Owner/Operator Telephone:	650-344-7656
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-05-20 00:00:00.0
Handler Name:	PRECISION TUNE AUTO CARE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

PRECISION TUNE AUTO CARE (Continued) **1025868373**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F101 **ACCU-TUNE** **LUST** **S103982441**
WNW **435 E 3RD AVE** **N/A**
< 1/8 **SAN MATEO, CA**
0.099 mi.
523 ft. **Site 7 of 15 in cluster F**

Relative: **Higher**
Actual: **26 ft.**

SAN MATEO CO. LUST:
Name: ACCU-TUNE
Address: 435 E 3RD AVE
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110048
Facility Status: 9- Case Closed
Global ID: T0608100004
APN Number: 034181160
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

I102 **WARDROBE CLEANERS** **DRYCLEANERS** **S108224793**
WSW **335 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.100 mi.
527 ft. **Site 1 of 15 in cluster I**

Relative: **Higher**
Actual: **29 ft.**

DRYCLEANERS:
Name: WARDROBE CLEANERS
Address: 335 E 4TH AVE
City,State,Zip: SAN MATEO, CA 944010000
EPA Id: CAL000012846
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/14/1989
Facility Active: No
Inactive Date: 10/06/2005
Facility Addr2: Not reported
Owner Name: EUI SANG CHEON
Owner Address: 335 E 4TH AVE

WARDROBE CLEANERS (Continued) **S108224793**

Owner Address 2:	Not reported
Owner Telephone:	6503423535
Contact Name:	EUI SANG CHEON OWNER
Contact Address:	335 E 4TH AVE
Contact Address 2:	Not reported
Contact Telephone:	6503423535
Contact Fax:	6503423534
Mailing Name:	Not reported
Mailing Address 1:	335 E 4TH AVE
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944010000
Owner Fax:	6503423534
Region Code:	2
Latitude:	37.564978
Longitude:	-122.321233

Name:	WARDROBE CLEANERS
Address:	335 E 4TH AVE
City,State,Zip:	SAN MATEO, CA 944010000
EPA Id:	CAL000292758
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/04/2005
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	EUI SANG CHEON
Owner Address:	335 E 4TH AVE
Owner Address 2:	Not reported
Owner Telephone:	6503423535
Contact Name:	EUI SANG CHEON
Contact Address:	335 E 4TH AVE
Contact Address 2:	Not reported
Contact Telephone:	6503423535
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	335 E 4TH AVE
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944010000
Owner Fax:	Not reported
Region Code:	2
Latitude:	37.565017
Longitude:	-122.32137

I103 **WARDROBE CLEANERS** **RCRA NonGen / NLR** **1024811002**
WSW **335 E 4TH AVE** **CAL000292758**
< 1/8 **SAN MATEO, CA 94401**
0.100 mi.
527 ft. **Site 2 of 15 in cluster I**

Relative: **Higher**
Actual: **29 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2005-04-04 00:00:00.0
Handler Name:	WARDROBE CLEANERS	
Handler Address:		335 E 4TH AVE
Handler City,State,Zip:		SAN MATEO, CA 94401-0000
EPA ID:		CAL000292758
Contact Name:		EUI SANG CHEON
Contact Address:		335 E 4TH AVE
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		650-342-3535
Contact Fax:		Not reported
Contact Email:		SFCHEON@HOTMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		335 E 4TH AVE
Mailing City,State,Zip:		SAN MATEO, CA 94401-0000
Owner Name:		EUI SANG CHEON
Owner Type:		Other
Operator Name:		EUI SANG CHEON
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

WARDROBE CLEANERS (Continued) **1024811002**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:31:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EUI SANG CHEON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	335 E 4TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-342-3535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EUI SANG CHEON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	335 E 4TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-0000
Owner/Operator Telephone:	650-342-3535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WARDROBE CLEANERS (Continued) **1024811002**

Historic Generators:
Receive Date: 2005-04-04 00:00:00.0
Handler Name: WARDROBE CLEANERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I104 **WARDROBE CLEANERS** **San Mateo Co. BI** **S103172022**
WSW **335 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.100 mi.
527 ft. **Site 3 of 15 in cluster I**

Relative:
Higher

Actual:
29 ft.

San Mateo Co. BI:
Name: WARDROBE CLEANERS
Address: 335 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0024508
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0029238
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: WARDROBE CLEANERS
Address: 335 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0024508
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0029239
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: WARDROBE CLEANERS
Address: 335 4TH

WARDROBE CLEANERS (Continued) **S103172022**

City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0024508
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068788
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: WARDROBE CLEANERS
Address: 335 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0056866
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0078865
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: WARDROBE CLEANERS
Address: 335 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0056866
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0078864
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

I105 **WARDROBE CLEANERS** **LUST** **S106837201**
WSW **335 E 4TH STREET** **EMI** **N/A**
< 1/8 **SAN MATEO, CA 94401** **CERS**
0.100 mi.
527 ft. **Site 4 of 15 in cluster I**

Relative: Higher
Actual: 29 ft.

SAN MATEO CO. LUST:
Name: WARDROBE CLEANERS
Address: 335 E 4TH ST
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 119202
Facility Status: 3B- Preliminary Assessment Underway
Global ID: T10000009149
APN Number: 034178030
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

EMI:
Name: PARK'S WARDROBE CLEANERS
Address: 333 E 4TH STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 1987
County Code: 41
Air Basin: SF
Facility ID: 362

WARDROBE CLEANERS (Continued) **S106837201**

Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	333 E 4TH STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	1997

WARDROBE CLEANERS (Continued) **S106837201**

County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS

WARDROBE CLEANERS (Continued) **S106837201**

Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

WARDROBE CLEANERS (Continued) **S106837201**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.256
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	362
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

WARDROBE CLEANERS (Continued) **S106837201**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARK'S WARDROBE CLEANERS
Address: 335 E 4TH STREET
City,State,Zip: SAN MATEO, CA
Year: 2006
County Code: 41
Air Basin: SF
Facility ID: 362
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .175
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PARK'S WARDROBE CLEANERS
Address: 335 E 4TH STREET
City,State,Zip: SAN MATEO, CA 93401
Year: 2007
County Code: 41
Air Basin: SF
Facility ID: 362
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .219
Reactive Organic Gases Tons/Yr: .1529934
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: WARDROBE CLEANERS
Address: 335 E 4TH STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2008
County Code: 41
Air Basin: SF
Facility ID: 19427
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

WARDROBE CLEANERS (Continued) **S106837201**

Total Organic Hydrocarbon Gases Tons/Yr:	.135
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	19427
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.108
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	19427
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.42799999999999999
Reactive Organic Gases Tons/Yr:	0.20344880000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	PARK'S WARDROBE CLEANERS
Address:	335 E 4TH STREET
City,State,Zip:	SAN MATEO, CA 94401-4008
Site ID:	504160
CERS ID:	110010466753
CERS Description:	US EPA Air Emission Inventory System (EIS)

I106 **WARDROBE CLEANERS** **EDR Hist Cleaner** **1020116993**
WSW **335 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.100 mi.
527 ft. **Site 5 of 15 in cluster I**

Relative: EDR Hist Cleaner
Higher

Actual: **29 ft.**

Year:	Name:	Type:
1998	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1999	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
2000	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
2001	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
2002	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
2003	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs

I107 **WARDROBE CLEANERS** **CPS-SLIC** **S123102564**
WSW **333 AND 335 EAST 4TH AVENUE** **CERS** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.100 mi.
527 ft. **Site 6 of 15 in cluster I**

Relative: CPS-SLIC:
Higher

Actual: **29 ft.**

Name:	WARDROBE CLEANERS
Address:	333 AND 335 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	10/04/2018
Global Id:	T10000009149
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	119202
Latitude:	37.5653759083542
Longitude:	-122.321148163195
Case Type:	Cleanup Program Site
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Gasoline
Site History:	PCE detected in groundwater downgradient of this site at a fuel leak case lead to upgradient investigation of dry cleaning facilities. Facility currently located at 335 E. 4th Avenue, but was located at 333 E 4th Avenue sometime prior to 1995.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	WARDROBE CLEANERS
Address:	333 AND 335 EAST 4TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	443925
CERS ID:	T10000009149
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP

WARDROBE CLEANERS (Continued) **S123102564**

Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292

D108 **SHELL SERVICE STATION** **RCRA-LQG 1006805439**
NNW **611 E THIRD** **FINDS CAR000127050**
< 1/8 **SAN MATEO, CA 94401** **ECHO**
0.101 mi.
532 ft. **Site 29 of 35 in cluster D**

Relative: **Higher**
Actual: **22 ft.**

RCRA-LQG:

Date Form Received by Agency:		2008-03-01 00:00:00.0
Handler Name:	SERVICE STATION - 136032	
Handler Address:		611 E. THIRD AVE
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAR000127050
Contact Name:		DON F WISDOM
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		281-874-2238
Contact Fax:		Not reported
Contact Email:		DON.F.WISDOM@SHELL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2007
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		12700 NORTHBOROUGH DR, 300G04
Mailing City,State,Zip:		HOUSTON, TX 77067
Owner Name:		EQUILON ENTERPRISES LLC
Owner Type:		Private
Operator Name:		EQUILON ENTERPRISES LLC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

SHELL SERVICE STATION (Continued) **1006805439**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2008-10-15 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D018
Waste Description: BENZENE

SHELL SERVICE STATION (Continued) **1006805439**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES L L C
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	713-241-5036
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILON ENTERPRISES LLC
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-08-27 00:00:00.0
Handler Name: SHELL SERVICE STATION	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-01 00:00:00.0
Handler Name: SERVICE STATION - 136032	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

SHELL SERVICE STATION (Continued) **1006805439**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110013307180

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1006805439
Registry ID:	110013307180
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013307180
Name:	SHELL SERVICE STATION
Address:	611 E THIRD
City,State,Zip:	SAN MATEO, CA 94401

D109 **SAINT MATTS SHELL** **HIST UST** **S118415006**
NNW **611 E THIRD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.101 mi.
532 ft. **Site 30 of 35 in cluster D**

Relative: **Higher**
Actual: **22 ft.**

HIST UST:

Name:	SAINT MATTS SHELL
Address:	611 E THIRD AVE
City,State,Zip:	SAN MATEO, CA 94402
File Number:	0002C2CA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C2CA.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

D110 **SHELL STATION** **LUST** **U001596043**
NNW **611 EAST 3RD AVENUE** **HIST UST** **N/A**
< 1/8 **SAN MATEO, CA 94401** **San Mateo Co. Bl**
0.101 mi. **Cortese**
532 ft. **Site 31 of 35 in cluster D** **CERS**

Relative: **Higher**
Actual: **22 ft.**

SAN MATEO CO. LUST:

Name:	SHELL STATION
Address:	611 E 3RD AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110154
Facility Status:	9- Case Closed
Global ID:	T0608129773
APN Number:	034187130
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	SHELL STATION
Address:	611 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608129773

SHELL STATION (Continued) **U001596043**

Global Id:	T0608129773
Latitude:	37.567500165
Longitude:	-122.32002919
Status:	Completed - Case Closed
Status Date:	08/31/2015
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110154
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608129773
Action Type:	RESPONSE
Date:	02/15/2011
Action:	Monitoring Report - Semi-Annually

Global Id:	T0608129773
Action Type:	ENFORCEMENT
Date:	07/06/2009
Action:	Staff Letter - #20090706

Global Id:	T0608129773
Action Type:	ENFORCEMENT
Date:	01/15/2010
Action:	Staff Letter - #20100115

Global Id:	T0608129773
Action Type:	ENFORCEMENT
Date:	04/23/2009
Action:	Staff Letter - #20090423

Global Id:	T0608129773
Action Type:	ENFORCEMENT
Date:	11/26/2014
Action:	Notification - Public Notice of Case Closure - #20141126

Global Id:	T0608129773
Action Type:	ENFORCEMENT
Date:	04/25/2014
Action:	Staff Letter - #20140425

Global Id:	T0608129773
Action Type:	ENFORCEMENT
Date:	10/31/2014
Action:	Notification - Preclosure - #20141031

Global Id:	T0608129773
Action Type:	RESPONSE
Date:	02/15/2012
Action:	Monitoring Report - Semi-Annually

SHELL STATION (Continued) **U001596043**

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 03/02/2011
Action: Staff Letter - #20110302

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 11/02/2011
Action: Staff Letter - #20111102

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/01/2013
Action: Site Assessment Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 04/18/2003
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 12/01/2011
Action: Other Report / Document - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 03/01/2012
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 06/02/2012
Action: Request for Closure - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE

SHELL STATION (Continued) **U001596043**

Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 07/30/2003
Action: Preliminary Site Assessment Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/21/2006
Action: Preliminary Site Assessment Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/30/2009
Action: Soil and Water Investigation Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/30/2009
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/20/2008
Action: Soil and Water Investigation Workplan

SHELL STATION (Continued) **U001596043**

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: RESPONSE
Date: 07/21/2013
Action: Well Installation Workplan - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/02/2014
Action: Well Installation Report - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/05/2015
Action: Well Destruction Report - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 09/30/2014
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/28/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 02/26/2003
Action: Notice of Responsibility - #20030226

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 11/26/2003
Action: Staff Letter - #20031126

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 04/04/2003
Action: Staff Letter - #20030404B

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 04/04/2003
Action: Staff Letter - #20030404A

Global Id: T0608129773
Action Type: ENFORCEMENT

SHELL STATION (Continued) **U001596043**

Date: 11/29/2007
Action: Staff Letter - #20071129B

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 04/27/2006
Action: Staff Letter - #20060427

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 11/29/2007
Action: Staff Letter - #20071129A

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 11/29/2007
Action: Staff Letter - #20071129C

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 07/20/2011
Action: Staff Letter - #20110720

Global Id: T0608129773
Action Type: RESPONSE
Date: 06/16/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2015
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 07/29/2015
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608129773
Action Type: RESPONSE
Date: 06/03/2014
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 03/19/2012
Action: Staff Letter - #20120319

Global Id: T0608129773
Action Type: Other
Date: 02/04/2003
Action: Leak Began

Global Id: T0608129773
Action Type: Other
Date: 02/04/2003
Action: Leak Discovery

SHELL STATION (Continued) **U001596043**

Global Id: T0608129773
Action Type: Other
Date: 02/04/2003
Action: Leak Stopped

Global Id: T0608129773
Action Type: Other
Date: 02/04/2003
Action: Leak Reported

Global Id: T0608129773
Action Type: RESPONSE
Date: 03/26/2004
Action: Preliminary Site Assessment Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/28/2015
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 09/09/2013
Action: Staff Letter - #20130909

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE

SHELL STATION (Continued) **U001596043**

Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 01/30/2009
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 05/25/2010
Action: Pilot Study/ Treatability Report

SHELL STATION (Continued) **U001596043**

Global Id: T0608129773
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: RESPONSE
Date: 11/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: REMEDIATION
Date: 09/06/2002
Action: Excavation

Global Id: T0608129773
Action Type: REMEDIATION
Date: 09/15/2005
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 09/08/2008
Action: Staff Letter - #20080908

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 05/29/2013
Action: Staff Letter - #20130529

Global Id: T0608129773
Action Type: REMEDIATION
Date: 05/25/2004
Action: Free Product Removal

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 10/04/2012
Action: Staff Letter - #20121004

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/31/2011
Action: Pilot Study/ Treatability Report

Global Id: T0608129773
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: RESPONSE

SHELL STATION (Continued) **U001596043**

Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 05/12/2015
Action: Staff Letter - #20150512

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 06/18/2014
Action: Staff Letter - #20140618

Global Id: T0608129773
Action Type: ENFORCEMENT
Date: 01/27/2015
Action: Staff Letter - #20150127

LUST:
Global Id: T0608129773
Status: Open - Case Begin Date
Status Date: 02/04/2003

Global Id: T0608129773
Status: Open - Site Assessment
Status Date: 02/04/2003

Global Id: T0608129773
Status: Open - Site Assessment
Status Date: 05/11/2004

Global Id: T0608129773
Status: Open - Site Assessment
Status Date: 02/17/2011

Global Id: T0608129773
Status: Open - Eligible for Closure
Status Date: 10/31/2014

Global Id: T0608129773
Status: Completed - Case Closed
Status Date: 08/31/2015

HIST UST:
Name: SAINT MATT'S SHELL
Address: 611 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94402
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000028154
Facility Type: Gas Station
Other Type: Not reported
Contact Name: FLORANTE F. LIMCOLIOC
Telephone: 4153483809

SHELL STATION (Continued) **U001596043**

Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0003

Tank Num: 001
Container Num: 2
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 002
Container Num: 3
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 003
Container Num: 1
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

San Mateo Co. BI:
Name: SHELL
Address: 611 3RD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0004963
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022170
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: SHELL
Address: 611 3RD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0004963
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0023148
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: SHELL
Address: 611 3RD

SHELL STATION (Continued) **U001596043**

City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0004963
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0043676
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

CORTESE:

Name:	SHELL STATION
Address:	611 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608129773
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SHELL STATION
Address:	611 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	256601
CERS ID:	T0608129773
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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D111 **THIRD STREET SHELL #166** **UST** **U004262369**
NNW **611 E 3RD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.101 mi.
532 ft. **Site 32 of 35 in cluster D**

Relative:
Higher

Actual:
22 ft.

UST:

Name:	THIRD STREET SHELL #166
Address:	611 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94402
Facility ID:	41-000-004963
Permitting Agency:	San Mateo County Environmental Health
Latitude:	37.56752
Longitude:	-122.320091

D112 **AU ENERGY-THIRD STREET SHELL** **RCRA NonGen / NLR** **1024825309**
NNW **611 E 3RD AVE** **CAL000350793**
< 1/8 **SAN MATEO, CA 94401**
0.101 mi.
532 ft. **Site 33 of 35 in cluster D**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2010-03-11 00:00:00.0
Handler Name:	AU ENERGY-THIRD STREET SHELL
Handler Address:	611 E 3RD AVE
Handler City,State,Zip:	SAN MATEO, CA 94401-3304
EPA ID:	CAL000350793
Contact Name:	JORGE IZEPPI
Contact Address:	41805 ALBRAE ST
Contact City,State,Zip:	FREMONT, CA 94538
Contact Telephone:	510-270-3457
Contact Fax:	510-270-3457
Contact Email:	JORGE@VINTNERSDIST.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	41805 ALBRAE ST
Mailing City,State,Zip:	FREMONT, CA 94538-3120
Owner Name:	AU ENERGY LLC
Owner Type:	Other
Operator Name:	JORGE IZEPPI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

AU ENERGY-THIRD STREET SHELL (Continued) **1024825309**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:32:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AU ENERGY LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41805 ALBRAE ST
Owner/Operator City,State,Zip:	FREMONT, CA 94538-3120
Owner/Operator Telephone:	510-270-3457
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JORGE IZEPPI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41805 ALBRAE ST
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-270-3457
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AU ENERGY-THIRD STREET SHELL (Continued) **1024825309**

Historic Generators:
Receive Date: 2010-03-11 00:00:00.0
Handler Name: AU ENERGY-THIRD STREET SHELL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D113 **THIRD AVENUE SHELL** **EDR Hist Auto** **1020140546**
NNW **611 E 3RD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.101 mi.
532 ft. **Site 34 of 35 in cluster D**

Relative: EDR Hist Auto
Higher

Actual:
22 ft.

Year:	Name:	Type:
1969	SAN MATEO SHELL	Gasoline Service Stations
1970	SAN MATEO SHELL	Gasoline Service Stations
1971	SAN MATEO SHELL	Gasoline Service Stations
1972	SAN MATEO SHELL	Gasoline Service Stations
1973	SAN MATEO SHELL	Gasoline Service Stations
1974	SAN MATEO SHELL	Gasoline Service Stations
1986	ST MATTHEW SHELL	Gasoline Service Stations
1987	ST MATTHEW SHELL	Gasoline Service Stations
1991	THIRD AVENUE SHELL	Gasoline Service Stations
1992	THIRD AVENUE SHELL	Gasoline Service Stations
1993	THIRD AVENUE SHELL	Gasoline Service Stations
1994	THIRD AVENUE SHELL	Gasoline Service Stations
1995	THIRD AVENUE SHELL	Gasoline Service Stations
1996	THIRD AVENUE SHELL	Gasoline Service Stations
1997	THIRD AVENUE SHELL	Gasoline Service Stations

D114 **THIRD STREET SHELL #166** **CERS HAZ WASTE** **S121791570**
NNW **611 E 3RD AVE** **CERS TANKS** **N/A**
< 1/8 **SAN MATEO, CA 94402** **CERS**
0.101 mi.
532 ft. **Site 35 of 35 in cluster D**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	THIRD STREET SHELL #166
Address:	611 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	75451
CERS ID:	10063741
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	THIRD STREET SHELL #166
Address:	611 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	75451
CERS ID:	10063741
CERS Description:	Underground Storage Tank

CERS:

Name:	THIRD STREET SHELL #166
Address:	611 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	75451
CERS ID:	10063741
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-20-2017
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 09/20/2017. 208 sensor for Dispenser 7/8 failed to go into alarm. This sensor was replace (like for like) during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-23-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/16/2015. Only one employee has been HMBP trained this year. Facility is conduct HMBP training no later than 10/22/15 and submit training documentation to County by 10/22/15.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP

THIRD STREET SHELL #166 (Continued) **S121791570**

Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-17-2018
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to perform an annual line integrity test for pressurized double-walled piping that does not utilize fail safe or positive shut down.
Violation Notes:	Returned to compliance on 11/28/2019. Although the facility appears to meet the requirements of paragraph 1, below, the monitoring plan includes the annual 0.1 gph test. The work order from Sept. 5th indicated that parts were ordered for this issue. Provide evidence that the facility has repaired, tested, and or cleared the annual 0.1 line test fail for Q2. Submit evidence of correction to Env. Health within 30 days. Reference: Title 23 2636 (f) (1) All secondary containment, including under-dispenser containment, and under-dispenser spill control or containment systems shall be equipped with a continuous monitoring system that either activates an audible and visual alarm or stops the flow of product at the dispenser when it detects a leak. (2) Automatic line leak detectors shall be installed on underground pressurized piping and shall be capable of detecting a three gallons per hour leak rate at 10 pounds per square inch within one hour with a probability of detection of at least 95 percent and [Truncated]
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	11-28-2018
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 01/02/2019. The power light on the monitoring panel was observed not to be lit. Replace or repair the part and provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-17-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 11/07/2019. Provide the final copies for manifests generated in 2018 and 2019 to Env. Health. These were not available on site. Please send that within 7 days.

THIRD STREET SHELL #166 (Continued) **S121791570**

Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-23-2015
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes:	Returned to compliance on 09/23/2015. Spill buckets 87,91 had debris in them. Diesel spill bucket had Diesel fuel left in it from last delivery. Tech cleaned out all spill buckets during inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-23-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Training - General
Violation Notes:	Returned to compliance on 12/16/2015. Only one employee has been HMBP trained this year. Facility is conduct HMBP training no later than 10/22/15 and submit training documentation to County by 10/22/15.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-09-2020
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 09/09/2020. 1. OBSERVATIONS: 2020: 91 fill sump sensor did not appear to pass on first testing. The sensor float was moved around and re-tested. The alarm was found on the sensor tape. 2019: Fill 91 cleaned, re-tested and passed. STP Diesel - Cleaned, re-tested and passed. 2018: L2 91 fill sensor did not appear to function on the first test. However, the sensor was moved around, and re-tested twice. REQUIRED ACTION: Replace 91 Fill sump sensor, considering it is not functioning in the proper expected way on the last 3 annual tests. If you troubleshoot and re-test it, provide the report of testing to Env. Health. more. Each time it appeared to function normally. Corrected on site. To avoid possible violations in the future, consider replacing the 91 fill sensor that does not appear to function properly on each annual test, initially. The sensors should be working properly at all times. 2. OBSERVATION: 87 STP sump sensor did not function properly or register an alarm on [Truncated]
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST

THIRD STREET SHELL #166 (Continued) **S121791570**

Violation Source: CERS

Site ID: 75451
Site Name: Third Street Shell #166
Violation Date: 09-20-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 11/06/2017. Two manifests, with ID numbers below, did not have a matching designated facility signed copy on site. 012296219JJK from 8/18/17. 005370737SKS from 6/28/16. Keep a copy of this TSDF signed copy on site and provide a copy to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 75451
Site Name: Third Street Shell #166
Violation Date: 09-17-2018
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 75451
Site Name: Third Street Shell #166
Violation Date: 09-17-2019
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 09/17/2019. 2019: STP Diesel - Cleaned, re-tested and passed. Fill 91 Cleaned, re-tested and passed. 2018: L2 91 fill sensor did not appear to function on the first test. However, the sensor was moved around, and re-tested twice more. Each time it appeared to function normally. Corrected on site. To avoid possible violations in the future, consider replacing sensors that do not function properly upon first testing.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 75451
Site Name: Third Street Shell #166
Violation Date: 09-23-2015
Citation: 40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description: Failure of the facility to test and maintain all communications or

THIRD STREET SHELL #166 (Continued) **S121791570**

	alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 12/16/2015. Eye wash station in back office area next to sink blocked and unusable. Monthly inspections not conducted. Eye wash station must be kept clear at all times and inspected monthly. Monthly inspection log must be maintained and available for inspection. Facility is to start monthly inspections and submit documentation to County no later than 10/22/15
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-20-2017
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have a UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 10/18/2017. The monitoring plan indicates the annular sensor for the 87 regular tank is a 303. This was found to be a 302 today. Submit corrected page on CERS within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-17-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 11/07/2019. Training was last recorded in 2017. Submit evidence of completion of HMBP training with all employees to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-20-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/20/2017. The container of waste gasoline and absorbent was labeled as non-hazardous waste. Either label the waste as hazardous or provide an explanation as to why this waste is non-hazardous. This was corrected on site. Site operator put a hazardous waste label on the partially full containers.
Violation Division:	San Mateo County Environmental Health

THIRD STREET SHELL #166 (Continued) **S121791570**

Violation Program:	HW
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-21-2016
Citation:	HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes:	Returned to compliance on 09/21/2016. On arrival the sumps for 91 and diesel contained liquid. This was cleaned out by technician. The sump sensor was not in alarm. Sensors were tested and passed. Last inspection indicated that fluid/debris was found in spill bucket and fill sump. Continue to address this issue. Note: A pressure washer visits the site once a month to clean the lot. This was corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-20-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 09/20/2017. During a pre-test that the technician completed prior to the actual monitoring certification testing, the LLD for Premium failed. A siphon was replaced due to a piece of plastic being stuck inside of it according to the technician. This passed after a re-test.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-23-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description:	Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and

THIRD STREET SHELL #166 (Continued) **S121791570**

	pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes:	Returned to compliance on 12/16/2015. Eye wash station in back office area next to sink blocked and unusable. Monthly inspections not conducted. Eye wash station must be kept clear at all times and inspected monthly. Monthly inspection log must be maintained and available for inspection. Facility is to start monthly inspections and submit documentation to County no later than 10/22/15
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-23-2015
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 09/23/2015. Diesel fill sump has small amount of liquid in it approx 1/4 to 1/2 inch. clean out with rag by tech.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-20-2017
Citation:	23 CCR 16 2632, 2634, 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records (e.g., alarm logs) and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 11/06/2017. There was no record for an alarm on L5 91 annular (high liquid) which occurred on 9/2/17. Per the description of the operator, no one called the contractor and the alarm self-cleared. Provide an alarm log to document how every alarm has been addressed. Provide evidence of correction by documenting this alarm on the alarm log. Submit it to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	75451
Site Name:	Third Street Shell #166
Violation Date:	09-17-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of

THIRD STREET SHELL #166 (Continued) **S121791570**

capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 10/23/2019. The overfill protection equipment testing is scheduled to be completed on October 2nd. No testing or report has been submitted to Env. Health. Submit evidence of completion to Env. Health within 30 days. Please Note: An NOV letter will be issued to the site requesting completion by December (as specified the letter). If the passing results are not provided to Env. Health by that date, the facility tanks will be red-tagged.
Violation Division: San Mateo County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 75451
Site Name: Third Street Shell #166
Violation Date: 09-20-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 11/06/2017. It is not clear from the training record that HMBP training is covered in the annual UST training. Provide a record or response showing evidence that HMBP training has been completed. A example form was provided to Yeni today for the purpose of documenting HMBP training. Provide this to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility UST Finacial resp. and other forms accepted with significant comments.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown

THIRD STREET SHELL #166 (Continued) **S121791570**

Eval Date: 04-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-10-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted COFR update.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-25-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-14-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Sent detailed email requesting an update to UST submission.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency

THIRD STREET SHELL #166 (Continued) **S121791570**

Eval Notes:	Reviewed two updated UST submissions. No errors found on UST review spreadsheet. Corrections accepted and new forms accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-17-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-02-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted updates to HMBP. Waiting for monitoring cert. for UST review.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-08-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted UST pages. Used excel sheet to check for errors.
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-09-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	CERS 2020 submission found in the binder. Rajinder Goyal was on site

THIRD STREET SHELL #166 (Continued) **S121791570**

along with another person from management today. Jesse Rodriguez - Technician (ICC cert # 8024952). Q1 87: 0.2 gal/hr 8/31/20 pass, 0.1 gal/hr 4/9/20. Q2 91: 0.2 gal/hr 8/31/20 pass, 0.1 gal/hr 3/16/20 pass (last fail 9/11/18-8/26/18). Q3 diesel: 0.2 gal/hr 8/31/20 pass, 0.1 gal/hr 8/7/20 pass. CERS SUBMISSION DATA: CERS ID 10063741 10063741 10063741 Facility Name Third Street Shell #166 Third Street Shell #166 Third Street Shell #166 Tank ID # 1 REGULAR 2 PREMIUM 3 DIESEL CERS TankID 10063741-001 10063741-002 10063741-003 Tank XERXES XERXES XERXES Manufacturer Config A Stand-alone Tank A Stand-alone Tank A Stand-alone Tank Tank Cap 20000 12000 10000 Install Date 09/01/2002 09/01/2002 09/01/2002 type Double Wall Double Wall Double Wall Tank Primary Fiberglass Fiberglass Fiberglass Tank Seconday Fiberglass Fiberglass Fiberglass Ball Float Yes Yes Yes Fill Tube [Truncated]

Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The Q2 annual line test failed 8/26/18. A work order from 9/5/18 was available for review. It is not clear that this issue has been resolved. Each piing sump had what appeared to be condensation or less than an inch of water in the bottom of the sump. The diesel sump had liquid at 1-2 inches on one side, however, this did not set off the sensor. The technician reported he would clean out all of the liquid during the inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Continue to update HMBP with any significant changes as they occur, within 30 days.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Last UST inspection 9/17/19.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Please keep all manifest records on site. Solid waste contaminated with gasoline and liquid waste contaminated with gasoline are stored

THIRD STREET SHELL #166 (Continued) **S121791570**

	on site in 55 gallon drums and 5 gal buckets.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-20-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-20-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility lists the following wastes: Wastes absorbent Gas/water mixture Fuel filters
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-20-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The last HMBP submission was 7/10/17. Changes were made to the training plan with no other changes reported. The prior full submission was 9/2016.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-21-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Secondary Containment Testing completed 3/3/15. - Q3 and Q2 PDDL shutdown alarms were not listed on the DO report for alarm history. Upon verification, it appeared this was due to low fuel level. Q3: 7/28/16, 1/15/16, 10/22/15, 10/15/15, 10/6/15, Q2: 7/31/16, 6/12/16, 5/15/16, 4/5/16, 1/15/16 Q1 1/15/16, 12/31/15, 12/8/15, 10/10/15 L12: Dispenser pan 5-6 1/15/16 L7: STP 87 sump 10/10/15
Eval Division:	San Mateo County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-23-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

THIRD STREET SHELL #166 (Continued) **S121791570**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-26-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Finished the plan review on CERS.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-26-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Finished the UST plan check on CERS.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2014
Violations Found: No

THIRD STREET SHELL #166 (Continued) **S121791570**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-08-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and filed submittedAMC and SB tests.
Eval Division: San Mateo County Environmental Health

THIRD STREET SHELL #166 (Continued) **S121791570**

Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Several submissions. Last submission had all corrections.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Updated HMBP submitted, accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-07-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and filed a copy of the overfill testing report. Calculations and tank charts reviewed.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-28-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: The most recent 0.1 gph annual line tests for Q1, Q2, and Q3 have passed. Q2 had failing results on 5 occasions in August and Sept.
Eval Division: San Mateo County Environmental Health
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 75451
Site Name: Third Street Shell #166
Site Address: 611 E 3RD AVE
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 12-10-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: 3/7/16 spoke to Sunny, John sent compliance docs in December, resending to me.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 75451

THIRD STREET SHELL #166 (Continued) **S121791570**

Site Name:	Third Street Shell #166
Site Address:	611 E 3RD AVE
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	12-10-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	3/7/16 spoke to Sunny, John sent compliance docs in December, resending to me.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Document Preparer
Entity Name:	Stantec Consulting Services Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94538
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	AU Energy, LLC
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-9150

Affiliation Type Desc:	Parent Corporation
Entity Name:	AU Energy LLC
Entity Title:	Not reported

THIRD STREET SHELL #166 (Continued) **S121791570**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	AU Energy, LLC
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-9150
Affiliation Type Desc:	UST Tank Operator
Entity Name:	AU Energy, LLC
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-9150
Affiliation Type Desc:	Environmental Contact
Entity Name:	Sunny Goyal
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94538
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	AU Energy, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(510) 657-9150
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Sunny Goyal
Entity Title:	Project Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(510) 657-9150

THIRD STREET SHELL #166 (Continued) **S121791570**

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	AU Energy, LLC
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-9150

Affiliation Type Desc:	Identification Signer
Entity Name:	Sunny Goyal
Entity Title:	Project Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Tank Owner
Entity Name:	AU Energy, LLC
Entity Title:	Not reported
Affiliation Address:	41805 Albrae Street
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 657-9150

H115 **WARDROBE CLEANERS** **ENVIROSTOR** **S118756936**
SW **344 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.103 mi.
543 ft. **Site 2 of 7 in cluster H**

Relative:
Higher

Actual:
29 ft.

ENVIROSTOR:

Name:	WARDROBE CLEANERS
Address:	344 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	41720094
Status:	No Action Required
Status Date:	09/15/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.03
NPL:	NO
Regulatory Agencies:	SAN MATEO COUNTY
Lead Agency:	SAN MATEO COUNTY
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO

WARDROBE CLEANERS (Continued) **S118756936**

Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.5649
Longitude: -122.3213
APN: NONE SPECIFIED
Past Use: DRY CLEANING, MACHINE SHOP, VEHICLE MAINTENANCE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: 31000-NO
Potential Description: OTH, SOIL
Alias Name: T10000009149
Alias Type: GeoTracker Global ID
Alias Name: 41720094
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/15/1980
Comments: FACILITY IDENTIFIED ACTIVE SITE ID'D BY DRIVE BY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/15/2003
Comments: Preliminary endangerment assessment recommended. Further investigation concluded no action required (see No Action Determination Memorandum).

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

J116 **AUTOTECH MOTOR SERVICE** **RCRA NonGen / NLR** **1024788372**
SSE **601 S CLAREMONT** **CAL000045411**
< 1/8 **SAN MATEO, CA 94402**
0.103 mi.
545 ft. **Site 1 of 15 in cluster J**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 1991-06-25 00:00:00.0
Handler Name: AUTOTECH MOTOR SERVICE
Handler Address: 601 S CLAREMONT
Handler City,State,Zip: SAN MATEO, CA 94402-0000
EPA ID: CAL000045411
Contact Name: SAMI HADDAD/OWNER
Contact Address: 601 S CLAREMONT ST
Contact City,State,Zip: SAN MATEO, CA 94402
Contact Telephone: 650-343-6833
Contact Fax: 000-000-0000
Contact Email: BANDAR@AOL.COM
Contact Title: Not reported

AUTOTECH MOTOR SERVICE (Continued) **1024788372**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	601 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-0000
Owner Name:	SAMI R HADDAD
Owner Type:	Other
Operator Name:	SAMI HADDAD/OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

AUTOTECH MOTOR SERVICE (Continued) **1024788372**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:41:35.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMI R HADDAD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402-0000
Owner/Operator Telephone:	650-343-6833
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMI HADDAD/OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-343-6833
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1991-06-25 00:00:00.0
Handler Name:	AUTOTECH MOTOR SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299

AUTOTECH MOTOR SERVICE (Continued) **1024788372**

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J117 **AUTO TECH MOTOR SERVICES** **FINDS** **1023335190**
SSE **601 S CLAREMONT ST** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.103 mi.
545 ft. **Site 2 of 15 in cluster J**

Relative:
Higher

Actual:
22 ft.

FINDS:
Registry ID: 110066302067

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

San Mateo Co. BI:
Name: AUTO TECH MOTOR SERVICES
Address: 601 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0010371
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010776
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AUTO TECH MOTOR SERVICES
Address: 601 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0010371
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003423
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: AUTO TECH MOTOR SERVICES
Address: 601 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0010371
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0064932
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable

AUTO TECH MOTOR SERVICES (Continued) **1023335190**

Program Category: STORMWATER

J118 **AUTO TECH MOTOR SERVICES** **CERS HAZ WASTE** **S123532257**
SSE **601 S CLAREMONT ST** **CERS** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.103 mi.
545 ft. **Site 3 of 15 in cluster J**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: AUTO TECH MOTOR SERVICES
Address: 601 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Site ID: 519584
CERS ID: 10064416
CERS Description: Hazardous Waste Generator

CERS:
Name: AUTO TECH MOTOR SERVICES
Address: 601 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Site ID: 519584
CERS ID: 10064416
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 519584
Site Name: AUTO TECH MOTOR SERVICES
Violation Date: 02-04-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/18/2021. OBSERVED: A few minor items appeared to be missing from the map today including the spill kit and first aid kit. REQUIRED ACTION: Update map and re-submit by the comply by date. Map draft completed today.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 519584
Site Name: AUTO TECH MOTOR SERVICES
Violation Date: 01-13-2014
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Returned to compliance on 01/15/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 519584
Site Name: AUTO TECH MOTOR SERVICES
Violation Date: 06-11-2018
Citation: 40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description: Failure to test and maintain as necessary all facility communications

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

	or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 06/13/2018. Fire extinguishers last serviced May 26, 2017. Have them certified annually. Provide evidence of correction to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	02-04-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/24/2021. OBSERVED: No training records for HMBP were provided today. REQUIRED ACTION: At a minimum, you must review the contents of the HMBP with your employees, particularly the chemical hazard and emergency response portions. This training must be documented and the documentation kept for three years. Submit evidence of completion to Env. Health by the comply by date. Template: https://www.smchealth.org/sites/main/files/file-attachments/employee_training_documentation.pdf
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-11-2018
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	Returned to compliance on 07/16/2018. The secondary containment around the used oil drums is filling with used oil (several inches). Also there are filters in this containment. Clean up this hazardous waste and inspect the area weekly for leaks and container condition. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-11-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/13/2018. No property owner notification record on file today. Submit this to the property owner. Provide a

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

	copy to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-13-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 06/13/2016. The waste antifreeze drum and waste oil filter drum are missing their lids/caps. Send a picture of the closed containers to the Env. Health office.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-13-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/13/2016. Complete training program in online submission. Completed on site. This issue is closed.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-11-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 06/13/2018. The following containers were open: - One 55 gallon drum of used oil (corrected during the inspection). - 2 openings on the waste antifreeze drum. - Both used oil filter drums (paper filter drum was closed during the inspection). - The secondary containment around the used oil drums had several inches of used oil and also several used oil filters in it. Have this pumped out the filters remove. Inspect it weekly to check for leaks.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-11-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/27/2018. A label is provided for the each hazardous waste, however, it is on the wall for the waste antifreeze drum and used oil. Please note that the label must be provided on each container. Submit evidence of correction to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-11-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/13/2018. No training record available during the inspection. Submit a completed training record to Env. Health (for the last year) by the comply by date. (2016 record later found in the file).
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-11-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 07/13/2018. Used metal filters were not kept closed. Provide a proper lid for this drum. Filters were dated 2/2016. Ensure that they are picked up once every 365 days. Submit evidence of correction by providing a copy of the manifest to Env. Health within 30 days. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	01-13-2014

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 01/15/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-13-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/13/2016. Mark waste coolant/antifreeze drum with a completed hazardous waste label.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519584
Site Name:	AUTO TECH MOTOR SERVICES
Violation Date:	06-13-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/20/2016. Form provided for annual training. Send a copy of this record to the Env. Health office.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-13-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-13-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-04-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On-site inspection with modified procedures. Last submitted: 3/20/20 Copy of plan on site: Old plan on site. Print and file the copy you have online. Activities: No changes noted. Owner Operator Page: Verify the phone numbers for the next submission. Note: Property owner notification: Sent 6/12/18 to Karen Johan / Yohan. - Notify property owner if there is a new property owner. Inventory notes here: Update maximum for oil/ATF and antifreeze. These were noted to be too high today. Contingency plan no issue. Training Plan: no issue. Training Record: Record it and send a copy of the training record to Env. Health. Map: Add first aid kit and spill kit. resubmit.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-30-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-23-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-03-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-02-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-11-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Facility is no longer doing recycling activities with antifreeze.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HWRecycler
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-11-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-11-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	We discussed the procedure for properly draining oil bottles and aerosol cans during the inspection. 55 gal w/c every 3-6 months About 330 gallons every 4 months - about 1000 gallons per year About 1 drum of each paper and metal filters per year.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-13-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HWRecycler
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This facility recycles waste coolant, but is below the recycler reporting threshold. This report should have been submitted along with the other facility inspections.
Eval Division: San Mateo County Environmental Health
Eval Program: HWRecycler
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All violations corrected. Used oil and waste antifreeze Labeling completed on site. Used paper filters labeling was correct. Metal filters labeling was correct. Secondary containment cleaning completed. Place completed hazardous waste labels on used oil drums (5 remaining) when you begin filling them.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 519584
Site Name: AUTO TECH MOTOR SERVICES
Site Address: 601 S CLAREMONT ST
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 01-13-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Site ID: 519584
Site Name: AUTO TECH MOTOR SERVICES
Site Address: 601 S CLAREMONT ST
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 08-01-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV delivered Aug 7, 2018. 8/20/18: violations still open.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 519584
Site Name: AUTO TECH MOTOR SERVICES
Site Address: 601 S CLAREMONT ST
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 08-01-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: NOV delivered Aug 7, 2018. 8/20/18: violations still open.
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 519584
Facility Name: AUTO TECH MOTOR SERVICES
Env Int Type Code: HMBP
Program ID: 10064416
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.564557
Longitude: -122.318497

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: SAMI HADDAD
Entity Title: Not reported
Affiliation Address: 601 S. Claremont St.
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 601 S CLAREMONT ST
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Affiliation Type Desc:	Operator
Entity Name:	SAMI HADDAD
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 343-6833

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Document Preparer
Entity Name:	Sami Haddad
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	SAMI HADDAD
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	HADDAD, SAMI
Entity Title:	Not reported
Affiliation Address:	601 CLAREMONT
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 343-6833

Affiliation Type Desc:	Parent Corporation
Entity Name:	AUTO TECH MOTOR SERVICES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

AUTO TECH MOTOR SERVICES (Continued) **S123532257**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

G119 **UNION OIL SS#4178** **LUST** **U001596048**
NNW **615 E 3RD AVE** **HIST UST** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.104 mi.
550 ft. **Site 3 of 12 in cluster G**

Relative:
Lower

Actual:
21 ft.

SAN MATEO CO. LUST:
Name: TOSCO #4178 (FORMER)
Address: 615 E 3RD AVE
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110123
Facility Status: 5C- Pollution Characterization
Global ID: T0608101115
APN Number: 034187050
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

HIST UST:
Name: UNION OIL SS#4178
Address: 615 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94402
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000004581
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SHIGEAKI SHINODA
Telephone: 4153489908
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0002

Tank Num: 001
Container Num: 4178-1-1
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 4178-2-1
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, 10

G120 **TAKS UNION SERVICE** **EDR Hist Auto** **1020592771**
NNW **615 E THIRD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.104 mi.
550 ft. **Site 4 of 12 in cluster G**

Relative: EDR Hist Auto
Lower

Actual:
21 ft.

Year:	Name:	Type:
1969	TAKS UNION SERVICE	Gasoline Service Stations
1971	TAKS UNION SERVICE	Gasoline Service Stations
1972	TAKS UNION SERVICE	Gasoline Service Stations
1973	TAKS UNION SERVICE	Gasoline Service Stations
1974	TAKS UNION SERVICE	Gasoline Service Stations
1975	TAKS UNION SERVICE	Gasoline Service Stations
1976	TAKS UNION SERVICE	Gasoline Service Stations
1977	TAKS UNION SERVICE	Gasoline Service Stations
1978	TAKS UNION SERVICE	Gasoline Service Stations
1979	TAKS UNION SERVICE	Gasoline Service Stations
1980	TAKS UNION SERVICE	Gasoline Service Stations
1982	TAKS UNION SERVICE	Gasoline Service Stations
1983	TAKS UNION SERVICE	Gasoline Service Stations
1986	UNION 76	General Automotive Repair Shops
1987	UNION 76	General Automotive Repair Shops
1994	SHIGS UNION SELF SERVICE	Gasoline Service Stations
1995	SHIGS UNION SELF SERVICE	Gasoline Service Stations
1996	SHIGS UNION SELF SERVICE	Gasoline Service Stations

G121 **TOSCO #4178** **UST** **U004333218**
NNW **615 EAST THIRD AVENUE** **N/A**
< 1/8 **SAN MATEO, CA**
0.104 mi.
550 ft. **Site 5 of 12 in cluster G**

Relative: UST CLOSURE:
Lower

Actual:
21 ft.

Name:	TOSCO #4178
Address:	615 EAST THIRD AVENUE
City,State,Zip:	SAN MATEO, CA
Claim Number:	Case No. 110123
Type:	UST Case Closure Proposed For Consideration by the Executive Director
Deadline Date:	2021/022/12
Documents:	615 East Third Avenue, San Mateo, San Mateo CountyNotice, 615 East Third Avenue, San Mateo, San Mateo CountyDraft Order, 615 East Third Avenue, San Mateo, San Mateo CountySummary
Comments:	Not reported
Comments URL:	Not reported
Response:	Not reported
Response URL:	Not reported
Comments2:	Not reported
Comments2 URL:	Not reported
Response2:	Not reported
Response2 URL:	Not reported
Closure:	Not reported
Closure URL:	Not reported
Uniform:	Not reported
Uniform URL:	Not reported

G122 **BANGKOK PATIO BAR AND RESTAURANT** **San Mateo Co. BI** **S123183000**
NNW **615 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.104 mi.
550 ft. **Site 6 of 12 in cluster G**

Relative: San Mateo Co. BI:
Lower

Actual: Name:	BANGKOK PATIO BAR AND RESTAURANT
21 ft. Address:	615 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050264
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069630
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

G123 **UNION OIL SS 4178** **HIST UST** **S118416494**
NNW **615 EAST THIRD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.104 mi.
550 ft. **Site 7 of 12 in cluster G**

Relative: HIST UST:
Lower

Actual: Name:	UNION OIL SS 4178
21 ft. Address:	615 EAST THIRD AVE
City,State,Zip:	SAN MATEO, CA 94402
File Number:	0002C415
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C415.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

UNION OIL SS 4178 (Continued) **S118416494**

Click here for Geo Tracker PDF:

G124 **LITTLE CAESARS** **San Mateo Co. BI** **S123182464**
NNW **615 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.104 mi.
550 ft. **Site 8 of 12 in cluster G**

Relative: San Mateo Co. BI:
Lower
Actual: Name: LITTLE CAESARS
21 ft. Address: 615 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0044924
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0071173
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

G125 **UNION OIL SS# 4178** **HIST UST** **1000167233**
NNW **615 E 3RD AVE** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.104 mi.
550 ft. **Site 9 of 12 in cluster G**

Relative: HIST UST:
Lower
Actual: Name: UNION OIL SS# 4178
21 ft. Address: 615 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94402
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000060796
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SHIGEAKI SHINODA
Telephone: 4153489908
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST., SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111
Total Tanks: 0001

Tank Num: 001
Container Num: 4178-10-1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

G126 **TOSCO #4178** **LUST** **S103893882**
NNW **615 3RD** **San Mateo Co. BI** **N/A**
< 1/8 **SAN MATEO, CA 94402** **HIST CORTESE**
0.104 mi.
550 ft. **Site 10 of 12 in cluster G**

Relative:
Lower

Actual:
21 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Remedial action (cleanup) Underway
Case Number:	110123
How Discovered:	Tank Closure
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	11/1/2000
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	TOSCO #30613
Address:	615 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016952
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003327
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	TOSCO #30613
Address:	615 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016952
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022147
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	TOSCO #30613
Address:	615 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016952
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024093
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

HIST CORTESE:

TOSCO #4178 (Continued) **S103893882**

edr_fname: TOSCO
edr_fadd1: 615 3RD
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1221

G127 **BANGKOK PATIO** **San Mateo Co. BI** **S123183509**
NNW **615 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.104 mi.
550 ft. **Site 11 of 12 in cluster G**

Relative: San Mateo Co. BI:
Lower
Name: BANGKOK PATIO
Actual: Address: 615 3RD
21 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0054371
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0075026
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

G128 **TOSCO #4178** **LUST** **S113013896**
NNW **615 EAST 3RD AVENUE** **Cortese** **N/A**
< 1/8 **SAN MATEO, CA 94402** **HAZNET**
0.104 mi. **HWTS**
550 ft. **Site 12 of 12 in cluster G**

Relative: LUST:
Lower
Name: TOSCO #4178
Actual: Address: 615 EAST 3RD AVENUE
21 ft. City,State,Zip: SAN MATEO, CA 94402
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608101115
Global Id: T0608101115
Latitude: 37.5676789296147
Longitude: -122.31964096427
Status: Open - Verification Monitoring
Status Date: 10/19/2011
Case Worker: DGM
RB Case Number: 41-1221
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: 110123
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

TOSCO #4178 (Continued) **S113013896**

LUST:
Global Id: T0608101115
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS SUITE 100
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608101115
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 12/31/2019
Action: Well Destruction Report

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 05/04/2006
Action: Staff Letter - #20060504

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/03/2004
Action: Staff Letter - #20040303

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/09/2002
Action: Staff Letter - #20021009

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 09/08/2005
Action: Staff Letter - #20050908

Global Id: T0608101115

TOSCO #4178 (Continued) **S113013896**

Action Type: ENFORCEMENT
Date: 05/24/2004
Action: Staff Letter - #20040524

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/16/2002
Action: Staff Letter - #20021216

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/11/2003
Action: Staff Letter - #20030211

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/01/2003
Action: Technical Correspondence / Assistance / Other - #20030401

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 08/19/2002
Action: Staff Letter - #20020819

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/23/2005
Action: Staff Letter - #20050323

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 11/01/2005
Action: Staff Letter - #20051101

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 05/06/2002
Action: Staff Letter - #20020506

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/22/2002
Action: Staff Letter - #20020722

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/25/2009
Action: Technical Correspondence / Assistance / Other - #20090325

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/04/2004
Action: Staff Letter - #20040304

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 09/11/2003

TOSCO #4178 (Continued) **S113013896**

Action: Staff Letter - #20030911

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 09/16/2004
Action: Staff Letter - #20040916

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/28/2009
Action: Staff Letter - #20090428

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 11/25/2002
Action: Staff Letter - #20021125B

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/13/2002
Action: Staff Letter - #20021213

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 01/04/2010
Action: Staff Letter - #20100104

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/09/2004
Action: Staff Letter - #20040209

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/18/2002
Action: Staff Letter - #20021218

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/12/2005
Action: Technical Correspondence / Assistance / Other - #20051012

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/16/2006
Action: Staff Letter - #20060216

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 09/25/2002
Action: Staff Letter - #20020925

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 01/16/2008
Action: Staff Letter - #20080116

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/13/2002
Action: Staff Letter - #20020213

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 11/25/2002
Action: Staff Letter - #20021125A

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 11/19/2002
Action: Technical Correspondence / Assistance / Other - #20021119

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/09/2015
Action: Email Correspondence - #20150709

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/16/2014
Action: Technical Correspondence / Assistance / Other - #20140716

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/13/2015
Action: Email Correspondence - #20150713

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/14/2014
Action: Technical Correspondence / Assistance / Other - #20141014

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/26/2014
Action: Technical Correspondence / Assistance / Other - #20140326

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2019
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 06/18/2014
Action: Technical Correspondence / Assistance / Other - #20140618

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/29/2014
Action: Staff Letter - #20141029

Global Id: T0608101115
Action Type: ENFORCEMENT

TOSCO #4178 (Continued) **S113013896**

Date: 07/16/2015
Action: Technical Correspondence / Assistance / Other - #20150716

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 06/09/2014
Action: Technical Correspondence / Assistance / Other - #20140609

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/12/2014
Action: Notice of Violation - #20140212

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 11/24/2014
Action: Notice to Comply - #20141124

Global Id: T0608101115
Action Type: RESPONSE
Date: 07/13/2019
Action: Correspondence

Global Id: T0608101115
Action Type: RESPONSE
Date: 10/14/2020
Action: Correspondence

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/23/2018
Action: Correspondence

Global Id: T0608101115
Action Type: RESPONSE
Date: 10/31/2019
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 03/31/2021
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/30/2010
Action: Staff Letter - #20101230

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/13/2010
Action: Staff Letter - #20101013

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/07/2015
Action: Staff Letter - #20150407

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/02/2015
Action: Email Correspondence - #20150702

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/25/2014
Action: Verbal Enforcement

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/16/2015
Action: Site Visit / Inspection / Sampling - #20150716

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 08/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 07/10/2019
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/18/2011
Action: Staff Letter - #20110418

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/19/2011
Action: Staff Letter - #20111019

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE

TOSCO #4178 (Continued) **S113013896**

Date: 06/06/2003
Action: CAP/RAP - Other Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2007
Action: Electronic Reporting Submittal Due

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/14/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/16/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/15/2014
Action: Monitoring Report - Other

Global Id: T0608101115
Action Type: RESPONSE
Date: 08/15/2014
Action: Monitoring Report - Other

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2015
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 12/13/2013
Action: Request for Closure - Regulator Responded

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/24/2011
Action: Technical Correspondence / Assistance / Other

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/15/2011
Action: Staff Letter - #20110315

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/27/2003
Action: Site Visit / Inspection / Sampling - #20030227

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/28/2016
Action: Staff Letter - #20160328

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/05/2017
Action: Email Correspondence - #20170405

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/23/2018
Action: Staff Letter - #20180423

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 08/28/2018
Action: Staff Letter - #20180828

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/24/2020
Action: Staff Letter - #20200324

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 08/30/2019
Action: Staff Letter - #20190830

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 11/01/2018
Action: Email Correspondence - #20181101

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/04/2019
Action: Email Correspondence - #20190404

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 09/14/2020
Action: Staff Letter - #20200914

Global Id: T0608101115
Action Type: ENFORCEMENT

TOSCO #4178 (Continued) **S113013896**

Date: 06/13/2019
Action: Staff Letter - #20190613

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/07/2020
Action: Staff Letter - #20200707

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/09/2019
Action: Email Correspondence - #20190709

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 09/08/2020
Action: Staff Letter - #20200908

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 06/17/2019
Action: Staff Letter - #20190617

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/20/2020
Action: Email Correspondence - #20200720

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/20/2020
Action: Email Correspondence - #20200720

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 03/15/2015
Action: Monitoring Report - Other

Global Id: T0608101115
Action Type: RESPONSE
Date: 04/08/2015
Action: Correspondence

Global Id: T0608101115
Action Type: RESPONSE
Date: 10/31/2020
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 07/09/2015
Action: Other Workplan - Regulator Responded

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Action Type: RESPONSE
Date: 07/10/2018
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/11/1998
Action: Notice of Responsibility - #19981211

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/06/2003
Action: Staff Letter - #20030206

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/10/2001
Action: Staff Letter - #20011210

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/26/2019
Action: Email Correspondence - #20190326

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 12/09/2020
Action: Notification - Public Notice of Case Closure

Global Id: T0608101115
Action Type: Other
Date: 10/29/1998
Action: Leak Discovery

Global Id: T0608101115
Action Type: Other
Date: 11/10/1998
Action: Leak Reported

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2014
Action: Other Report / Document

Global Id: T0608101115
Action Type: RESPONSE
Date: 06/08/2015
Action: Correspondence

Global Id: T0608101115
Action Type: RESPONSE
Date: 08/28/2020
Action: Correspondence - Regulator Responded

Global Id: T0608101115
Action Type: RESPONSE

TOSCO #4178 (Continued) **S113013896**

Date: 03/31/2019
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608101115
Action Type: RESPONSE
Date: 09/02/2020
Action: Request for Closure - Regulator Responded

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/15/2007
Action: Technical Correspondence / Assistance / Other - #20070215

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 04/18/2012
Action: Staff Letter - #20120418

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/17/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/04/2009
Action: Soil and Water Investigation Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/21/2008
Action: Pilot Study / Treatability Workplan

Global Id: T0608101115
Action Type: RESPONSE
Date: 12/17/2002
Action: Risk Assessment Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 04/05/2002
Action: Pilot Study/ Treatability Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Annually

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Action Type: RESPONSE
Date: 07/01/2002
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 12/19/2002
Action: Interim Remedial Action Plan

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/30/2008
Action: Soil and Water Investigation Workplan

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 09/06/2002
Action: Well Installation Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/25/2003
Action: Risk Assessment Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 11/22/2002
Action: Risk Assessment Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 04/05/2002
Action: Other Report / Document

Global Id: T0608101115
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Other

Global Id: T0608101115
Action Type: RESPONSE
Date: 06/30/2010
Action: Soil and Water Investigation Workplan

Global Id: T0608101115
Action Type: RESPONSE

TOSCO #4178 (Continued) **S113013896**

Date: 12/20/2002
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 04/09/2015
Action: NPDES / WDR Reports

Global Id: T0608101115
Action Type: RESPONSE
Date: 06/15/2015
Action: Monitoring Report - Other

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2021
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 09/23/2020
Action: Email Correspondence

Global Id: T0608101115
Action Type: RESPONSE
Date: 07/05/2017
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: REMEDIATION
Date: 11/18/1998
Action: Excavation

Global Id: T0608101115
Action Type: REMEDIATION
Date: 03/26/2003
Action: Excavation

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 10/08/2008
Action: Staff Letter - #20081008

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/28/2013
Action: Technical Correspondence / Assistance / Other - #20130328

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2017
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: REMEDIATION
Date: 07/30/2001
Action: In Situ Physical/Chemical Treatment (other than SVE)

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 03/28/2013
Action: Staff Letter - #20130328

Global Id: T0608101115
Action Type: RESPONSE
Date: 06/22/2011
Action: Site Assessment Report

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2018
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 05/15/2020
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: RESPONSE
Date: 02/15/2016
Action: Monitoring Report - Annually

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: Staff Letter - #20090727

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 02/11/2014
Action: Staff Letter - #20140211

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 05/28/2015
Action: Notice to Comply - #20150528

Global Id: T0608101115
Action Type: ENFORCEMENT
Date: 05/08/2014
Action: Staff Letter - #20140508

LUST:
Global Id: T0608101115
Status: Open - Case Begin Date
Status Date: 10/29/1998

Global Id: T0608101115
Status: Open - Remediation
Status Date: 12/18/2002

Global Id: T0608101115
Status: Open - Verification Monitoring
Status Date: 03/26/2003

TOSCO #4178 (Continued) **S113013896**

Global Id: T0608101115
Status: Open - Site Assessment
Status Date: 01/16/2008

Global Id: T0608101115
Status: Open - Verification Monitoring
Status Date: 10/19/2011

CORTESE:
Name: TOSCO #4178
Address: 615 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608101115
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HAZNET:
Name: UNOCAL SERVICE STATION #4178
Address: 615 E 3RD AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944020000
Contact: CHRISTOPHER Z HILL
Telephone: 7144286802
Mailing Name: Not reported
Mailing Address: PO BOX 25376

Year: 1997
Gepaid: CAD982056269
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 1.9

Year: 1997
Gepaid: CAD982056269
TSD EPA ID: CAD009452657
CA Waste Code: -

TOSCO #4178 (Continued) **S113013896**

Disposal Method:	R01 - Recycler
Tons:	0.417

Additional Info:

Year:	1997
Gen EPA ID:	CAD982056269
Shipment Date:	19970602
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970602
Manifest ID:	96832018
Trans EPA ID:	CA0000061275
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970529
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970529
Manifest ID:	96617793
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.9
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

TOSCO #4178 (Continued) **S113013896**

HWTS:

Name:	UNOCAL SERVICE STATION #4178
Address:	615 E 3RD AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944020000
EPA ID:	CAD982056269
Inactive Date:	06/30/1997
Create Date:	06/17/1988
Last Act Date:	12/30/1997
Mailing Name:	HAZMAT COMPL COORD, RM 9001
Mailing Address:	PO BOX 25376
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA ANA, CA 927995376
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	DBA UNOCAL
Owner Address 2:	Not reported
Owner City,State,Zip:	EL SEGUNDO, CA 902450000
Contact Name:	CHRISTOPHER Z HILL
Contact Address:	PO BOX 25376 CANX VQ97 CC
Contact Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927995376

NAICS:

EPA ID:	CAD982056269
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	1988-06-17 00:00:00
Inactive Date:	1997-06-30 00:00:00
Facility Name:	UNOCAL SERVICE STATION #4178
Facility Address:	615 E 3RD AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944020000

I129 **NORMANDY CLEANERS** **EDR Hist Cleaner** **1018841888**
WSW **333 E 4TH AVE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
553 ft. **Site 7 of 15 in cluster I**

Relative: EDR Hist Cleaner
Higher

Actual:
30 ft.

Year:	Name:	Type:
1969	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1969	NORMANDY CLEANERS	Drycleaning Plants, Except Rugs
1970	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1971	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1971	NORMANDY CLEANERS	Drycleaning Plants, Except Rugs
1972	NORMANDY CLEANERS	Drycleaning Plants, Except Rugs
1972	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1973	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1980	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1982	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1983	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs

NORMANDY CLEANERS (Continued) **1018841888**

1985	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1986	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1987	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1988	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1989	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1990	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1991	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1992	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1993	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1994	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1995	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1996	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs
1997	WARDROBE CLEANERS	Drycleaning Plants, Except Rugs

F130 **3RD AND CLAREMONT OWNER LLC** **RCRA NonGen / NLR** **1026053615**
West **406 E 3RD AVE** **CAC003060514**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
554 ft. **Site 8 of 15 in cluster F**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2020-03-18 00:00:00.0
Handler Name:	3RD AND CLAREMONT OWNER LLC
Handler Address:	406 E 3RD AVE
Handler City,State,Zip:	SAN MATEO, CA 94401-3351
EPA ID:	CAC003060514
Contact Name:	MIKE FIELD
Contact Address:	530 EMERSON AVE
Contact City,State,Zip:	PALO ALTO, CA 94301
Contact Telephone:	510-782-8801
Contact Fax:	510-786-3605
Contact Email:	EAMEZCUA@MAGTRUCKING.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	530 EMERSON AVE
Mailing City,State,Zip:	PALO ALTO, CA 94301
Owner Name:	MIKE FIELD
Owner Type:	Other
Operator Name:	MIKE FIELD
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

Actual:
28 ft.

3RD AND CLAREMONT OWNER LLC (Continued) **1026053615**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-20 19:21:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIKE FIELD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	530 EMERSON AVE
Owner/Operator City,State,Zip:	PALO ALTO, CA 94301
Owner/Operator Telephone:	650-847-1485
Owner/Operator Telephone Ext:	Not reported

3RD AND CLAREMONT OWNER LLC (Continued) **1026053615**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MIKE FIELD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 530 EMERSON AVE
Owner/Operator City,State,Zip: PALO ALTO, CA 94301
Owner/Operator Telephone: 510-782-8801
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-03-18 00:00:00.0
Handler Name: 3RD AND CLAREMONT OWNER LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 236116
NAICS Description: NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F131 **3RD AND CLAREMONT HOLDINGS** **RCRA NonGen / NLR** **1026041547**
West **406 E 3RD AVE** **CAC003047683**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
554 ft. **Site 9 of 15 in cluster F**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-12-18 00:00:00.0
Handler Name: 3RD AND CLAREMONT HOLDINGS
Handler Address: 406 E 3RD AVE
Handler City,State,Zip: SAN MATEO, CA 94401-3351
EPA ID: CAC003047683
Contact Name: MIKE FIELD
Contact Address: 530 EMERSON AVE, SUITE 150
Contact City,State,Zip: PALO ALTO, CA 94301
Contact Telephone: 650-847-1485

3RD AND CLAREMONT HOLDINGS (Continued) **1026041547**

Contact Fax:	Not reported
Contact Email:	KBORGARO@REPUBLICSERVICES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	530 EMERSON AVE, SUITE 150
Mailing City,State,Zip:	PALO ALTO, CA 94301
Owner Name:	MIKE FIELD
Owner Type:	Other
Operator Name:	MIKE FIELD
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

3RD AND CLAREMONT HOLDINGS (Continued) **1026041547**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:51:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIKE FIELD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	530 EMERSON AVE, SUITE 150
Owner/Operator City,State,Zip:	PALO ALTO, CA 94301
Owner/Operator Telephone:	650-847-1485
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE FIELD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	530 EMERSON AVE, SUITE 150
Owner/Operator City,State,Zip:	PALO ALTO, CA 94301
Owner/Operator Telephone:	650-847-1485
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-12-18 00:00:00.0
Handler Name:	3RD AND CLAREMONT HOLDINGS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

3RD AND CLAREMONT HOLDINGS (Continued) **1026041547**

List of NAICS Codes and Descriptions:
NAICS Code: 236118
NAICS Description: RESIDENTIAL REMODELERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F132 **KENTUCKY FRIED CHICKEN DBA DIANE & STACEY #245** **San Mateo Co. BI** **S123179617**
West **406 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
554 ft. **Site 10 of 15 in cluster F**

Relative: Higher
Actual: 28 ft.

San Mateo Co. BI:
Name: KENTUCKY FRIED CHICKEN DBA DIANE & STACEY #245
Address: 406 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001783
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0024016
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: KENTUCKY FRIED CHICKEN DBA DIANE & STACEY #245
Address: 406 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001783
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069565
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: KENTUCKY FRIED CHICKEN DBA DIANE & STACEY #245
Address: 406 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001783
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0082373
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: KENTUCKY FRIED CHICKEN DBA DIANE & STACEY #245
Address: 406 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001783

KENTUCKY FRIED CHICKEN DBA DIANE & STACEY #245 (Continued) **S123179617**

Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0082374
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

F133 **UST SITE** **San Mateo Co. BI** **S125911116**
West **406 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
554 ft. **Site 11 of 15 in cluster F**

Relative: **Higher**
Actual: **28 ft.**

San Mateo Co. BI:
Name: UST SITE
Address: 406 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0067383
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0090619
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

F134 **KENTUCKY FRIED CHICKEN #245** **LUST** **S125952816**
West **406 EAST THIRD AVENUE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
554 ft. **Site 12 of 15 in cluster F**

Relative: **Higher**
Actual: **28 ft.**

LUST:
Name: KENTUCKY FRIED CHICKEN #245
Address: 406 EAST THIRD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000013868
Global Id: T10000013868
Latitude: 37.56613
Longitude: -122.32109
Status: Open - Site Assessment
Status Date: 12/18/2019
Case Worker: JM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: Not reported
Local Case Number: 110206
Potential Media Affect: Not reported
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Not reported

LUST:
Global Id: T10000013868
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS, Suite 100

KENTUCKY FRIED CHICKEN #245 (Continued) **S125952816**

City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503995959

LUST:
Global Id: T10000013868
Action Type: RESPONSE
Date: 02/14/2020
Action: Verbal Communication

Global Id: T10000013868
Action Type: RESPONSE
Date: 02/06/2020
Action: Other Report / Document

Global Id: T10000013868
Action Type: RESPONSE
Date: 08/25/2020
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000013868
Action Type: ENFORCEMENT
Date: 01/16/2020
Action: Technical Correspondence / Assistance / Other

Global Id: T10000013868
Action Type: ENFORCEMENT
Date: 08/08/2020
Action: Staff Letter

Global Id: T10000013868
Action Type: ENFORCEMENT
Date: 01/14/2020
Action: Staff Letter

Global Id: T10000013868
Action Type: ENFORCEMENT
Date: 01/09/2020
Action: Notice of Responsibility

Global Id: T10000013868
Action Type: ENFORCEMENT
Date: 01/29/2020
Action: Staff Letter

Global Id: T10000013868
Action Type: ENFORCEMENT
Date: 11/20/2020
Action: Email Correspondence

Global Id: T10000013868
Action Type: Other
Date: 07/02/2019
Action: Leak Discovery

Global Id: T10000013868
Action Type: RESPONSE

KENTUCKY FRIED CHICKEN #245 (Continued) **S125952816**

Date: 08/15/2021
Action: Site Assessment Report

Global Id: T10000013868
Action Type: RESPONSE
Date: 05/29/2020
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000013868
Action Type: Other
Date: 12/18/2019
Action: Leak Reported

Global Id: T10000013868
Action Type: RESPONSE
Date: 12/17/2019
Action: Preliminary Site Assessment Report

LUST:
Global Id: T10000013868
Status: Open - Case Begin Date
Status Date: 07/02/2019

Global Id: T10000013868
Status: Open - Site Assessment
Status Date: 12/18/2019

F135 **KENTUCKY FRIED CHICKEN #245** **Cortese** **S121767554**
West **406 EAST THIRD AVENUE** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.105 mi.
554 ft. **Site 13 of 15 in cluster F**

Relative:
Higher

Actual:
28 ft.

CORTESE:
Name: KENTUCKY FRIED CHICKEN #245
Address: 406 EAST THIRD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000013868
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - SITE ASSESSMENT
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported

KENTUCKY FRIED CHICKEN #245 (Continued) **S121767554**

Waste Management Uit Name: Not reported
File Name: Active Open

I136 **LAKUNI** **San Mateo Co. BI** **S123179625**
WSW **325 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.106 mi.
561 ft. **Site 8 of 15 in cluster I**

Relative: San Mateo Co. BI:
Higher
Actual: Name: LAKUNI
30 ft. Address: 325 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001796
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069525
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

I137 **SUSHI YOSHIZUMI** **San Mateo Co. BI** **S123183905**
WSW **325 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.106 mi.
561 ft. **Site 9 of 15 in cluster I**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SUSHI YOSHIZUMI
30 ft. Address: 325 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0057775
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0080126
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

J138 **AUTOTRONICS AUTO REPAIR** **RCRA NonGen / NLR** **1025868406**
SSE **609 S CLAREMONT ST** **CAL000365031**
< 1/8 **SAN MATEO, CA 94402**
0.106 mi.
562 ft. **Site 4 of 15 in cluster J**

Relative: RCRA NonGen / NLR:
Higher
Actual: Date Form Received by Agency: 2011-06-28 00:00:00.0
22 ft. Handler Name: AUTOTRONICS AUTO REPAIR
Handler Address: 609 S CLAREMONT ST
Handler City,State,Zip: SAN MATEO, CA 94402
EPA ID: CAL000365031
Contact Name: JOYCE LI
Contact Address: 94 BRIDGEVIEW DR
Contact City,State,Zip: SAN FRANCISCO, CA 94124
Contact Telephone: 650-347-3998

AUTOTRONICS AUTO REPAIR (Continued) **1025868406**

Contact Fax:	650-347-3998
Contact Email:	AUTOTRONICS123@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	609 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-0000
Owner Name:	JOYCE LI
Owner Type:	Other
Operator Name:	JOYCE LI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

AUTOTRONICS AUTO REPAIR (Continued) **1025868406**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:06:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOYCE LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	94 BRIDGEVIEW DR
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94124
Owner/Operator Telephone:	650-347-3998
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOYCE LI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	94 BRIDGEVIEW DR
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94124-0000
Owner/Operator Telephone:	415-205-0135
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-06-28 00:00:00.0
Handler Name:	AUTOTRONICS AUTO REPAIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AUTOTRONICS AUTO REPAIR (Continued) **1025868406**

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J139 **AUTOTRONICS AUTO REPAIR** **CERS HAZ WASTE** **S121771282**
SSE **609 S CLAREMONT ST** **HAZNET** **N/A**
< 1/8 **SAN MATEO, CA 94402** **CERS**
0.106 mi. **HWTS**
562 ft. **Site 5 of 15 in cluster J**

Relative: Higher
Actual: 22 ft.

CERS HAZ WASTE:
Name: AUTOTRONICS
Address: 609 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Site ID: 386836
CERS ID: 10341874
CERS Description: Hazardous Waste Generator

HAZNET:
Name: AUTOTRONICS AUTO REPAIR
Address: 609 S CLAREMONT ST
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944020000
Contact: JOYCE LI
Telephone: 6503473998
Mailing Name: Not reported
Mailing Address: 609 S CLAREMONT ST

Year: 2019
Gepaid: CAL000365031
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06000

Year: 2018
Gepaid: CAL000365031
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.10000

Year: 2017
Gepaid: CAL000365031
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Tons:	0.1
Year:	2017
Gepaid:	CAL000365031
TSD EPA ID:	CAL000330453
CA Waste Code:	352 - Other organic solids
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.25

Additional Info:

Year:	2017
Gen EPA ID:	CAL000365031
Shipment Date:	20171219
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	018044034JJK
Trans EPA ID:	CAL000368136
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171219
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	018044034JJK
Trans EPA ID:	CAL000368136
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170612
Creation Date:	5/17/2018 18:32:18
Receipt Date:	20170615
Manifest ID:	017027913JJK
Trans EPA ID:	CAL000368136
Trans Name:	CLEANTECH ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AUTOTRONICS
Address:	609 S CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	386836
CERS ID:	10341874
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	05-16-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 07/23/2019. No training record on site. Submit evidence that all employees have completed HMBP training (required initial and annually). Submit that to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	386836

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Site Name:	AUTOTRONICS
Violation Date:	05-16-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 08/13/2019. The final copy for manifests 020023166JJK and 019015267JJK was missing during the inspection. Contact Cleantech for a copy. Submit the designated facility copy to Env. Health within 30 days and keep the copies on site for 3 years.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	05-29-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/19/2015.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	06-05-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 08/01/2017. No documented property owner notification was provided during the inspection. Provide a copy of the completed property owner notification to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	05-16-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 07/22/2019. The waste metal used oil filters

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

	are labeled and manifested as hazardous waste. Keep this container closed unless actively filling the 55 gal steel drum. The used oil drum was open during the inspection. The waste antifreeze drum (1) was open during the inspection. Keep all containers of hazardous waste closed unless actively filling or draining the container. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	05-16-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/22/2019. The waste antifreeze label is missing from both drums. The hazardous waste label is no longer legible on the paper filters drum. Fill out each of the required elements and submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	05-16-2019
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 05/17/2019. 2018 EVQ was completed but EPA ID is inactive. Contact DTSC to reactivate the ID number. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	06-05-2017
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 08/01/2017. The containers for used oil, filters, and waste antifreeze were open during the inspection. Close

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

	all containers and provide evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	06-05-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/01/2017. No training record for the business plan was provided during the inspection. Complete and document training. Provide a copy to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	06-05-2017
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 06/06/2017. Emergency phone number and equipment location was not posted. The emergency procedures form was completed and posted during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	386836
Site Name:	AUTOTRONICS
Violation Date:	06-05-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/01/2017. The used oil drums (4), used oil filter drums (2), and waste antifreeze drums (2) are missing the hazardous waste label. Complete all label requirement and provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Site ID: 386836
Site Name: AUTOTRONICS
Violation Date: 05-16-2019
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes: Returned to compliance on 07/22/2019. Noel was not aware of the requirement to send a copy of the uniform hazardous waste manifest (for filters) to DTSC within 30 days of pickup. Send to: DTSC Generator Manifests P.O. Box 400 Sacramento, CA 95812-0400 Provide evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-23-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewing and accepting HMBP with minor comments. Accepting revised plan.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-16-2019
Violations Found: Yes

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Eval Type:	Routine done by local agency
Eval Notes:	HMBP accepted 1/23/19. First submission accepted was 6/19/15. Continue to submit annually in June or within 1 year of the last submission minimum.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-16-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	There are 4x55 gallon drums on site for used oil. Facility occasionally reports on consolidated manifests over 270 gallons or up to 449 gallons of oil generated, however facility rep. Noel is saying that this is an error. Less than 1000 gallons per 6 months recorded this year. 100 gallon waste coolant per year. 55 gallon used oil filters metal 1 per year 55 gallon used oil filters paper 1 per year Facility to review the LQG requirements. If the facility becomes an LQG in any calendar month (over 270 gallons) they will be responsible for meeting all of those requirements.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-29-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Last submission November 2016.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Waste streams: used oil waste antifreeze used oil filters (mixed metal

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

	and paper) Facility generates approx. 110-260 gallons of waste per month. Large quantity generator status discussed during the inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-17-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-03-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed plan. Requested corrections to inventory pages. Sent email with detailed instructions.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed initial and duplicate submission. Accepted emergency contacts updates.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-22-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	7/22/19: 1PM inspection with Peter Louie. Designated facility copy of 030005056WAS observed on site today for metal and paper filters (270 lbs total). We discussed sending this copy to DTSC today to meet the requirement for sending a copy to the state. 020023166JJK Final copy was provided to the site today. Submit a copy of the manifest and training record (HMBP) to Env. Health by 7/26/19.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-22-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: William Li, Peter Louie, and Kevin Lee will have completed document training this week and send a copy of the record to Env. Health according to Peter Louie. HMBP printed and a copy kept on site for training.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-01-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Noel corrected labeling and container closure requirements during the re-inspection. Labels had formerly been placed on the wall.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP training record observed to be documented. Property owner notification observed to be completed during this re-inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with comments.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-27-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with comments.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 386836
Site Name: AUTOTRONICS
Site Address: 609 S CLAREMONT ST
Site City: SAN MATEO

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Site Zip: 94402
Enf Action Date: 06-04-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 386836
Facility Name: AUTOTRONICS
Env Int Type Code: HMBP
Program ID: 10341874
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.564400
Longitude: -122.318000

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 609 S Claremont st
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Jada Global Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 347-3998

Affiliation Type Desc: Environmental Contact
Entity Name: PETER LOUIE
Entity Title: Not reported
Affiliation Address: 609 S Claremont
Affiliation City: San Mateo
Affiliation State: CA

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: LI, JOYCE
Entity Title: Not reported
Affiliation Address: 609 CLAREMONT
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94402
Affiliation Phone: (415) 205-0135

Affiliation Type Desc: Identification Signer
Entity Name: Joyce Li
Entity Title: CFO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Joyce Li
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: AUTOTRONICS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: AUTOTRONICS AUTO REPAIR
Address: 609 S CLAREMONT ST
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94402
EPA ID: CAL000365031
Inactive Date: Not reported
Create Date: 06/28/2011
Last Act Date: 07/15/2020
Mailing Name: Not reported
Mailing Address: 609 S CLAREMONT ST
Mailing Address 2: Not reported

AUTOTRONICS AUTO REPAIR (Continued) **S121771282**

Mailing City,State,Zip:	SAN MATEO, CA 944020000
Owner Name:	JOYCE LI
Owner Address:	94 BRIDGEVIEW DR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941240000
Contact Name:	JOYCE LI
Contact Address:	94 BRIDGEVIEW DR
Contact Address 2:	Not reported
City,State,Zip:	SAN FRANCISCO, CA 94124

NAICS:

EPA ID:	CAL000365031
Create Date:	2011-06-28 08:05:44.233
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2011-06-28 08:05:44.09300
Inactive Date:	Not reported
Facility Name:	AUTOTRONICS AUTO REPAIR
Facility Address:	609 S CLAREMONT ST
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94402

J140 **NEW LOOK AUTO BODY & PAINT** **RCRA-SQG** **1000122452**
SSE **609 S CLAREMONT ST** **San Mateo Co. BI** **CAD982336786**
< 1/8 **SAN MATEO, CA 94402** **EMI**
0.106 mi. **HAZNET**
562 ft. **Site 6 of 15 in cluster J** **CERS**
HWTS

Relative:
Higher

Actual:
22 ft.

RCRA-SQG:

Date Form Received by Agency:	1987-12-01 00:00:00.0
Handler Name:	NEW LOOK AUTO BODY & PAINT
Handler Address:	609 S CLAREMONT ST
Handler City,State,Zip:	SAN MATEO, CA 94402
EPA ID:	CAD982336786
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	609 S CLAREMONT ST
Contact City,State,Zip:	SAN MATEO, CA 94402
Contact Telephone:	415-344-7907
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	ROGER ALTIZER

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROGER ALTIZER
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1987-12-01 00:00:00.0
Handler Name: NEW LOOK AUTO BODY & PAINT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

San Mateo Co. BI:
Name: NEW LOOK AUTO BODY

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

Address: 609 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016992
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0010633
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: NEW LOOK AUTO BODY
Address: 609 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016992
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003279
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: C3 FIX CAR
Address: 609 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0048176
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0065978
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AUTOTRONICS
Address: 609 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0050531
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0069996
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AUTOTRONICS
Address: 609 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0050531
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069999
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: AUTOTRONICS
Address: 609 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

Region:	SAN MATEO
Facility ID:	FA0050531
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0075613
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

EMI:

Name:	NEW LOOK AUTO BODY
Address:	609 SO CLAREMENT ST
City,State,Zip:	SAN MATEO, CA 944020000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	5932
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	NEW LOOK AUTO BODY
Address:	609 SO CLAREMENT ST
City,State,Zip:	SAN MATEO, CA 944020000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	5932
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	NEW LOOK AUTO BODY
Address:	609 SO CLAREMENT ST
City,State,Zip:	SAN MATEO, CA 944020000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	5932
Air District Name:	BA

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	NEW LOOK AUTO BODY & PAINT
Address:	609 S CLAREMONT ST
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944020000
Contact:	RODRIGUES, DONNA OWNER
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	609 S CLAREMONT ST
Year:	1997
Gepaid:	CAD982336786
TSD EPA ID:	CAD008302903
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	R01 - Recycler
Tons:	0.2293
Year:	1995
Gepaid:	CAD982336786
TSD EPA ID:	CAD008302903
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	R01 - Recycler
Tons:	0.363
Year:	1990
Gepaid:	CAD982336786
TSD EPA ID:	CAD008302903
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.2293
Year:	1989
Gepaid:	CAD982336786
TSD EPA ID:	CAD009452657
CA Waste Code:	-
Disposal Method:	01 -
Tons:	0.6255
Year:	1988
Gepaid:	CAD982336786
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.4587

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

Additional Info:

Year:	1997
Gen EPA ID:	CAD982336786
Shipment Date:	19970325
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970328
Manifest ID:	96523403
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD982336786
Shipment Date:	19951031
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951122
Manifest ID:	93635832
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NEW LOOK AUTO BODY & PAINT (Continued) **1000122452**

CERS:
- Name: NEW LOOK AUTO BODY
- Address: 609 SOUTH CLAREMONT STREET
- City,State,Zip: SAN MATEO, CA 94402-1352
- Site ID: 482967
- CERS ID: 110002796145
- CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
- Affiliation Type Desc: Environmental Contact
- Entity Name: ENVIR MGMT
- Entity Title: Not reported
- Affiliation Address: 609 S CLAREMONT ST
- Affiliation City: SANMATEO
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

HWTS:
- Name: NEW LOOK AUTO BODY & PAINT
- Address: 609 S CLAREMONT ST
- Address 2: Not reported
- City,State,Zip: SAN MATEO, CA 944020000
- EPA ID: CAD982336786
- Inactive Date: 06/30/1998
- Create Date: 06/17/1988
- Last Act Date: 08/10/2004
- Mailing Name: Not reported
- Mailing Address: 609 S CLAREMONT ST
- Mailing Address 2: Not reported
- Mailing City,State,Zip: SAN MATEO, CA 944020000
- Owner Name: --
- Owner Address: --
- Owner Address 2: Not reported
- Owner City,State,Zip: --, 99 --
- Contact Name: RODRIGUES, DONNA OWNER
- Contact Address: INACT PER 98VQ FINAL NOTICE
- Contact Address 2: - BATCH 4/27
- City,State,Zip: --, 99 --

F141 **3RD AVE LANDFILL SAN MATEO** **WMUDS/SWAT** **S104156258**
West **3RD AVE** **WDS** **N/A**
< 1/8 **SAN MATEO, CA 94403**
0.108 mi.
570 ft. **Site 14 of 15 in cluster F**

Relative: **Higher**
Actual: **28 ft.**

WMUDS/SWAT:
- Edit Date: Not reported
- Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
- Primary Waste: SLDWST
- Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain

3RD AVE LANDFILL SAN MATEO (Continued) **S104156258**

	nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	MD
NPID:	Not reported
Tonnage:	2
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	City
Agency Name:	SAN MATEO, CITY OF
Agency Department:	Not reported
Agency Address:	1949 PACIFIC BLVD
Agency City,St,Zip:	SAN MATEO CA 94403
Agency Contact:	DIRECTOR
Agency Telephone:	4153774630
Land Owner Name:	CITY OF SAN MATEO
Land Owner Address:	330 WEST 20TH AVENUE
Land Owner City,St,Zip:	SAN MATEO, CA 94402
Land Owner Contact:	Not reported
Land Owner Phone:	4155746790
Region:	2
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	SAN MATEO COMPOSTING SITE
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	SAN MATEO CITY PUBLIC WKS DEPT
Threat to Water Quality:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15:	True
Regional Board Project Officer:	DMA
Number of WMUDS at Facility:	1
Section Range:	04S04W21
RCRA Facility:	No
Waste Discharge Requirements:	I
Self-Monitoring Rept. Frequency:	No Reporting Requirements
Waste Discharge System ID:	2 417035002
Solid Waste Information ID:	41-AA-0010

3RD AVE LANDFILL SAN MATEO (Continued) **S104156258**

WDS:

Name:	3RD AVE LANDFILL SAN MATEO
Address:	3RD AVE
City:	SAN MATEO
Facility ID:	San Francisco Bay 417035002
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	2
Facility Telephone:	6505227300
Facility Contact:	Landfill Manager
Agency Name:	SAN MATEO CITY OF
Agency Address:	330 WEST 20TH AVENUE
Agency City,St,Zip:	SAN MATEO 94403
Agency Contact:	Director Public Works Engnrng
Agency Telephone:	6505227300
Agency Type:	City
SIC Code:	4953
SIC Code 2:	Not reported
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	SLDWST
Waste Type2:	Not reported
Waste2:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

J142 **MBZ SOLUTIONS** **San Mateo Co. BI** **S111413634**
SSE **615 CLAREMONT** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.109 mi.
575 ft. **Site 7 of 15 in cluster J**

Relative: San Mateo Co. BI:
Higher

Actual:
23 ft.

Name:	MBZ SOLUTIONS
Address:	615 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0050532
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0070001
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	MBZ SOLUTIONS
Address:	615 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0050532
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0070004
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

F143 **RED CRAWFISH** **San Mateo Co. BI** **S123182898**
WNW **401 3RD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.109 mi.
576 ft. **Site 15 of 15 in cluster F**

Relative: San Mateo Co. BI:
Higher

Actual:
27 ft.

Name:	RED CRAWFISH
Address:	401 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0049130
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069562
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

J144 **EURASIAN AUTO REPAIR** **RCRA NonGen / NLR** **1024820753**
SSE **635 S CLAREMONT ST** **CAL000334760**
< 1/8 **SAN MATEO, CA 94402**
0.117 mi.
616 ft. **Site 8 of 15 in cluster J**

Relative: RCRA NonGen / NLR:
Higher

Actual:
23 ft.

Date Form Received by Agency:		2008-07-22 00:00:00.0
Handler Name:	EURASIAN AUTO REPAIR	
Handler Address:		635 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94402-1352

EURASIAN AUTO REPAIR (Continued) **1024820753**

EPA ID:	CAL000334760
Contact Name:	SAMER DABIT
Contact Address:	635 S CLAREMONT ST
Contact City,State,Zip:	SAN MATEO, CA 94402
Contact Telephone:	650-302-5523
Contact Fax:	000-000-0000
Contact Email:	EURASIANAUTO03@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	635 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-0000
Owner Name:	EURASIAN AUTO REPAIR
Owner Type:	Other
Operator Name:	SAMER DABIT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

EURASIAN AUTO REPAIR (Continued) **1024820753**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMER DABIT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	635 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-302-5523
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EURASIAN AUTO REPAIR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	635 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402-0000
Owner/Operator Telephone:	650-302-5523
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-07-22 00:00:00.0
Handler Name: EURASIAN AUTO REPAIR	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

EURASIAN AUTO REPAIR (Continued) **1024820753**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J145 **AS AUTO SERVICE** **San Mateo Co. BI** **S106981902**
SSE **635 CLAREMONT** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.117 mi.
616 ft. **Site 9 of 15 in cluster J**

Relative:
Higher

Actual:
23 ft.

San Mateo Co. BI:
Name: AS AUTO SERVICE
Address: 635 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016977
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010618
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AS AUTO SERVICE
Address: 635 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016977
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0027491
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: COMMERCIAL PROPERTY
Address: 635 CLAREMONT
City,State,Zip: SAN MATEO, CA 94403
Region: SAN MATEO
Facility ID: FA0024512
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0029243
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

AS AUTO SERVICE (Continued) **S106981902**

Name: EURASIAN AUTO REPAIR
Address: 635 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028119
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0046292
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EURASIAN AUTO REPAIR
Address: 635 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028119
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0046293
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EURASIAN AUTO REPAIR
Address: 635 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028119
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068818
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

K146 **PACIFIC PERFORMANCE** **San Mateo Co. BI** **S108540468**
South **608 RAILROAD** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.117 mi.
617 ft. **Site 1 of 15 in cluster K**

Relative: San Mateo Co. BI:
Higher
Actual: Name: PACIFIC PERFORMANCE
26 ft. Address: 608 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0033858
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068857
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PACIFIC PERFORMANCE
Address: 608 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0033858
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0052510

PACIFIC PERFORMANCE (Continued) **S108540468**

Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

H147 **SAN MATEO ARTISTIC IRON WORKS** **San Mateo Co. BI** **S111075139**
SSW **317 6TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.118 mi.
623 ft. **Site 3 of 7 in cluster H**

Relative: **Higher**
Actual: **27 ft.**

San Mateo Co. BI:
Name: SAN MATEO ARTISTIC IRON WORKS
Address: 317 6TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045327
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068892
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: SAN MATEO ARTISTIC IRON WORKS
Address: 317 6TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045327
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0058953
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

K148 **KEN GRIFFIN AUTO** **San Mateo Co. BI** **S106981316**
South **612 RAILROAD** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.119 mi.
626 ft. **Site 2 of 15 in cluster K**

Relative: **Higher**
Actual: **26 ft.**

San Mateo Co. BI:
Name: KEN GRIFFIN AUTO
Address: 612 RAILROAD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0013696
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0025165
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: KEN GRIFFIN AUTO
Address: 612 RAILROAD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0013696

KEN GRIFFIN AUTO (Continued) **S106981316**

Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0025166
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

I149 **AMOUR AMOUR CAFE** **San Mateo Co. BI** **S123183320**
WSW **305 4TH** **N/A**
< 1/8 **SAN MATEO, CA 94401**
0.122 mi.
645 ft. **Site 10 of 15 in cluster I**

Relative: **Higher**
Actual: **31 ft.**

San Mateo Co. BI:

Name:	AMOUR AMOUR CAFE
Address:	305 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0052905
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0076847
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

J150 **PRECISION AUTO CARE** **RCRA NonGen / NLR** **1024836185**
SSE **639 S CLAREMONT ST** **CAL000379201**
< 1/8 **SAN MATEO, CA 94402**
0.124 mi.
657 ft. **Site 10 of 15 in cluster J**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2012-10-24 00:00:00.0
Handler Name:	PRECISION AUTO CARE	
Handler Address:		639 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000379201
Contact Name:		VINCE ASARO
Contact Address:		639 S CLAREMONT ST
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		650-743-0234
Contact Fax:		000-000-0000
Contact Email:		PRECISIONAUTOCARE@LIVE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		639 S CLAREMONT ST
Mailing City,State,Zip:		SAN MATEO, CA 94402-0000
Owner Name:		VINCE ASARO
Owner Type:		Other

PRECISION AUTO CARE (Continued) **1024836185**

Operator Name:	VINCE ASARO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:01:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

PRECISION AUTO CARE (Continued) **1024836185**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VINCE ASARO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	226 23RD AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94403-0000
Owner/Operator Telephone:	650-743-0234
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VINCE ASARO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	639 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-743-0234
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-10-24 00:00:00.0
Handler Name: PRECISION AUTO CARE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J151 **AUTOCRAFT INC** **RCRA NonGen / NLR** **1025873564**
SSE **639 S CLAREMONT ST** **CAL000446690**
< 1/8 **SAN MATEO, CA 94402**
0.124 mi.
657 ft. **Site 11 of 15 in cluster J**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-06-17 00:00:00.0
Handler Name:	AUTOCRAFT INC	
Handler Address:		639 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000446690
Contact Name:		NOEL SANVICTORES
Contact Address:		2445 TIPPERARY AVE
Contact City,State,Zip:		SOUTH SAN FRANCISCO, CA 94402
Contact Telephone:		650-255-9709
Contact Fax:		855-299-5949
Contact Email:		AUTOCRAFT168@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		639 S CLAREMONT ST
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		AUTOCRAFT INC
Owner Type:		Other
Operator Name:		NOEL SANVICTORES
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

AUTOCRAFT INC (Continued) **1025873564**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:32:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUTOCRAFT INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2445 TIPPERARY AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94402
Owner/Operator Telephone:	650-255-9709
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOEL SANVICTORES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2445 TIPPERARY AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94402
Owner/Operator Telephone:	650-255-9709
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AUTOCRAFT INC (Continued) **1025873564**

Historic Generators:
Receive Date: 2019-06-17 00:00:00.0
Handler Name: AUTOCRAFT INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J152 **APS ENTERPRISES, INC.** **San Mateo Co. BI** **S106982186**
SSE **639 CLAREMONT** **N/A**
< 1/8 **SAN MATEO, CA 94402**
0.124 mi.
657 ft. **Site 12 of 15 in cluster J**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:
Name: A AUTO SERVICE
Address: 639 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0027180
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0042857
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: A AUTO SERVICE
Address: 639 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0027180
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0042856
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: APS ENTERPRISES, INC.
Address: 639 CLAREMONT

APS ENTERPRISES, INC. (Continued) **S106982186**

City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028118
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0046288
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: APS ENTERPRISES, INC.
Address: 639 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028118
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068817
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: APS ENTERPRISES, INC.
Address: 639 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028118
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0046289
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

L153 **IZMIRIAN ROOFING & SHEET** **LUST** **S101593730**
NW **207 CLAREMONT** **CA FID UST** **N/A**
< 1/8 **SAN MATEO, CA 94401** **San Mateo Co. Bl**
0.125 mi. **Cortese**
658 ft. **Site 1 of 6 in cluster L** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
24 ft.

SAN MATEO CO. LUST:
Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110070
Facility Status: 9- Case Closed
Global ID: T0608100639
APN Number: 034184070
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

LUST:
Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 SOUTH CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100639

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Global Id:	T0608100639
Latitude:	37.567257
Longitude:	-122.321115
Status:	Completed - Case Closed
Status Date:	11/09/2000
Case Worker:	Not reported
RB Case Number:	41-0672
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110070
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100639
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100639
Action Type:	ENFORCEMENT
Date:	08/19/1992
Action:	Notice of Responsibility - #1

Global Id:	T0608100639
Action Type:	Other
Date:	07/23/1992
Action:	Leak Discovery

Global Id:	T0608100639
Action Type:	Other
Date:	07/23/1992
Action:	Leak Reported

Global Id:	T0608100639
Action Type:	REMEDIATION
Date:	09/21/1994
Action:	Excavation

LUST:

Global Id:	T0608100639
Status:	Open - Case Begin Date
Status Date:	07/23/1992

Global Id:	T0608100639
Status:	Completed - Case Closed
Status Date:	11/09/2000

CA FID UST:

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Facility ID: 41000293
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153423200
Mail To: Not reported
Mailing Address: 229 S RAILROAD AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN MATEO 94401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Mateo Co. BI:
Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 CLAREMONT
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0013307
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026135
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 CLAREMONT
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0013307
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0064216
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 CLAREMONT
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0013307
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068720
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

CORTESE:
Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 SOUTH CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94401

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100639
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	IZMIRIAN ROOFING & SHEET
edr_fadd1:	207 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0672

CERS:

Name:	IZMIRIAN ROOFING & SHEET METAL
Address:	207 S CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	395243
CERS ID:	10122598
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	395243
Site Name:	IZMIRIAN ROOFING & SHEET METAL
Violation Date:	06-04-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/13/2019. No training record for the last year could be located during the inspection. Submit the completed annual and new employee training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395243

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Site Name: IZMIRIAN ROOFING & SHEET METAL
Violation Date: 06-04-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/04/2019. Karnak 19 Ultra Rubberized flashing cement is stored on a pallet. The size of each container is 3 gallons and there are approximately 64 containers on the pallet. The inventory was updated for this item during the inspection. Corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395243
Site Name: IZMIRIAN ROOFING & SHEET METAL
Violation Date: 04-17-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 04/21/2017. No training record for emergency response, hazardous materials, or HMBP was available today. Send a copy of the record to Env. Health when located or competed within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with minor comment.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP accepted.

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted certified HMBP with updated FHC.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-29-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted correction with comments.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-30-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-02-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Note: Federal Hazard Category Update
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has one approx. 500 gal propane tank and several empty containers stored at the 207 S. Claremont location. HMBP last submitted 12/9/16.
Eval Division:	San Mateo County Environmental Health

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP submitted 1/4/19. Please mark off the following item in the record keeping section of the employee training plan "Training Program(s) (i.e., written description of introductory and continuing training)". Training plan updated during the inspection. Facility processes refrigerant equipment at the 229 S RAILROAD AVE facility (R410a and R22). If storing over 200 cubic feet of any refrigerant at this facility, submission of a business plan for this facility is required. If materials are stored at the 207 S. Claremont facility (over 200 cubic feet) an update of the inventory would be required. There is a small metal cutting shop located in the 229 S. Railroad facility. If storing over 55 gallons of oil or coolant, this may also be reportable for the HMBP. If generating any waste associated with changing out oil from the equipment, the facility may be a hazardous waste generator. Any routinely generated hazardous waste by the facility or facilities will required [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-01-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-14-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewing and accepting HMBP with one comment about updating the map.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 395243
Facility Name: IZMIRIAN ROOFING & SHEET METAL
Env Int Type Code: HMBP
Program ID: 10122598
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.567257
Longitude: -122.321114

Affiliation:
Affiliation Type Desc: Environmental Contact

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Entity Name:	Richard Izmirian
Entity Title:	Not reported
Affiliation Address:	229 S RAILROAD AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Richard Izmirian
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Richard Izmirian
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 342-3200
Affiliation Type Desc:	Document Preparer
Entity Name:	Richard Izmirian
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	IZMIRIAN ROOFING & SHEET METAL
Entity Title:	Not reported
Affiliation Address:	229 RAILROAD
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 342-3200
Affiliation Type Desc:	Parent Corporation
Entity Name:	Izmirian Roofing and Sheet Metal
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

IZMIRIAN ROOFING & SHEET (Continued) **S101593730**

Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 229 S RAILROAD AVE
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94401
Affiliation Phone: Not reported

Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 SOUTH CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94401
Site ID: 38690
CERS ID: T0608100639
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

K154 **STALLINGS PAINTING** **San Mateo Co. BI** **S103894392**
South **628 RAILROAD** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.126 mi.
663 ft. **Site 3 of 15 in cluster K**

Relative:
Higher

Actual:
26 ft.

San Mateo Co. BI:
Name: STALLINGS PAINTING
Address: 628 RAILROAD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0023723
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0027634
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable

STALLINGS PAINTING (Continued) **S103894392**

Program Category: BUSINESS PLAN PROGRAM

Name: STALLINGS PAINTING
Address: 628 RAILROAD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0023723
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0027635
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: STALLINGS PAINTING
Address: 628 RAILROAD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0023723
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068784
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

I155 **IZAKAYA GINJI** **San Mateo Co. BI** **S123182540**
WSW **301 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.126 mi.
667 ft. **Site 11 of 15 in cluster I**

Relative: San Mateo Co. BI:
Higher
Actual: Name: IZAKAYA GINJI
31 ft. Address: 301 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045481
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069507
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

H156 **TALBOTS CYCLERY** **San Mateo Co. BI** **S119781675**
SW **415 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.130 mi.
684 ft. **Site 4 of 7 in cluster H**

Relative: San Mateo Co. BI:
Higher
Actual: Name: TALBOTS CYCLERY
30 ft. Address: 415 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052226
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0072450

TALBOTS CYCLERY (Continued) **S119781675**

Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	TALBOTS CYCLERY
Address:	415 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0052226
Prog Element Code:	3095
Record Id:	PR0072451
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 5 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

H157 **TALBOTS CYCLERY OF SAN MATEO INC DBA TALBOT'S CYCL** **RCRA NonGen / NLR** **1024857160**
SW **415 S B STREET** **CAL000422172**
1/8-1/4 **SAN MATEO, CA 94401**
0.130 mi.
684 ft. **Site 5 of 7 in cluster H**

Relative: RCRA NonGen / NLR:
Higher

Actual:
30 ft.

Date Form Received by Agency:	2016-11-16 00:00:00.0
Handler Name:	TALBOTS CYCLERY OF SAN MATEO INC DBA TALBOT'S CYCLERY
Handler Address:	415 S B STREET
Handler City,State,Zip:	SAN MATEO, CA 94401-0000
EPA ID:	CAL000422172
Contact Name:	GARY MOORE
Contact Address:	415 SOUTH B ST
Contact City,State,Zip:	SAN MATEO, CA 94401
Contact Telephone:	650-931-1820
Contact Fax:	000-000-0000
Contact Email:	PAYME@TALBOTSCYCLERY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	415 S B ST
Mailing City,State,Zip:	SAN MATEO, CA 94401-0000
Owner Name:	GARY MOORE
Owner Type:	Other
Operator Name:	GARY MOORE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

TALBOTS CYCLERY OF SAN MATEO INC DBA TALBOT'S CYCLERY (Continued) **1024857160**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:35:15.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GARY MOORE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 SOUTH B ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-0000
Owner/Operator Telephone:	650-931-8120

TALBOTS CYCLERY OF SAN MATEO INC DBA TALBOT'S CYCLERY (Continued) **1024857160**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GARY MOORE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 SOUTH B ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-931-1820
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-11-16 00:00:00.0
Handler Name:	TALBOTS CYCLERY OF SAN MATEO INC DBA TALBOT'S CYCLERY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45111
NAICS Description:	SPORTING GOODS STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

I158 **YOGURTOUILLE** **San Mateo Co. BI** **S123182275**
SW **407 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.130 mi.
685 ft. **Site 12 of 15 in cluster I**

Relative: Higher
Actual: 31 ft.

San Mateo Co. BI:

Name:	YOGURTOUILLE
Address:	407 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0036947
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069567
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS

YOGURTOUILLE (Continued) **S123182275**

Facility Status: Inactive, non-billable
Program Category: STORMWATER

M159 **ATHENA GYROS** **San Mateo Co. BI** **S123181428**
West **312 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.130 mi.
687 ft. **Site 1 of 23 in cluster M**

Relative: **Higher**
Actual: **30 ft.**

San Mateo Co. BI:
Name: ATHENA GYROS
Address: 312 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0026709
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069515
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

E160 **METROPOLITAN APARTMENTS** **CPS-SLIC** **S122356440**
NE **337 TO 440 SOUTH FREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.130 mi.
688 ft. **Site 9 of 9 in cluster E**

Relative: **Lower**
Actual: **19 ft.**

CPS-SLIC:
Name: METROPOLITAN APARTMENTS
Address: 337 TO 440 SOUTH FREMONT
City,State,Zip: SAN MATEO, CA 94401
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/22/2011
Global Id: T0608139308
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 119152
Latitude: 37.567605
Longitude: -122.318421
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Lead
Site History: Lead found in upper 3-4 feet of soil

Click here to access the California GeoTracker records for this facility:

J161 **SUTTER VNA & HOSPICE** **San Mateo Co. BI** **S123180765**
SSE **700 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.131 mi.
690 ft. **Site 13 of 15 in cluster J**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SUTTER VNA & HOSPICE
24 ft. Address: 700 CLAREMONT
City,State,Zip: SAN MATEO, CA 944021436
Region: SAN MATEO
Facility ID: FA0024211
Prog Element Code: LIMITED MEDICAL WASTE HAULER EXEMPTION
Record Id: PR0028696
Description: SQG WITH TRANSPORT
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

I162 **TOMATINA** **San Mateo Co. BI** **S123183854**
SW **401 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.133 mi.
702 ft. **Site 13 of 15 in cluster I**

Relative: San Mateo Co. BI:
Higher
Actual: Name: TOMATINA
31 ft. Address: 401 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0057305
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0079509
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

H163 **THE RAVIOLI HOUSE** **San Mateo Co. BI** **S123182805**
SSW **505 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.134 mi.
707 ft. **Site 6 of 7 in cluster H**

Relative: San Mateo Co. BI:
Higher
Actual: Name: THE RAVIOLI HOUSE
29 ft. Address: 505 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047838
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069601
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

I164 **PANCHO VILLA** **San Mateo Co. BI** **S123180400**
WSW **365 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.135 mi.
711 ft. **Site 14 of 15 in cluster I**

Relative:
Higher

Actual:
31 ft.

San Mateo Co. BI:

Name:	PANCHO VILLA
Address:	365 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0014873
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069543
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

I165 **BEAN STREET COFFEE** **San Mateo Co. BI** **S123181517**
WSW **359 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.135 mi.
713 ft. **Site 15 of 15 in cluster I**

Relative:
Higher

Actual:
31 ft.

San Mateo Co. BI:

Name:	BEAN STREET COFFEE
Address:	359 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0027112
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069539
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

N166 **VICTOR CATANZARO (CHEVRON)** **LUST** **S103472834**
North **727 EAST 3RD AVENUE** **Cortese** **N/A**
1/8-1/4 **SAN MATEO, CA 94402** **HIST CORTESE**
0.138 mi. **CERS**
727 ft. **Site 1 of 3 in cluster N**

Relative:
Lower

Actual:
18 ft.

SAN MATEO CO. LUST:

Name:	VICTOR CATANZARO
Address:	727 E 3RD ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110028
Facility Status:	9- Case Closed
Global ID:	T0608100611
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	VICTOR CATANZARO (CHEVRON)
Address:	727 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94402

VICTOR CATANZARO (CHEVRON) (Continued) **S103472834**

Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100611
Global Id:	T0608100611
Latitude:	37.5680997
Longitude:	-122.3187055
Status:	Completed - Case Closed
Status Date:	06/28/1999
Case Worker:	Not reported
RB Case Number:	41-0640
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110028
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100611
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100611
Action Type:	ENFORCEMENT
Date:	05/11/1989
Action:	Notice of Responsibility - #1
Global Id:	T0608100611
Action Type:	Other
Date:	08/15/1985
Action:	Leak Discovery
Global Id:	T0608100611
Action Type:	Other
Date:	04/01/1985
Action:	Leak Reported

LUST:

Global Id:	T0608100611
Status:	Open - Case Begin Date
Status Date:	04/01/1985
Global Id:	T0608100611
Status:	Completed - Case Closed
Status Date:	06/28/1999

LUST REG 2:

Region:	2
Facility Id:	Not reported

VICTOR CATANZARO (CHEVRON) (Continued) **S103472834**

Facility Status: Case Closed
Case Number: 110028
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: VICTOR CATANZARO (CHEVRON)
Address: 727 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100611
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: VICTOR CATANZARO
edr_fadd1: 727 3RD
City,State,Zip: SAN MATEO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0640

CERS:
Name: VICTOR CATANZARO (CHEVRON)
Address: 727 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 260624
CERS ID: T0608100611
CERS Description: Leaking Underground Storage Tank Cleanup Site

VICTOR CATANZARO (CHEVRON) (Continued) **S103472834**

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

K167 **EUROPEAN CAR CARE** **CERS HAZ WASTE** **S121739662**
South **316 6TH AVE** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HWTS**
0.138 mi.
731 ft. **Site 4 of 15 in cluster K**

Relative:
Higher

Actual:
27 ft.

CERS HAZ WASTE:
- Name: EUROPEAN CAR CARE
- Address: 316 6TH AVE
- City,State,Zip: SAN MATEO, CA 94401
- Site ID: 115041
- CERS ID: 10066834
- CERS Description: Hazardous Waste Generator

CERS:
- Name: EUROPEAN CAR CARE
- Address: 316 6TH AVE
- City,State,Zip: SAN MATEO, CA 94401
- Site ID: 115041
- CERS ID: 10066834
- CERS Description: Chemical Storage Facilities

Violations:
- Site ID: 115041
- Site Name: EUROPEAN CAR CARE
- Violation Date: 12-03-2019
- Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
- Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
- Violation Notes: Returned to compliance on 01/21/2020. Document used oil filter pick up or drop off records for metal used oil filters. No record of metal used oil filter drop-off could be located today. Jon called the waste hauler and requested a pick-up today. Submit evidence of completion to Env. Health within 30 days.
- Violation Division: San Mateo County Environmental Health
- Violation Program: HW
- Violation Source: CERS

- Site ID: 115041
- Site Name: EUROPEAN CAR CARE
- Violation Date: 10-30-2017
- Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
- Violation Description: Failure to provide initial and annual training to all employees in

EUROPEAN CAR CARE (Continued) **S121739662**

	safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/30/2017. One employee was trained and the documentation was completed during the inspection. The employee submits the business plan. This was corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	115041
Site Name:	EUROPEAN CAR CARE
Violation Date:	12-03-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/03/2019. Training record completed today for Jonny.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	115041
Site Name:	EUROPEAN CAR CARE
Violation Date:	10-30-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 10/30/2017. The property owner notification was completed during the inspection. This was corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	115041
Site Name:	EUROPEAN CAR CARE
Violation Date:	12-03-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 12/03/2019. No label was observed on the roll-around used oil containers during the inspection. Update the used oil roll-around labels to include all required information. Label provided and corrected during the inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

EUROPEAN CAR CARE (Continued) **S121739662**

Site ID: 115041
Site Name: EUROPEAN CAR CARE
Violation Date: 10-30-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/29/2017. The waste paper oil filters did not have a hazardous waste label. Complete the hazardous waste label and provide evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 115041
Site Name: EUROPEAN CAR CARE
Violation Date: 12-03-2019
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes: Returned to compliance on 12/03/2019. A copy of the paper filters pickup record from Oct. sent to DTSC today. Corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 115041
Site Name: EUROPEAN CAR CARE
Violation Date: 10-28-2013
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 05/13/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 115041
Site Name: EUROPEAN CAR CARE
Violation Date: 10-30-2017
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 11/29/2017. The containers for used paper

EUROPEAN CAR CARE (Continued) **S121739662**

filters, used metal filters, and waste antifreeze were open. Provide evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 115041
Site Name: EUROPEAN CAR CARE
Violation Date: 10-30-2017
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 10/30/2017. Emergency procedures were posted during the inspection. Corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-17-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP updates accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-22-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

EUROPEAN CAR CARE (Continued) **S121739662**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP Declined due to missing Employee Training Plan. Additional notes on corrections needed.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Rejected
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

EUROPEAN CAR CARE (Continued) **S121739662**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-30-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility has two, approximately 60 gallon tanks of used oil inside of an in-ground vault. A follow-up on additional requirements may be conducted. One 55 gallon drum of used metal oil filters. One small container of used paper oil filters. One 16 gallon drum of waste antifreeze.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	11-08-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted HMBP submission with no changes.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Est. waste per year: Used oil: 500-700 gal per year One drum of paper filters One drum of metal filters. No waste antifreeze. Auto batteries Additional tank inspection requirements to be reviewed with tank specialist and provided to facility.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP updated and submitted during the inspection.

EUROPEAN CAR CARE (Continued) **S121739662**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 115041
Site Name: EUROPEAN CAR CARE
Site Address: 316 6TH AVE
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 05-06-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 115041
Facility Name: EUROPEAN CAR CARE
Env Int Type Code: HWG
Program ID: 10066834
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.563656
Longitude: -122.319450

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Document Preparer
Entity Name: Ross Price III
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: PRICE, ROSS
Entity Title: Not reported
Affiliation Address: 316 6TH
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: United States

EUROPEAN CAR CARE (Continued) **S121739662**

Affiliation Zip:	94401
Affiliation Phone:	(650) 347-4345
Affiliation Type Desc:	Operator
Entity Name:	Ross Price III
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 347-4345
Affiliation Type Desc:	Parent Corporation
Entity Name:	EUROPEAN CAR CARE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Cal Realty Inv. Co
Entity Title:	Not reported
Affiliation Address:	1209 Burlingame Ave
Affiliation City:	Burlingame
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94010
Affiliation Phone:	(650) 348-3055
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	316 6TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jon Ogrey
Entity Title:	Not reported
Affiliation Address:	316 6th Avenue
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Ross Price III
Entity Title:	Owner
Affiliation Address:	Not reported

EUROPEAN CAR CARE (Continued) **S121739662**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: EUROPEAN CAR CARE
Address: 316 6TH AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944014117
EPA ID: CAL000354407
Inactive Date: Not reported
Create Date: 07/07/2010
Last Act Date: 08/22/2020
Mailing Name: Not reported
Mailing Address: 316 6TH AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MATEO, CA 944014117
Owner Name: ROSS PRICE
Owner Address: 316 6TH AVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN MATEO, CA 944014117
Contact Name: ROSS PRICE
Contact Address: 114 44TH AVE
Contact Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94403

NAICS:
EPA ID: CAL000354407
Create Date: 2010-07-07 08:53:30.143
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2010-07-07 08:53:30.13000
Inactive Date: Not reported
Facility Name: EUROPEAN CAR CARE
Facility Address: 316 6TH AVE
Facility Address 2: Not reported
Facility City: SAN MATEO
Facility County: Not reported
Facility State: CA
Facility Zip: 944014117

K168 **EUROPEAN CAR CARE** **RCRA NonGen / NLR** **1024826549**
South **316 6TH AVE** **CAL000354407**
1/8-1/4 **SAN MATEO, CA 94401**
0.138 mi.
731 ft. **Site 5 of 15 in cluster K**

Relative:
Higher

Actual:
27 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2010-07-07 00:00:00.0
Handler Name: EUROPEAN CAR CARE
Handler Address: 316 6TH AVE
Handler City,State,Zip: SAN MATEO, CA 94401-4117
EPA ID: CAL000354407
Contact Name: ROSS PRICE

EUROPEAN CAR CARE (Continued) **1024826549**

Contact Address:	114 44TH AVE
Contact City,State,Zip:	SAN MATEO, CA 94403
Contact Telephone:	650-347-4345
Contact Fax:	650-343-4486
Contact Email:	EUROPEANCARCARE@SBCGLOBAL.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	316 6TH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401-4117
Owner Name:	ROSS PRICE
Owner Type:	Other
Operator Name:	ROSS PRICE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

EUROPEAN CAR CARE (Continued) **1024826549**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:32:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROSS PRICE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	114 44TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94403
Owner/Operator Telephone:	650-347-4345
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROSS PRICE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	316 6TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4117
Owner/Operator Telephone:	650-347-4345
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-07-07 00:00:00.0
Handler Name: EUROPEAN CAR CARE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

EUROPEAN CAR CARE (Continued) **1024826549**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K169 **EUROPEAN CAR CARE** **San Mateo Co. BI** **S103652187**
South **316 6TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.138 mi.
731 ft. **Site 6 of 15 in cluster K**

Relative: **Higher**
Actual: **27 ft.**

San Mateo Co. BI:
Name: EUROPEAN CAR CARE
Address: 316 6TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022451
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024492
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EUROPEAN CAR CARE
Address: 316 6TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022451
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0024493
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: EUROPEAN CAR CARE
Address: 316 6TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022451
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0067676
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: EUROPEAN CAR CARE

EUROPEAN CAR CARE (Continued) **S103652187**

Address:	316 6TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0022451
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068779
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

H170 **CENTRAL CAFE** **San Mateo Co. BI** **S123181835**
SSW **517 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.139 mi.
733 ft. **Site 7 of 7 in cluster H**

Relative: Higher
Actual: 29 ft.

San Mateo Co. BI:

Name:	CENTRAL CAFE
Address:	517 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0028531
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069608
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

J171 **EUROCRAFT AUTOBODY** **RCRA NonGen / NLR** **1024806910**
SSE **649 S CLAREMONT ST** **CAL000271737**
1/8-1/4 **SAN MATEO, CA 94402**
0.139 mi.
736 ft. **Site 14 of 15 in cluster J**

Relative: Higher
Actual: 22 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2003-06-13 00:00:00.0
Handler Name:	EUROCRAFT AUTOBODY	
Handler Address:		649 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000271737
Contact Name:		EDWARD SHTURMAN/OWNER
Contact Address:		649 S CLAREMONT ST
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		650-375-1188
Contact Fax:		650-375-1511
Contact Email:		EUROCRAFTAUTO@SBCGLOBAL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported

EUROCRAFT AUTOBODY (Continued) **1024806910**

Mailing Address:	649 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-0000
Owner Name:	EDWARD SHTURMAN
Owner Type:	Other
Operator Name:	EDWARD SHTURMAN/OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:25:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

EUROCRAFT AUTOBODY (Continued) **1024806910**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EDWARD SHTURMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 649 S CLAREMONT ST
Owner/Operator City,State,Zip: SAN MATEO, CA 94402-0000
Owner/Operator Telephone: 650-375-1188
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EDWARD SHTURMAN/OWNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 649 S CLAREMONT ST
Owner/Operator City,State,Zip: SAN MATEO, CA 94402
Owner/Operator Telephone: 650-375-1188
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2003-06-13 00:00:00.0
Handler Name: EUROCRAFT AUTOBODY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J172 **HANSONS TECHNOLOGY** **San Mateo Co. BI** **S105091593**
SSE **649 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.139 mi.
736 ft. **Site 15 of 15 in cluster J**

Relative: **Higher**

Actual: **22 ft.**

San Mateo Co. BI:

Name:	HANSONS TECHNOLOGY
Address:	649 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0010859
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003439
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	HANSONS TECHNOLOGY
Address:	649 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0010859
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0025156
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	EUROCRAFT AUTO BODY
Address:	649 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0027977
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0045993
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	EUROCRAFT AUTO BODY
Address:	649 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0027977
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0045994
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	EUROCRAFT AUTO BODY
Address:	649 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0027977
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068816
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS

HANSONS TECHNOLOGY (Continued) **S105091593**

Facility Status: Inactive, non-billable
Program Category: STORMWATER

M173 **CINEMARK 437** **San Mateo Co. BI** **S117302275**
West **320 2ND AVE** **HAZNET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HWTS**
0.141 mi.
745 ft. **Site 2 of 23 in cluster M**

Relative: Higher

Actual: 30 ft.

San Mateo Co. BI:
Name: CENTURY THEATRES
Address: 320 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0027298
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069523
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: CENTURY THEATRES
Address: 320 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0027298
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0079652
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

HAZNET:
Name: CINEMARK 437
Address: 320 2ND AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94401
Contact: PATRICK GRAY
Telephone: 6148244985
Mailing Name: Not reported
Mailing Address: 40 E COLUMBUS ST

Year: 2013
Gepaid: CAC002745730
TSD EPA ID: CAD059494310
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075

Additional Info:
Year: 2013
Gen EPA ID: CAC002745730

Shipment Date: 20130925
Creation Date: 12/29/2013 22:15:24

CINEMARK 437 (Continued) **S117302275**

Receipt Date:	20131101
Manifest ID:	003946012SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CINEMARK 437
Address:	320 2ND AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC002745730
Inactive Date:	12/31/2013
Create Date:	10/01/2013
Last Act Date:	01/01/2014
Mailing Name:	Not reported
Mailing Address:	40 E COLUMBUS ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	COLUMBUS, OH 43206
Owner Name:	PATRICK GRAY
Owner Address:	40 E COLUMBUS ST
Owner Address 2:	Not reported
Owner City,State,Zip:	COLUMBUS, OH 43206
Contact Name:	PATRICK GRAY
Contact Address:	40 E COLUMBUS ST
Contact Address 2:	Not reported
City,State,Zip:	COLUMBUS, OH 43206

M174 **437-CENTURY 12 SAN MATEO** **RCRA NonGen / NLR** **1025871356**
West **320 E 2ND AVE** **CAL000444468**
1/8-1/4 **SAN MATEO, CA 94401**
0.141 mi.
745 ft. **Site 3 of 23 in cluster M**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2019-03-18 00:00:00.0
Handler Name:	437-CENTURY 12 SAN MATEO
Handler Address:	320 E 2ND AVE
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAL000444468

Actual:
30 ft.

437-CENTURY 12 SAN MATEO (Continued) **1025871356**

Contact Name:	MOHAMMED OR TRACY LEACH
Contact Address:	320 E 2ND AVE
Contact City,State,Zip:	SAN MATEO, CA 94401
Contact Telephone:	731-599-9398
Contact Fax:	Not reported
Contact Email:	CINEMARK@ELYTCS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	601 S HIGH ST
Mailing City,State,Zip:	COLUMBUS, OH 43215
Owner Name:	ART JUSTICE
Owner Type:	Other
Operator Name:	MOHAMMED OR TRACY LEACH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

437-CENTURY 12 SAN MATEO (Continued) **1025871356**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 18:10:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ART JUSTICE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900 DALLAS PKWY
Owner/Operator City,State,Zip:	PLANO, TX 75093
Owner/Operator Telephone:	614-824-4985
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOHAMMED OR TRACY LEACH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	320 E 2ND AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	731-599-9398
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-03-18 00:00:00.0
Handler Name:	437-CENTURY 12 SAN MATEO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

437-CENTURY 12 SAN MATEO (Continued) **1025871356**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 512131
NAICS Description: MOTION PICTURE THEATERS (EXCEPT DRIVE-INS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K175 **WHEEL WORKS # 8216** **RCRA NonGen / NLR** **1024830334**
SSW **521 S B ST** **CAL000365225**
1/8-1/4 **SAN MATEO, CA 94401**
0.142 mi.
752 ft. **Site 7 of 15 in cluster K**

Relative: **Higher**
Actual: **29 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2011-06-30 00:00:00.0
Handler Name: WHEEL WORKS # 8216
Handler Address: 521 S B ST
Handler City,State,Zip: SAN MATEO, CA 94401-4119
EPA ID: CAL000365225
Contact Name: BRIDGESTONE RETAIL OPERATIONS, LLC
Contact Address: 333 EAST LAKE STREET
Contact City,State,Zip: BLOOMINGDALE, IL 60108
Contact Telephone: 615-937-7515
Contact Fax: 615-493-3310
Contact Email: ENVGEN@BFRC.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 333 EAST LAKE STREET
Mailing City,State,Zip: BLOOMINGDALE, IL 60108-0000
Owner Name: BRIDGESTONE RETAIL OPERATIONS, LLC
Owner Type: Other
Operator Name: BRIDGESTONE RETAIL OPERATIONS, LLC
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No

WHEEL WORKS # 8216 (Continued) **1024830334**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 16:59:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRIDGESTONE RETAIL OPERATIONS, LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

WHEEL WORKS # 8216 (Continued) **1024830334**

Owner/Operator Address:	333 EAST LAKE STREET
Owner/Operator City,State,Zip:	BLOOMINGDALE, IL 60108
Owner/Operator Telephone:	615-937-7515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRIDGESTONE RETAIL OPERATIONS, LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 EAST LAKE STREET
Owner/Operator City,State,Zip:	BLOOMINGDALE, IL 60108-0000
Owner/Operator Telephone:	615-937-7515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-06-30 00:00:00.0
Handler Name: WHEEL WORKS # 8216	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45299
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

K176 **WHEEL WORKS #122149** **CERS HAZ WASTE** **S121749847**
SSW **521 B ST** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.142 mi.
752 ft. **Site 8 of 15 in cluster K**

Relative:
Higher

Actual:
29 ft.

CERS HAZ WASTE:

Name:	WHEEL WORKS #122149
Address:	521 B ST
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	171573
CERS ID:	10157933

WHEEL WORKS #122149 (Continued) **S121749847**

CERS Description: Hazardous Waste Generator

CERS:
Name: WHEEL WORKS #122149
Address: 521 B ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 171573
CERS ID: 10157933
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 171573
Site Name: Wheel Works #122149
Violation Date: 05-03-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 05/03/2016. All containers were closed following the inspection including oil filters, absorbent, and UW aerosols.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 171573
Site Name: Wheel Works #122149
Violation Date: 08-13-2020
Citation: 40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description: Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes: Returned to compliance on 08/14/2020. OBSERVED: One fire extinguisher on the ground in the tire storage room is marked with a certification date of July 2019. REQUIRED ACTION: Remove or update this fire extinguisher. OBSERVED: One eyewash station in the shop is blocked by equipment. REQUIRED ACTION: Remove equipment to make this eyewash accessible. Submit evidence of completion to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 171573
Site Name: Wheel Works #122149
Violation Date: 03-28-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 04/12/2018. The new oil bladder bags contain residual oil in sufficient quantity to be poured out if allowed to drain, based on the inspection today. Please provide a copy of the waste determination or laboratory analysis results used to make the determination for this waste. Submit this to Env. Health within 30

WHEEL WORKS #122149 (Continued) **S121749847**

days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 171573
Site Name: Wheel Works #122149
Violation Date: 12-19-2013
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 03/19/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 171573
Site Name: Wheel Works #122149
Violation Date: 03-28-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 04/13/2018. Please add updated eyewash stations, adjacent streets, and storm drains (where applicable) to the map. Please verify the location of the hazardous material storage. These were marked on the map during the inspection. Submit the corrected map to CERS within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 171573
Site Name: Wheel Works #122149
Violation Date: 05-03-2016
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send hazardous waste manifest copies to DTSC.
Violation Notes: Returned to compliance on 06/02/2016. Manager could not confirm uniform manifests copies sent to DTSC within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-02-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP Reviewed. Generator status reviewed. Email sent regarding this possible change.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

WHEEL WORKS #122149 (Continued) **S121749847**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-25-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP was reviewed as submitted 1/29/18.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Please review the LQG requirements. A comparison chart is provided by the state at this website: https://www.dtsc.ca.gov/HazardousWaste/upload/California-Generator-Chart.pdf Annual waste estimate: (2017) Used antifreeze 30 Oil 2,190 16,425 oil bladders 2 drums 140 Filters 4 drums 700 Waste Absorbent 4 drums 700 UW Aerosols 3 drums Waste Brake fluid 90 gal 675 Parts washer 30 240 18,880 pounds per year (Estimated) Pounds per month: 1573
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-03-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted updates to HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-12-2018
Violations Found: No

WHEEL WORKS #122149 (Continued) **S121749847**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	No violation observed for empty 6 gal oil bag recycling (over 5 gal containers).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-02-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updated map, contacts.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-03-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-03-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-01-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted updated HMBP.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-16-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received report from Wes regarding propane cylinders abandoned at

WHEEL WORKS #122149 (Continued) **S121749847**

Wheel Works and leaking. Contacted the manager and instructed him to call fire. Manager noted cylinders were punctured. Hazmat ER on scene to consult. Called manager to ask about surveillance and discuss recycling options for empty cylinders (left a voicemail). When he called back we discussed recycling when properly empty (valve stem removed). I tried to determine if any evidence could have been left behind, but no surveillance or tags identified yet. I asked Dermot to stop by if possible. County Specialty gas picked up the gases according to Dermot Casey.

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Property owner notification record provided for review. No spills or releases reported. One case of dumped propane cylinders with possible leaking discussed. HMBP reviewed via phone interview 8/10/20. Inventory reviewed visually 8/13/20. No significant changes. Map updated 7/31/20. Remainder of plan last submission 6/1/20.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Records review / interview conducted on 8/10/20 with multiple representatives from the facilty including Brian Smith, Dan O'keefe, Sheila Caballero, Dain Brandrup, Richard Harryman, and the manager Mike _____ Records Reviewed: - Facility has completed a tank assessment for used oil (the only waste tank). - Documents daily/weekly hazardous waste tank/container inspections. - Documented training - Facility reported sending manifests to the state recently and also historically. - EPA ID reviewed and is active. - Manifests for wastes noted below were available for review. Generator status appears to be SQG based on the information below. - Other waste process info discussed: 1. Aerosol cans: All waste aerosols are drummed and disposed of as universal waste. 2. Facility recycles the 6-gallon oil bags. 3. Blue paper tool rags are disposed of as hazardous waste are used instead of using laundered red rags. 4. Waste Automotive Batteries: They [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

WHEEL WORKS #122149 (Continued) **S121749847**

Eval General Type: Other/Unknown
Eval Date: 10-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted updates to HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 171573
Site Name: Wheel Works #122149
Site Address: 521 B ST
Site City: SAN MATEO
Site Zip: 94401
Enf Action Date: 12-19-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Bridgestone Retail Operations, LLC
Entity Title: Not reported
Affiliation Address: 200 4th Avenue South Attn: Environmental-BSRO
Affiliation City: Nashville
Affiliation State: TN
Affiliation Country: United States
Affiliation Zip: 37201
Affiliation Phone: (615) 937-9216

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100

WHEEL WORKS #122149 (Continued) **S121749847**

Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Parent Corporation
Entity Name:	Bridgestone Retail Operations, LLC. (BSRO)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Nicole Remsburg
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Dain Brandrup-BSRO
Entity Title:	Not reported
Affiliation Address:	200 4th Avenue South Attn: Environmental-BSRO
Affiliation City:	Nashville
Affiliation State:	TN
Affiliation Country:	Not reported
Affiliation Zip:	37201
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	200 4th Avenue South Attn: Environmental-BSRO
Affiliation City:	Nashville
Affiliation State:	TN
Affiliation Country:	Not reported
Affiliation Zip:	37201
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Robert L Gibson
Entity Title:	Not reported
Affiliation Address:	819 N. Humbolt St. #401
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401-1225
Affiliation Phone:	(650) 342-9568
Affiliation Type Desc:	Identification Signer

WHEEL WORKS #122149 (Continued) **S121749847**

Entity Name:	Nicole Remsburg
Entity Title:	Environmental Scientist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Wheel Works
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 347-6900

K177 **HOWARD TIRE** **LUST** **S103893993**
SSW **521 B** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN MATEO, CA 94402** **Cortese**
0.142 mi. **HIST CORTESE**
752 ft. **Site 9 of 15 in cluster K** **CERS**

Relative:
Higher

Actual:
29 ft.

SAN MATEO CO. LUST:

Name:	HOWARD TIRE
Address:	521 B ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110004
Facility Status:	9- Case Closed
Global ID:	T0608100272
APN Number:	034191020
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	HOWARD TIRE
Address:	521 B
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100272
Global Id:	T0608100272
Latitude:	37.563857
Longitude:	-122.320065
Status:	Completed - Case Closed
Status Date:	04/20/1990
Case Worker:	Not reported
RB Case Number:	41-0286
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110004
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Not reported

HOWARD TIRE (Continued) **S103893993**

Site History: Not reported

LUST:
Global Id: T0608100272
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100272
Action Type: ENFORCEMENT
Date: 04/20/1990
Action: Notice of Responsibility - #1

LUST:
Global Id: T0608100272
Status: Completed - Case Closed
Status Date: 04/20/1990

Global Id: T0608100272
Status: Open - Case Begin Date
Status Date: 04/20/1990

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110004
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: WHEEL WORKS #122149
Address: 521 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005175
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003454
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

HOWARD TIRE (Continued) **S103893993**

Name: WHEEL WORKS #122149
Address: 521 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005175
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010708
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: WHEEL WORKS #122149
Address: 521 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005175
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068684
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

CORTESE:
Name: HOWARD TIRE
Address: 521 B
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100272
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: HOWARD TIRE COMPANY
edr_fadd1: 521 B
City,State,Zip: SAN MATEO, CA 94063
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0286

HOWARD TIRE (Continued) **S103893993**

CERS:

Name:	HOWARD TIRE
Address:	521 B
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	224991
CERS ID:	T0608100272
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

M178 **LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS LLC** **RCRA NonGen / NLR** **1026485327**
WSW **307 SOUTH B STREET** **CAC003091455**
1/8-1/4 **SAN MATEO, CA 94401**
0.145 mi.
767 ft. **Site 4 of 23 in cluster M**

Relative: **Higher**

Actual: **31 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-11-04 00:00:00.0
Handler Name:	LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS LLC
Handler Address:	307 SOUTH B STREET
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC003091455
Contact Name:	LA SENDA PROPERTIES LLC & FAIRWAY I
Contact Address:	1065 E. HILLDALE BLVD. STE. 416
Contact City,State,Zip:	FOSTER CITY, CA 94404
Contact Telephone:	650-403-2313
Contact Fax:	Not reported
Contact Email:	GISELLE.ESPIRITU@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1065 E. HILLDALE BLVD. STE. 416
Mailing City,State,Zip:	FOSTER CITY, CA 94404
Owner Name:	LA SENDA PROPERTIES LLC & FAIRWAY I
Owner Type:	Other
Operator Name:	LA SENDA PROPERTIES LLC & FAIRWAY I
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS LLC (Continued) **1026485327**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-06 21:06:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LA SENDA PROPERTIES LLC & FAIRWAY I
Legal Status:	Other

LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS LLC (Continued) **1026485327**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 E. HILLDALE BLVD. STE. 416
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94404
Owner/Operator Telephone:	650-403-2313
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LA SENDA PROPERTIES LLC & FAIRWAY I
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 E. HILLDALE BLVD. STE. 416
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94404
Owner/Operator Telephone:	650-403-2313
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-11-04 00:00:00.0
Handler Name:	LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

M179 **LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS** **RCRA NonGen / NLR** **1026476097**
WSW **307 S. B. ST** **CAC003081885**
1/8-1/4 **SAN MATEO, CA 94401**
0.145 mi.
767 ft. **Site 5 of 23 in cluster M**

Relative: **Higher**
Actual: **31 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-09-01 00:00:00.0
Handler Name:	LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS
Handler Address:	307 S. B. ST
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC003081885
Contact Name:	LA SENDA PROPERTIES LLC & FAIRWAY
Contact Address:	1065 E. HILLSDALE BLVD. STE 416
Contact City,State,Zip:	FOSTER CITY, CA 94404
Contact Telephone:	650-103-2313
Contact Fax:	Not reported
Contact Email:	GISELLE.ESPIRITU@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1065 E. HILLSDALE BLVD. STE 416
Mailing City,State,Zip:	FOSTER CITY, CA 94404
Owner Name:	LA SENDA PROPERTIES LLC & FAIRWAY
Owner Type:	Other
Operator Name:	LA SENDA PROPERTIES LLC & FAIRWAY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS (Continued) **1026476097**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-09-04 15:31:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LA SENDA PROPERTIES LLC & FAIRWAY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 E. HILLSDALE BLVD. STE 416
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94404
Owner/Operator Telephone:	650-103-2313
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LA SENDA PROPERTIES LLC & FAIRWAY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1065 E. HILLSDALE BLVD. STE 416
Owner/Operator City,State,Zip:	FOSTER CITY, CA 94404
Owner/Operator Telephone:	650-103-2313
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS (Continued) **1026476097**

Historic Generators:
Receive Date: 2020-09-01 00:00:00.0
Handler Name: LA SENDA PROPERTIES LLC & FAIRWAY INVESTMENTS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L180 **IZMIRIAN ROOFING & SHEET METAL** **LUST S103894074**
NW **207 CLAREMONT** **SWEEPS UST N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.146 mi.
770 ft. **Site 2 of 6 in cluster L**

Relative:
Higher

Actual:
24 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110070
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: IZMIRIAN ROOFING & SHEET METAL
Address: 207 CLAREMONT
City: SAN MATEO
Status: Not reported
Comp Number: 110168
Number: Not reported

IZMIRIAN ROOFING & SHEET METAL (Continued) **S103894074**

Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110168-000001
Tank Status:	Not reported
Capacity:	300
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	IZMIRIAN ROOFING & SHEET METAL
Address:	207 CLAREMONT
City:	SAN MATEO
Status:	Active
Comp Number:	110168
Number:	1
Board Of Equalization:	Not reported
Referral Date:	11-08-93
Action Date:	11-08-93
Created Date:	07-07-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

O181 **RANDY PAGAN** **RCRA NonGen / NLR** **1024759106**
SE **706 S. DELAWARE** **CAC002978953**
1/8-1/4 **SAN MATEO, CA 94402**
0.149 mi.
786 ft. **Site 1 of 12 in cluster O**

Relative: **Higher**

Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-09-05 00:00:00.0
Handler Name:	RANDY PAGAN	
Handler Address:		706 S. DELAWARE
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAC002978953
Contact Name:		RANDY PAGAN
Contact Address:		706 S. DELAWARE
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		415-531-9466
Contact Fax:		Not reported
Contact Email:		KHOLLINHURST@PACIFICRESOURCERECOVERY.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported

RANDY PAGAN (Continued) **1024759106**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	706 S. DELAWARE
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	RANDY PAGAN
Owner Type:	Other
Operator Name:	RANDY PAGAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

RANDY PAGAN (Continued) **1024759106**

Handler Date of Last Change:	2018-09-05 20:24:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDY PAGAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	706 S. DELAWARE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	415-531-9466
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY PAGAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	706 S. DELAWARE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	415-531-9466
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-09-05 00:00:00.0
Handler Name: RANDY PAGAN	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

RANDY PAGAN (Continued) **1024759106**

Evaluation Action Summary:
Evaluations: No Evaluations Found

K182 **FATHER NOEL & SONS** **SWEEPS UST** **S106798007**
South **616 S RAILROAD AVE** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HAZNET**
0.150 mi. **HWTS**
792 ft. **Site 10 of 15 in cluster K**

Relative:
Higher

Actual:
27 ft.

SWEEPS UST:

Name:	FATHER NOEL & SONS
Address:	616 S RAILROAD AVE
City:	SAN MATEO
Status:	Not reported
Comp Number:	110189
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110189-000001
Tank Status:	Not reported
Capacity:	55
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	1

San Mateo Co. BI:

Name:	FATHER NOEL & SONS
Address:	616 RAILROAD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0015566
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022209
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	FATHER NOEL & SONS
Address:	616 RAILROAD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0017024
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0003460
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	FATHER NOEL & SONS
Address:	616 RAILROAD
City,State,Zip:	SAN MATEO, CA 94401

FATHER NOEL & SONS (Continued) **S106798007**

Region: SAN MATEO
Facility ID: FA0017024
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010662
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

HAZNET:
Name: FATHER NOEL & SONS
Address: 616 S RAILROAD AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944014122
Contact: TERRENCE WINDUST
Telephone: 6503480690
Mailing Name: Not reported
Mailing Address: 461 WISNOM AVE

Year: 2000
Gepaid: CAL000065586
TSD EPA ID: CAD982446874
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.231

Year: 1999
Gepaid: CAL000065586
TSD EPA ID: CAD982446874
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.21

Year: 1998
Gepaid: CAL000065586
TSD EPA ID: CAD982446874
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.231

Year: 1997
Gepaid: CAL000065586
TSD EPA ID: CAD980887418
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.189

Year: 1996
Gepaid: CAL000065586
TSD EPA ID: CAD980887418
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.21

FATHER NOEL & SONS (Continued) **S106798007**

Year:	1995
Gepaid:	CAL000065586
TSD EPA ID:	CAD093459485
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.054

Year:	1993
Gepaid:	CAL000065586
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	0.0275

Additional Info:

Year:	1993
Gen EPA ID:	CAL000065586
Shipment Date:	19930907
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930907
Manifest ID:	92831189
Trans EPA ID:	CAD982438566
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009466392
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAL000065586
Shipment Date:	20000320
Creation Date:	5/23/2000 0:00:00
Receipt Date:	20000323
Manifest ID:	98737083
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446874

FATHER NOEL & SONS (Continued) **S106798007**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982446874
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAL000065586
Shipment Date:	19951027
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951101
Manifest ID:	95484300
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.054
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000065586
Shipment Date:	19981230
Creation Date:	3/15/1999 0:00:00
Receipt Date:	19990105
Manifest ID:	98265634
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446874

FATHER NOEL & SONS (Continued) **S106798007**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000065586
Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960503
Manifest ID:	96238565
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000065586
Shipment Date:	19990820
Creation Date:	10/12/1999 0:00:00
Receipt Date:	19990821
Manifest ID:	99474845
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446874

FATHER NOEL & SONS (Continued) **S106798007**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000065586
Shipment Date:	19971031
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971031
Manifest ID:	96718026
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	FATHER NOEL & SONS
Address:	616 S RAILROAD AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944014122
EPA ID:	CAL000065586
Inactive Date:	06/30/2011
Create Date:	02/24/1992
Last Act Date:	10/26/2011
Mailing Name:	Not reported
Mailing Address:	461 WISNOM AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944010000

FATHER NOEL & SONS (Continued) **S106798007**

Owner Name:	WINDUST TERRENCE
Owner Address:	616 S RAILROAD AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 944010000
Contact Name:	TERRENCE WINDUST
Contact Address:	616 S RAILROAD AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944014122

NAICS:

EPA ID:	CAL000065586
Create Date:	2002-03-14 16:36:27.000
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1992-02-24 00:00:00
Inactive Date:	2011-06-30 00:00:00
Facility Name:	FATHER NOEL & SONS
Facility Address:	616 S RAILROAD AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944014122

L183 **USAGI** **San Mateo Co. BI** **S123183077**
NW **505 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.151 mi.
796 ft. **Site 3 of 6 in cluster L**

Relative: San Mateo Co. BI:
Higher

Name:	USAGI
Address:	505 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050725
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0070438
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Actual:
24 ft.

M184 **PEETS COFFEE & TEA** **San Mateo Co. BI** **S123181960**
West **255 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.151 mi.
796 ft. **Site 6 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher

Name:	PEETS COFFEE & TEA
Address:	255 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0029149
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069474

Actual:
31 ft.

PEETS COFFEE & TEA (Continued) **S123181960**

Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

L185 **2ND AVE MARKET** **San Mateo Co. BI** **S123182818**
NW **503 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.152 mi.
800 ft. **Site 4 of 6 in cluster L**

Relative: **Higher**
Actual: **24 ft.**

San Mateo Co. BI:
Name: 2ND AVE MARKET
Address: 503 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047908
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069599
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

L186 **2ND AVE MARKET** **San Mateo Co. BI** **S123183340**
NW **503 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.152 mi.
800 ft. **Site 5 of 6 in cluster L**

Relative: **Higher**
Actual: **24 ft.**

San Mateo Co. BI:
Name: 2ND AVE MARKET
Address: 503 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0053038
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0073598
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

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187 **METROPOLITAN APARTMENTS** **LUST** **S106966991**
NNE **337/338 S FREMONT ST** **N/A**
1/8-1/4 **SAN MATEO, CA**
0.152 mi.
803 ft.

Relative: **Lower**
Actual: **18 ft.**

SAN MATEO CO. LUST:
Name: METROPOLITAN APARTMENTS
Address: 337/338 S FREMONT ST
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 119152
Facility Status: 9- Case Closed
Global ID: T0608139308
APN Number: 033164160 and 033162170

METROPOLITAN APARTMENTS (Continued) **S106966991**

Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

N188 **STANDARD BRANDS PAINT-39** **HIST UST** **S118415633**
NNE **800 E THIRD STREET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.154 mi.
813 ft. **Site 2 of 3 in cluster N**

Relative: HIST UST:
Lower
Actual: Name: STANDARD BRANDS PAINT-39
18 ft. Address: 800 E THIRD STREET
City,State,Zip: SAN MATEO, CA 94401
File Number: 0002C324
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C324.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

N189 **STANDARD BRANDS PAINT-#39** **HIST UST** **U001596015**
NNE **800 E 3RD AVE** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.154 mi.
813 ft. **Site 3 of 3 in cluster N**

Relative: HIST UST:
Lower
Actual: Name: STANDARD BRANDS PAINT-#39
18 ft. Address: 800 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94401
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000003322
Facility Type: Other
Other Type: RETAIL PAINT
Contact Name: EARL LEWIS
Telephone: 4153431617
Owner Name: STANDARD BRANDS PAINT COMPANY

STANDARD BRANDS PAINT-#39 (Continued) **U001596015**

Owner Address:	4300 W. 190TH STREET
Owner City,St,Zip:	TORRANCE, CA 90509
Total Tanks:	0001
Tank Num:	001
Container Num:	SBP-039-1
Year Installed:	1971
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	3/8
Leak Detection:	Stock Inventor

P190 **WARD ANDERSON TRUSTEE** **San Mateo Co. BI** **S106981478**
SW **400 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.155 mi.
816 ft. **Site 1 of 15 in cluster P**

Relative: San Mateo Co. BI:
Higher

Name:	WARD ANDERSON TRUSTEE
Address:	400 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016694
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022162
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Actual:
33 ft.

P191 **WARD ANDERSON TRUSTEE** **SWEEPS UST** **S101593777**
SW **400 S B ST** **CA FID UST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.155 mi.
816 ft. **Site 2 of 15 in cluster P**

Relative: SWEEPS UST:
Higher

Name:	WARD ANDERSON TRUSTEE
Address:	400 S B ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110103
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported

Actual:
33 ft.

WARD ANDERSON TRUSTEE (Continued) **S101593777**

Number Of Tanks: 0

CA FID UST:
Facility ID: 41000500
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 407 S B ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN MATEO 94401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

L192 **KOKKO** **San Mateo Co. BI** **S123182166**
NW **509 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.155 mi.
820 ft. **Site 6 of 6 in cluster L**

Relative: San Mateo Co. BI:
Higher
Name: KOKKO
Actual: Address: 509 2ND
23 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0032810
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069602
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M193 **B STREET & VINE** **San Mateo Co. BI** **S123182139**
WSW **320 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.159 mi.
840 ft. **Site 7 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher
Name: B STREET & VINE
Actual: Address: 320 B
32 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0030671
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069524
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M194 **NORTH BEACH PIZZA** **San Mateo Co. BI** **S123179616**
West **240 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.160 mi.
843 ft. **Site 8 of 23 in cluster M**

Relative: **Higher**
Actual: **32 ft.**

San Mateo Co. BI:

Name:	NORTH BEACH PIZZA
Address:	240 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001782
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069454
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

M195 **JSR KARP 6, LIMITED PARTNERSHIP** **RCRA NonGen / NLR** **1026713658**
WSW **318 SOUTH B STREET** **CAC003101981**
1/8-1/4 **SAN MATEO, CA 94401**
0.160 mi.
845 ft. **Site 9 of 23 in cluster M**

Relative: **Higher**
Actual: **32 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2021-01-21 00:00:00.0
Handler Name:	JSR KARP 6, LIMITED PARTNERSHIP
Handler Address:	318 SOUTH B STREET
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC003101981
Contact Name:	RONALD M KARP
Contact Address:	1209 BURLINGAME AVE
Contact City,State,Zip:	BURLINGAME, CA 94010
Contact Telephone:	650-348-3055
Contact Fax:	650-342-1121
Contact Email:	RONALDKARP@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1209 BURLINGAME AVE
Mailing City,State,Zip:	BURLINGAME, CA 94010
Owner Name:	BURLINGAME EVANS
Owner Type:	Other
Operator Name:	RONALD M KARP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

JSR KARP 6, LIMITED PARTNERSHIP (Continued) **1026713658**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2021-02-26 18:44:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BURLINGAME EVANS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1209 BURLINGAME AVE
Owner/Operator City,State,Zip:	BURLINGAME, CA 94010

JSR KARP 6, LIMITED PARTNERSHIP (Continued) **1026713658**

Owner/Operator Telephone: 650-348-3055
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RONALD M KARP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1209 BURLINGAME AVE
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: 650-348-3055
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2021-01-21 00:00:00.0
Handler Name: JSR KARP 6, LIMITED PARTNERSHIP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O196 **SAN MATEO TRANSMISSION CENTER** **SWEEPS UST S101593953**
SSE **707 S CLAREMONT ST** **CA FID UST N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.161 mi.
849 ft. **Site 2 of 12 in cluster O**

Relative:
Higher

Actual:
22 ft.

SWEEPS UST:
Name: SAN MATEO TRANSMISSION CENTER
Address: 707 S CLAREMONT ST
City: SAN MATEO
Status: Active
Comp Number: 110106
Number: 9
Board Of Equalization: Not reported

SAN MATEO TRANSMISSION CENTER (Continued) **S101593953**

Referral Date:	04-12-94
Action Date:	04-12-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-110106-000001
Tank Status:	A
Capacity:	550
Active Date:	04-12-94
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	1

CA FID UST:

Facility ID:	41003508
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	707 S CLAREMONT ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94402
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

O197 **HILLSDALE TRANSMISSION** **RCRA NonGen / NLR** **1024809338**
SSE **707 S CLAREMONT ST** **CAL000284136**
1/8-1/4 **SAN MATEO, CA 94402**
0.161 mi.
849 ft. **Site 3 of 12 in cluster O**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2004-07-07 00:00:00.0
Handler Name:	HILLSDALE TRANSMISSION	
Handler Address:		707 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94402-1435
EPA ID:		CAL000284136
Contact Name:		RICHARD AMOS
Contact Address:		707 S CLAREMONT ST
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		650-347-3707
Contact Fax:		650-347-3711
Contact Email:		ZACKNKAYE@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

HILLSDALE TRANSMISSION (Continued) **1024809338**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	707 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-1435
Owner Name:	RICHARD AMOS
Owner Type:	Other
Operator Name:	RICHARD AMOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:25:51.0

HILLSDALE TRANSMISSION (Continued) **1024809338**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICHARD AMOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	707 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-347-3707
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICHARD AMOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	707 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402-1435
Owner/Operator Telephone:	650-347-3707
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-07-07 00:00:00.0
Handler Name: HILLSDALE TRANSMISSION	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811113
NAICS Description:	AUTOMOTIVE TRANSMISSION REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

HILLSDALE TRANSMISSION (Continued) **1024809338**

Evaluation Action Summary:
Evaluations: No Evaluations Found

O198 **HILLSDALE TRANSMISSION** **CERS HAZ WASTE** **S121741130**
SSE **707 S CLAREMONT AVE** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.161 mi.
849 ft. **Site 4 of 12 in cluster O**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: HILLSDALE TRANSMISSION
Address: 707 S CLAREMONT AVE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 122685
CERS ID: 10068955
CERS Description: Hazardous Waste Generator

CERS:
Name: HILLSDALE TRANSMISSION
Address: 707 S CLAREMONT AVE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 122685
CERS ID: 10068955
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-16-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 07/17/2018. The used oil tank has one open port. The used filters (transmission) are currently open. Provide a lid and label. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-16-2018
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 07/17/2018. Metal used oil filters are collected in an open 5 gallon bucket. Keep bucket closed and properly labeled with the contents and an accumulation start date. Provide evidence of correction to Env. Health within 30 days.

HILLSDALE TRANSMISSION (Continued) **S121741130**

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-20-2016
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 07/20/2016. Emergency Procedures posting put up on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-16-2018
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 07/17/2018. Post the emergency coordinator phone numbers near the facility phone. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-25-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent.
Violation Notes: Returned to compliance on 08/01/2016. Provide a copy (to Env. Health) of the completed letter to the property owner within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-16-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material

HILLSDALE TRANSMISSION (Continued) **S121741130**

	inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/17/2018. An extra container for the propane (forklift) is on site. Submit an inventory item for the propane which exceeds 200 CF. Submit updated HMBP within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-16-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 07/17/2018. No record could be located during the inspection. Provide a copy of the completed record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	01-28-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVED: Filters are collected for draining in a small 15 gallon container. A 55 gallon drum is labeled "hazardous waste" and "metal" filters. Various metal and non-metal filter elements are placed in the drum. REQUIRED ACTION: 1. Label the 15 gallon container as hazardous waste if you continue to store them here. 2. The 55 gallon drum, where the filters ultimately end up in is labeled hazardous waste metal oil filters. You may need to remove the "Metal only" part of the label. Submit a picture of the corrected labels to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-20-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or

HILLSDALE TRANSMISSION (Continued) **S121741130**

	business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/25/2016. Add oily water to the chemical inventory.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-16-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 07/24/2018. EPA ID is inactive. Submit the EVQ at https://evq.dtsc.ca.gov/Home.aspx to reactivate it. Complete this online form annually to avoid inactivation. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-16-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 07/17/2018. A copy of the HMBP could not be located during the inspection. Keep this document accessible. Submit evidence the plan is on site to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	04-02-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 04/25/2015. Adding NOV to facility that was sent out 4/10/15 and entering in Envision. Comply by date for this issue is 4/27/15. HMBP Submitted 4/25/2015
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	122685

HILLSDALE TRANSMISSION (Continued) **S121741130**

Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-16-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/13/2018. No record of training could be located on site. Submit a copy of the completed training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-20-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 08/04/2016. EPA ID is currently inactive, but can be reactivated using form 1358, provided today.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-25-2016
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 01/23/2017. Oily water has been collected on site for over 180 days. Have oily water waste manifested and provide a copy to the Env. Health office within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	122685
Site Name:	HILLSDALE TRANSMISSION
Violation Date:	07-20-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened

HILLSDALE TRANSMISSION (Continued) **S121741130**

release of a hazardous material.

Violation Notes: Returned to compliance on 07/25/2016. Update chemical handler page of emergency response contingency plan.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-16-2018
Citation: HSC 6.5 25123.3(h) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isnG t received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isnG t received within 60 days of the date the waste was accepted by the initial transporter.
Violation Notes: Returned to compliance on 11/19/2018. Verify that manifest 018044048JJK TSDF copy of the manifest is on site or send an exception report to DTSC. Submit evidence or a statement of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-20-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/25/2016. Label oily water tote. Update the date on the used oil tank.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Violation Date: 07-16-2018
Citation: 22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description: Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes: Returned to compliance on 09/25/2018. Send a copy of the November oil paper filters manifest to the state within 30 days. Submit evidence of correction to Env. Health. Send to: DTSC Generator Manifests P.O. Box 400 Sacramento, CA 95812-0400
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

HILLSDALE TRANSMISSION (Continued) **S121741130**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	G Modified virtual inspection procedures used. Met with Rick using Facetime. G Scope of the inspection: List of Areas/Building Inspected. G Areas where waste is generated and located: . G Facility operations: Retail. Spilled, expired, returned products generated as hazardous waste. RECORDS: G EPA ID active: https://hwts.dtsc.ca.gov/facility/CAL000284136 G EVQ Completed in 2020 G Training: G SQG Training; Training typically reviewed monthly. G UW Training: Required for those who handle universal waste. G Manifests G 3 years of records available: G Sent to DTSC within 30 days: ? Address: DTSC Generator Manifests Department of Toxic Substances Control P.O. Box 400 Sacramento, CA- 95812-0400 Verify that tis is being done. G Filled out properly: Please verify the proper description for transmission filters with your waste hauler. Currently listed das metal filters on the manifest. G Hauler/transporter: Cleantech Env. [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-02-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-02-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health

HILLSDALE TRANSMISSION (Continued) **S121741130**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-26-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted certified plan.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted certified plan with minor comments remaining.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP last submitted 6/23/18. Accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Submit EVQ to reactivate EPA ID. Submit uniform hazardous waste manifest with to Env. Health. Note the date it was sent to DTSC. If the manifest was never received, submit the exception report to DTSC.
Eval Division: San Mateo County Environmental Health
Eval Program: HW

HILLSDALE TRANSMISSION (Continued) **S121741130**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-17-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Submit training record to Env. Health by the comply by date.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-19-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-25-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility hazardous waste return to compliance reviewed. EPA ID number form filled out and faxed to DTSC. The EPA ID number will be checked online to confirm reactivation. Oily water Haz Waste label put onto oily water tote. Waste in tote must be picked up and stay within the 180 day time limit from the accumulation start date going forward. Provide a copy of the manifest to Env. Health when the pickup is completed.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-25-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency

HILLSDALE TRANSMISSION (Continued) **S121741130**

Eval Notes:	Training program documentation and HMBP inventory updated while on site. Remaining issue to be closed is the notification to property owner.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-30-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted requested updates.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility sent a copy of the uniform hazardous waste manifest to the state. They are working with CleanTech to get a copy of their final manifest. Submit a copy of the final manifest to Env. Health for evidence of correction of the violation. Going forward you need only send a copy to DTSC Generator Manifests address.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Property owner notification documented.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Waste oily water picked up on 1/23/17 - violation corrected.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	G Modified virtual inspection procedures used. Met with Rick using Facetime. G Last submitted: 1/26/21 G Changes to facility: No significant changes. G Copy of plan on site: yes. G Activities: ok G Owner Operator Page: - Property Owner Notification: Property owner notification sent out again, though no changes to property owner. G Inventory changes: None noted G Contingency plan: no issues. G

HILLSDALE TRANSMISSION (Continued) **S121741130**

Training Plan: 3 people completed the training in March 2020 (for all employees on site). G Training Record: Observed for 2020 and previous years today. G Map required items reviewed: G north orientation, G loading areas, internal roads, G adjacent streets, G storm and sewer drains. None observed on the street, nearby. G access and exit points, G emergency shutoffs, G evacuation staging areas, G Haz. material handling and storage areas, G emergency response equipment (Spill kit, Fire ext., first aid kit, eyewash)

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 122685
Site Name: HILLSDALE TRANSMISSION
Site Address: 707 S CLAREMONT AVE
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 04-02-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 707 S CLAREMONT STREET
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Kaye Amos
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Kaye Amos
Entity Title: Secretary/Corp.Secretary
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HILLSDALE TRANSMISSION (Continued) **S121741130**

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Richard Amos
Entity Title:	Not reported
Affiliation Address:	707 S. Claremont St
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	AMOS, RICHARD
Entity Title:	Not reported
Affiliation Address:	707 CLAREMONT STREET
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 347-3707

Affiliation Type Desc:	Operator
Entity Name:	Richard Amos
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 576-7389

Affiliation Type Desc:	Parent Corporation
Entity Name:	HILLSDALE TRANSMISSION
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

O199 **SAN MATEO TRANSMISSION CTR** **San Mateo Co. BI** **S106798049**
SSE **707 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.161 mi.
849 ft. **Site 5 of 12 in cluster O**

Relative: **Higher**

Actual: **22 ft.**

San Mateo Co. BI:

Name:	SAN MATEO TRANSMISSION CTR
Address:	707 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016973
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022165
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	SAN MATEO TRANSMISSION CTR
Address:	707 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016973
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024063
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	SAN MATEO TRANSMISSION CTR
Address:	707 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016973
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003276
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SAN MATEO TRANSMISSION#022814
Address:	707 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0022814
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0025572
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	HILLSDALE TRANSMISSION
Address:	707 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0028505
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0047420
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT

SAN MATEO TRANSMISSION CTR (Continued) **S106798049**

Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: HILLSDALE TRANSMISSION
Address: 707 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028505
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068823
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: HILLSDALE TRANSMISSION
Address: 707 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0028505
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0047419
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

M200 **LITTLE CHINA KITCHEN** **San Mateo Co. BI** **S123180108**
West **215 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.161 mi.
851 ft. **Site 10 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher
Actual: Name: LITTLE CHINA KITCHEN
32 ft. Address: 215 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0007923
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069403
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M201 **GANGNAM CHICKEN** **San Mateo Co. BI** **S123183277**
West **213 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.162 mi.
853 ft. **Site 11 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher
Actual: Name: GANGNAM CHICKEN
32 ft. Address: 213 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052497
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE

GANGNAM CHICKEN (Continued) **S123183277**

Record Id: PR0072794
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

P202 **SPIEDO RESTAURANT** **San Mateo Co. BI** **S123180182**
WSW **223 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.162 mi.
854 ft. **Site 3 of 15 in cluster P**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:
Name: SPIEDO RESTAURANT
Address: 223 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0009586
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069431
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Q203 **007 MOTORSPORT** **San Mateo Co. BI** **S108723995**
South **704 RAILROAD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.162 mi.
855 ft. **Site 1 of 11 in cluster Q**

Relative: **Higher**
Actual: **25 ft.**

San Mateo Co. BI:
Name: 007 MOTORSPORT
Address: 704 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035318
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0053139
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: 007 MOTORSPORT
Address: 704 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035318
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0053140
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: 007 MOTORSPORT
Address: 704 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

007 MOTORSPORT (Continued) **S108723995**

Facility ID: FA0035318
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068863
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

R204 **HANSON TECH** **SWEEPS UST** **S103978768**
WNW **412 2ND** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN MATEO, CA 94403**
0.162 mi.
857 ft. **Site 1 of 13 in cluster R**

Relative: Higher
Actual: 28 ft.

SWEEPS UST:
Name: Not reported
Address: 412 2ND AVE
City: SAN MATEO
Status: Not reported
Comp Number: 110173
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110173-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

San Mateo Co. BI:
Name: ND AUTO CARE INC
Address: 412 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0010323
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010775
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ND AUTO CARE INC
Address: 412 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0010323
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003420
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

HANSON TECH (Continued) **S103978768**

Name: HANSON TECH
Address: 412 2ND
City,State,Zip: SAN MATEO, CA 94403
Region: SAN MATEO
Facility ID: FA0013500
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022194
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: T W AUTOMOTIVE LLC
Address: 412 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035210
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0053041
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: T W AUTOMOTIVE LLC
Address: 412 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035210
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0053042
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: T W AUTOMOTIVE LLC
Address: 412 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035210
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068861
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

R205 **T W AUTOMOTIVE LLC** **CERS HAZ WASTE** **S121791273**
WNW **412 2ND AVE** **HAZNET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.162 mi. **HWTS**
857 ft. **Site 2 of 13 in cluster R**

Relative:
Higher

Actual:
28 ft.

CERS HAZ WASTE:
Name: T W AUTOMOTIVE LLC
Address: 412 2ND AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 73132
CERS ID: 10070053
CERS Description: Hazardous Waste Generator

T W AUTOMOTIVE LLC (Continued) **S121791273**

HAZNET:

Name:	T W AUTOMOTIVE LLC
Address:	412 2ND AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944010000
Contact:	WILLIAM KYAUK
Telephone:	6507733004
Mailing Name:	Not reported
Mailing Address:	412 2ND AVE
Year:	2019
Gepaid:	CAL000320047
TSD EPA ID:	AZR000521146
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05000
Year:	2018
Gepaid:	CAL000320047
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02000

CERS:

Name:	T W AUTOMOTIVE LLC
Address:	412 2ND AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	73132
CERS ID:	10070053
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it

T W AUTOMOTIVE LLC (Continued) **S121791273**

has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 10/22/2018. Approximately 8x55 gallon metal drums were collecting on site. They formerly held motor oil but had been empty. They were not marked with the words "empty" and the empty date. Corrective Action: Mark containers (as noted above) and have them properly recycled, re-used, or picked up by your hazardous waste hauler within 30 days or within one year of the empty date. DTSC provides a fact sheet on empty container management, for reference.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 73132
Site Name: T W AUTOMOTIVE LLC
Violation Date: 09-14-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 09/14/2016. Waste oil filters, used oil, and waste antifreeze drums closed during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 73132
Site Name: T W AUTOMOTIVE LLC
Violation Date: 09-14-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/08/2018. Please add the 55 gallon drum of waste antifreeze, update used oil to 500 gallons, and consider putting the used oil filters (2 drums) in the HMBP inventory. Current inventory is has a slightly lower quantity for oil. Submit the updates within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 73132
Site Name: T W AUTOMOTIVE LLC
Violation Date: 09-14-2016
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.

T W AUTOMOTIVE LLC (Continued) **S121791273**

Violation Notes:	Returned to compliance on 09/14/2016. Emergency procedures form posted today.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: G Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. G Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. G The generator complies with section 66265.171, 66265.172, and 66265.173(a). G The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words G Hazardous WasteG including specified information G Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a G 90 dayG accumulation area G 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 10/16/2018. Waste paper oil filters have been collecting since 9/1/2016. The facility is required to have this hazardous waste picked either every 180 days (or 365 days maximum if only 1 55 gallon drum is collected at a point of generation in the shop). Submit a copy of the completed pickup record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/14/2016. Waste antifreeze label was corrected on site. Waste cardboard oil filters start date corrected on site. Continue to monitor used oil drum labels.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC

T W AUTOMOTIVE LLC (Continued) **S121791273**

Violation Date:	09-14-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 10/22/2018. Please provide a way to access a copy of your plan at all times. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 10/16/2018. The lid for the waste paper filters drum was not in place during the inspection. There was also a small drum for collecting used oil filters (both kinds) which was open. Corrective Action: Properly close all containers (listed above) and submit evidence of correction to Env. Health within 30 days. Provide a clear picture or request a re-inspection to close this violation. s drum was not in place during the inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 11/16/2016. Send completed employee training documentation or roster to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste",

T W AUTOMOTIVE LLC (Continued) **S121791273**

	name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/19/2018. 4x55 gallon drums of used oil and one 55 gallon drum of waste antifreeze did not have a completed hazardous waste label or markings on the container. Ensure that all required wording is included on each container. Corrective Action: Update all container labels (listed above) and submit evidence of correction to Env. Health within 30 days. Provide a clear picture or request a re-inspection to close this violation.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 10/16/2018. The drum of metal used oil filters was not properly closed during the inspection. There was also a small drum for collecting used oil filters (both kinds) which was open. Corrective Action: Properly close all containers (listed above) and submit evidence of correction to Env. Health within 30 days. Provide a clear picture or request a re-inspection to close this violation.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/16/2018. No record of training available during the inspection. Submit a copy of the training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	73132
Site Name:	T W AUTOMOTIVE LLC
Violation Date:	09-14-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 10/22/2018. A copy of this form could not be

T W AUTOMOTIVE LLC (Continued) **S121791273**

located during the inspection. Submit a copy to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted.

T W AUTOMOTIVE LLC (Continued) **S121791273**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Deleted a number of certified duplicates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 4 x 55 gallon drums used oil. 55 gallon drum waste antifreeze 55 gallon drum used metal filters 55 gallon drum waste paper filters.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP last submitted July, 2018.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-18-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP reviewed and Rejected. Inventory updates incomplete.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

T W AUTOMOTIVE LLC (Continued) **S121791273**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-19-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updated HMBP.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-21-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed corrections. Declined, missing waste antifreeze.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Submission reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	All hazardous waste violation previously cited are now corrected and closed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	All hazardous waste violation previously cited are now corrected and closed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-30-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

T W AUTOMOTIVE LLC (Continued) **S121791273**

Coordinates:

Site ID:	73132
Facility Name:	T W AUTOMOTIVE LLC
Env Int Type Code:	HWG
Program ID:	10070053
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.566984
Longitude:	-122.322121

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	William Kyauk
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Document Preparer
Entity Name:	William Kyauk
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	412 2ND AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	KYAUK, WILLIAM
Entity Title:	Not reported
Affiliation Address:	412 2ND AVE
Affiliation City:	SAN MATEO

T W AUTOMOTIVE LLC (Continued) **S121791273**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94401
Affiliation Phone: (650) 342-2730

Affiliation Type Desc: Parent Corporation
Entity Name: T W AUTOMOTIVE LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: William Kyauk
Entity Title: Not reported
Affiliation Address: 412 2nd Ave
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94401
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: T W AUTOMOTIVE LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 342-2730

Affiliation Type Desc: Property Owner
Entity Name: Harvey Fong
Entity Title: Not reported
Affiliation Address: 1583 El Camino Real
Affiliation City: Milbrae
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94030
Affiliation Phone: (650) 302-8869

HWTS:
Name: T W AUTOMOTIVE LLC
Address: 412 2ND AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94401
EPA ID: CAL000320047
Inactive Date: Not reported
Create Date: 05/25/2007
Last Act Date: 10/11/2020
Mailing Name: Not reported
Mailing Address: 412 2ND AVE

T W AUTOMOTIVE LLC (Continued) **S121791273**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944010000
Owner Name:	WILLIAM KYAUK
Owner Address:	412 2ND AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 944010000
Contact Name:	WILLIAM KYAUK
Contact Address:	2505 HOPKINS AVE
Contact Address 2:	Not reported
City,State,Zip:	REDWOOD CITY, CA 94062

NAICS:

EPA ID:	CAL000320047
Create Date:	2007-05-25 13:41:37.543
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2007-05-25 13:41:37.51300
Inactive Date:	Not reported
Facility Name:	T W AUTOMOTIVE LLC
Facility Address:	412 2ND AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94401

R206 **T W AUTOMOTIVE LLC** **RCRA NonGen / NLR** **1024816980**
WNW **412 2ND AVE** **CAL000320047**
1/8-1/4 **SAN MATEO, CA 94401**
0.162 mi.
857 ft. **Site 3 of 13 in cluster R**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-05-25 00:00:00.0
Handler Name:	T W AUTOMOTIVE LLC	
Handler Address:		412 2ND AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000320047
Contact Name:		WILLIAM KYAUK
Contact Address:		2505 HOPKINS AVE
Contact City,State,Zip:		REDWOOD CITY, CA 94062
Contact Telephone:		650-773-3004
Contact Fax:		650-342-2930
Contact Email:		TWAUTOMOTIVE@ATT.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		412 2ND AVE
Mailing City,State,Zip:		SAN MATEO, CA 94401-0000
Owner Name:		WILLIAM KYAUK

T W AUTOMOTIVE LLC (Continued) **1024816980**

Owner Type:	Other
Operator Name:	WILLIAM KYAUK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:29:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

T W AUTOMOTIVE LLC (Continued) **1024816980**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: WILLIAM KYAUK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2505 HOPKINS AVE
Owner/Operator City,State,Zip: REDWOOD CITY, CA 94062
Owner/Operator Telephone: 650-773-3004
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WILLIAM KYAUK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 412 2ND AVE
Owner/Operator City,State,Zip: SAN MATEO, CA 94401-0000
Owner/Operator Telephone: 650-342-2730
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2007-05-25 00:00:00.0
Handler Name: T W AUTOMOTIVE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

R207 **RESIDENT** **CA FID UST** **S101593899**
WNW **412 2ND AVE.** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.162 mi.
857 ft. **Site 4 of 13 in cluster R**

Relative:
Higher

Actual:
28 ft.

CA FID UST:

Facility ID:	41002320
Regulated By:	UTNKI
Regulated ID:	CAC000816
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	620 EL CAMINO REAL
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94402
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

O208 **THE HAWKINS CO** **CERS HAZ WASTE** **1006823593**
SSE **713 SO CLAREMONT ST** **FINDS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402** **EMI**
0.163 mi. **CERS**
861 ft. **Site 6 of 12 in cluster O**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	PENINSULA PUMP & EQUIPMENT INC
Address:	713 S CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	519868
CERS ID:	10508395
CERS Description:	Hazardous Waste Generator

FINDS:

Registry ID: 110013821631

Click Here:

Environmental Interest/Information System:
HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

EMI:

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752

THE HAWKINS CO (Continued) **1006823593**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2000
County Code:	41
Air Basin:	SF

THE HAWKINS CO (Continued) **1006823593**

Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402

THE HAWKINS CO (Continued) **1006823593**

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.192
Reactive Organic Gases Tons/Yr:	0.192
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.192
Reactive Organic Gases Tons/Yr:	.192
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.25
Reactive Organic Gases Tons/Yr:	.25
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

THE HAWKINS CO (Continued) **1006823593**

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.25
Reactive Organic Gases Tons/Yr:	.25
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.25
Reactive Organic Gases Tons/Yr:	.25
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	THE HAWKINS CO
Address:	713 SO CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94402
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	10943
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.25
Reactive Organic Gases Tons/Yr:	0.25
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

THE HAWKINS CO (Continued) **1006823593**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: THE HAWKINS CO
Address: 713 SO CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Year: 2010
County Code: 41
Air Basin: SF
Facility ID: 10943
Air District Name: BA
SIC Code: 2752
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.25
Reactive Organic Gases Tons/Yr: 0.25
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: THE HAWKINS CO
Address: 713 SO CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 10943
Air District Name: BA
SIC Code: 2752
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.25
Reactive Organic Gases Tons/Yr: 0.25
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

CERS:
Name: THE HAWKINS CO
Address: 713 SO CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402-1435
Site ID: 498554
CERS ID: 110013821631
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: PENINSULA PUMP & EQUIPMENT INC
Address: 713 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Site ID: 519868
CERS ID: 10508395
CERS Description: Chemical Storage Facilities

THE HAWKINS CO (Continued) **1006823593**

Violations:

Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	08-01-2018
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 08/02/2018. Locate a copy of the consolidated manifests for used oil (last picked up 8/2017). Submit a copy to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	08-01-2018
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 08/27/2018. Fire extinguishers were last certified 4/12/16. Have fire extinguishers annually certified. Provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	02-11-2021
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	OBSERVATION: Fire extinguisher last certified 11/25/19. REQUIRED ACTION: Submit evidence (picture of the new tag) that the fire extinguisher was annually certified by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	08-01-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

THE HAWKINS CO (Continued) **1006823593**

Violation Notes:	Returned to compliance on 08/01/2018. EPA ID number CAL000395643 was inactive 6/30/17. Submit the questionnaire at https://evq.dtsc.ca.gov/Home.aspx to have your EPA ID number reactivated. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	10-02-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 10/02/2018. Minor corrections reviewed and submitted during the inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	02-11-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	UNDETERMINED: OBSERVATION: Accumulation start date is currently marked from the last pick-up in 2017. REQUIRED ACTION: Provide evidence a pick-up has occurred within the last 180 days, or verify the accumulation standard you will be using. Submit a response to Env. Health by 3/13/21.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	02-11-2021
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	OBSERVED: No training record for the last year was able to be located today. REQUIRED ACTION: Submit a completed training record to Env. Health by the comply by date.

THE HAWKINS CO (Continued) **1006823593**

Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	08-02-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 09/12/2016. 1358 provided today.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	02-17-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/21/2017. No documentation of training yet completed for the HMBP. Complete and submit to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	08-02-2016
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 09/14/2016. Emergency procedures form provided today. Post in the shop and provide evidence of completion to Env. Health.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	10-02-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a

THE HAWKINS CO (Continued) **1006823593**

	hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/05/2018. No 2018 training record available. Submit a copy of the completed HMBP training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519868
Site Name:	PENINSULA PUMP & EQUIPMENT INC
Violation Date:	02-17-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/17/2017. Plan completed and submitted. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	G Modified inspection procedure used. Met with Mark Victory on site. G Scope of the inspection: indoor shop. G Areas where waste is generated and located: Inside shop. G Facility operations: Repair of pumps and related systems. RECORDS: G EPA ID: Active - https://hwts.dtsc.ca.gov/facility/CAL000395643 G EVQ 2020 completed. G Training: Continue to conduct training on hazardous waste management with employees. G Manifests: No uniform HW manifest. Only consolidated manifests for used oil. G Non-RCRA waste: Used oil 5-35 gal/year, last picked up approx. 2017. Please send a copy of the record to Env. Health by 3/13/21. G RCRA Waste: None observed. G Waste determination may be required: G Coolant from machines may be hazardous waste when/if changed. Note this may also be reportable if it is 55 gallons. G Metal machining waste: Metal- shavings with sizes of 100- microns- or larger can be managed as- scrap metal- for recycling.- Metal shavings/dusts [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Modified inspection procedures used. Met with Mark Victory on site. HMBP Last submitted 8/22/20. Contacts / Activities accurate / comments: Emergency contacts verified. Training record / plan comments: No training record for the last year was able to be located today. Submit a completed training record to Env. Health by the comply by date. Contingency plan accurate / complete comments: No changes.

THE HAWKINS CO (Continued) **1006823593**

	Map accurate / complete: No changes. Inventory comments: Minor correction noted for the propane to liquid, gallons on the last plan check. Please resubmit plan to certify that correction. Recommend changing it to approx. 40 gallons due to the one 100 lbs propane and estimating 2x33pound forklift cylinders. That is a total of 1402 cubic feet or about 40 gallons. Propane storage indicates facility should likely be in program 2161 on the next evaluation.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP completed and submitted during the inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	accepted
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted with a comment about correcting propane entry to liquid.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Initial inspection of a "new" business.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-01-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mark V. was not available during the inspection. Recommend separating the oxygen and acetylene when in storage. Hazardous waste on site: 30 gallon used oil drum partially full. Approximately 1-2 drums per year.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

THE HAWKINS CO (Continued) **1006823593**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-02-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Accumulation start date corrected on site.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-27-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Stopped by facility to see if Mark V. was available for the HMBP inspection. Mark was not on site, however, the fire extinguisher violation was corrected.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-31-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Plan accepted with administrative corrections.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-02-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Submission reviewed and accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	519868
Facility Name:	PENINSULA PUMP & EQUIPMENT INC
Env Int Type Code:	HMBP
Program ID:	10508395
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.563890
Longitude:	-122.317760

THE HAWKINS CO (Continued) **1006823593**

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Mark Victory
Entity Title:	Not reported
Affiliation Address:	713 s claremont st
Affiliation City:	san mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	713 S CLAREMONT ST
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Mark Victory
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	VICTORY, MARK
Entity Title:	Not reported
Affiliation Address:	713 S CLAREMONT ST
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 343-1940

Affiliation Type Desc:	Operator
Entity Name:	Peninsula Pump & Equipment Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 343-1940

Affiliation Type Desc:	Parent Corporation
Entity Name:	PENINSULA PUMP & EQUIPMENT INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

THE HAWKINS CO (Continued) **1006823593**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Document Preparer
Entity Name:	Mark Victory
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

O209 **HAWKINS CO** **San Mateo Co. BI** **S106798652**
SSE **713 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.163 mi.
861 ft. **Site 7 of 12 in cluster O**

Relative: **Higher**

Actual: **22 ft.**

San Mateo Co. BI:

Name:	HAWKINS CO
Address:	713 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0024332
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0028936
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	HAWKINS CO
Address:	713 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0024332
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0028935
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	HANSONS MERCEDES TECHNOLOGY
Address:	713 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO

HAWKINS CO (Continued) **S106798652**

Facility ID: FA0055225
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0076165
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: HANSONS MERCEDES TECHNOLOGY
Address: 713 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0055225
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0076164
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: HANSONS MERCEDES TECHNOLOGY
Address: 713 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0055225
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0087605
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: PENINSULA PUMP & EQUIPMENT INC
Address: 713 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0055226
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0076168
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PENINSULA PUMP & EQUIPMENT INC
Address: 713 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0055226
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0084171
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: PENINSULA PUMP & EQUIPMENT INC
Address: 713 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0055226
Prog Element Code: GENERATES <27 GAL/YEAR

HAWKINS CO (Continued) **S106798652**

Record Id:	PR0076167
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

O210 **EV AUTO SERVICE** **San Mateo Co. BI** **S125911109**
SSE **713 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.163 mi.
861 ft. **Site 8 of 12 in cluster O**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:

Name:	EV AUTO SERVICE
Address:	713 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0067333
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0090575
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

O211 **PENINSULA PUMP & EQUIPMENT** **RCRA NonGen / NLR** **1024843811**
SSE **713 S CLAREMONT ST** **CAL000395643**
1/8-1/4 **SAN MATEO, CA 94402**
0.163 mi.
861 ft. **Site 9 of 12 in cluster O**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2014-04-09 00:00:00.0
Handler Name:	PENINSULA PUMP & EQUIPMENT
Handler Address:	713 S CLAREMONT ST
Handler City,State,Zip:	SAN MATEO, CA 94402
EPA ID:	CAL000395643
Contact Name:	MARK VICTORY
Contact Address:	713 S CLAREMONT ST
Contact City,State,Zip:	SAN MATEO, CA 94402
Contact Telephone:	650-343-1940
Contact Fax:	650-343-1270
Contact Email:	PPEADMIN@COMCAST.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	713 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-0000
Owner Name:	PENINSULA PUMP & EQUIPMENT INC
Owner Type:	Other
Operator Name:	MARK VICTORY

PENINSULA PUMP & EQUIPMENT (Continued) **1024843811**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:04:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

PENINSULA PUMP & EQUIPMENT (Continued) **1024843811**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PENINSULA PUMP & EQUIPMENT INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	713 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402-0000
Owner/Operator Telephone:	650-343-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK VICTORY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	713 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-343-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-04-09 00:00:00.0
Handler Name:	PENINSULA PUMP & EQUIPMENT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42183
NAICS Description:	INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

O212 **EV AUTO SERVICE** **RCRA NonGen / NLR** **1026055818**
SSE **713 S CLAREMONT ST** **CAL000452003**
1/8-1/4 **SAN MATEO, CA 94402**
0.163 mi.
861 ft. **Site 10 of 12 in cluster O**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-01-16 00:00:00.0
Handler Name:	EV AUTO SERVICE	
Handler Address:		713 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000452003
Contact Name:		ELMER VASQUEZ
Contact Address:		713 S CLAREMONT ST
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		650-343-0988
Contact Fax:		Not reported
Contact Email:		EVAUTOSERVICESM@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		713 S CLAREMONT ST
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		ELMER VASQUEZ & PRISCILA VASQUEZ
Owner Type:		Other
Operator Name:		ELMER VASQUEZ
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

EV AUTO SERVICE (Continued) **1026055818**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:54:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELMER VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	713 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-343-0988
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELMER VASQUEZ & PRISCILA VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	713 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	570-857-3945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

EV AUTO SERVICE (Continued) **1026055818**

Historic Generators:
Receive Date: 2020-01-16 00:00:00.0
Handler Name: EV AUTO SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O213 **HANSONS MERCEDES TECHNOLOGY** **RCRA NonGen / NLR** **1024829517**
SSE **713 S CLAREMONT ST STE A** **CAL000362872**
1/8-1/4 **SAN MATEO, CA 94402**
0.163 mi.
861 ft. **Site 11 of 12 in cluster O**

Relative: **Higher**
Actual: **22 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2020-01-16 00:00:00.0
Handler Name: HANSONS MERCEDES TECHNOLOGY
Handler Address: 713 S CLAREMONT ST STE A
Handler City,State,Zip: SAN MATEO, CA 94402-1435
EPA ID: CAL000362872
Contact Name: FRED HANSON
Contact Address: LILAC LANE
Contact City,State,Zip: SAINT HELENA, CA 94574
Contact Telephone: 707-349-9113
Contact Fax: Not reported
Contact Email: MRFHANSON@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: LILAC LANE
Mailing City,State,Zip: SAINT HELENA, CA 94574
Owner Name: FRED HANSON

HANSONS MERCEDES TECHNOLOGY (Continued) **1024829517**

Owner Type:	Other
Operator Name:	FRED HANSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-28 19:20:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

HANSONS MERCEDES TECHNOLOGY (Continued) **1024829517**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FRED HANSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 LILAC LANE
Owner/Operator City,State,Zip:	SAINT HELENA, CA 94574
Owner/Operator Telephone:	707-349-9113
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRED HANSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 LILAC LANE
Owner/Operator City,State,Zip:	SAINT HELENA, CA 94574
Owner/Operator Telephone:	707-349-9113
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-01-16 00:00:00.0
Handler Name:	HANSONS MERCEDES TECHNOLOGY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

K214 **CALLENDAR ASSOC** **SWEEPS UST** **S101594024**
South **311 7TH AVE** **CA FID UST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **San Mateo Co. BI**
0.165 mi.
870 ft. **Site 11 of 15 in cluster K**

Relative:
Higher

Actual:
27 ft.

SWEEPS UST:

Name:	CALLENDAR ASSOC
Address:	311 7TH AVE
City:	SAN MATEO
Status:	Not reported
Comp Number:	110153
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110153-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	CALLENDAR ASSOC
Address:	311 7TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110153
Number:	2
Board Of Equalization:	Not reported
Referral Date:	11-08-93
Action Date:	11-08-93
Created Date:	07-08-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	41004831
Regulated By:	UTNKA
Regulated ID:	CAL000658
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153751313
Mail To:	Not reported
Mailing Address:	311 7TH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94401
Contact:	Not reported

CALLENDAR ASSOC (Continued) **S101594024**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Mateo Co. BI:
Name: CALLENDAR ASSOCIATES
Address: 311 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0023213
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026658
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

M215 **SUN CHINESE CUISINE** **San Mateo Co. BI** **S123182615**
West **251 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.165 mi.
871 ft. **Site 12 of 23 in cluster M**

Relative:
Higher

Actual:
31 ft.

San Mateo Co. BI:
Name: SUN CHINESE CUISINE
Address: 251 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046020
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069470
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M216 **CAJUN HOUSE 2** **San Mateo Co. BI** **S123183466**
West **251 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.165 mi.
871 ft. **Site 13 of 23 in cluster M**

Relative:
Higher

Actual:
31 ft.

San Mateo Co. BI:
Name: CAJUN HOUSE 2
Address: 251 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0053987
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0074579
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

K217 **BACEY AUTOMOTIVE** **San Mateo Co. BI** **S108724008**
South **317 7TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.167 mi.
883 ft. **Site 12 of 15 in cluster K**

Relative: San Mateo Co. BI:
Higher

Actual: Name: BACEY AUTOMOTIVE
27 ft. Address: 317 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035320
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0053142
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: BACEY AUTOMOTIVE
Address: 317 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035320
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0053143
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BACEY AUTOMOTIVE
Address: 317 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0035320
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068864
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PENINSULA AUTOMOTIVE CLINIC
Address: 317 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052711
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0073018
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PENINSULA AUTOMOTIVE CLINIC
Address: 317 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052711
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0073017
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT

BACEY AUTOMOTIVE (Continued) **S108724008**

Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: PENINSULA AUTOMOTIVE CLINIC
Address: 317 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052711
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0082912
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

K218 **BACEY AUTOMOTIVE** **CERS HAZ WASTE** **S113094715**
South **317 7TH AVE** **HAZNET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.167 mi. **HWTS**
883 ft. **Site 13 of 15 in cluster K**

Relative: **Higher**

Actual: **27 ft.**

CERS HAZ WASTE:
Name: PENINSULA AUTOMOTIVE CLINIC
Address: 317 7TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 519865
CERS ID: 10615849
CERS Description: Hazardous Waste Generator

HAZNET:
Name: PENINSULA AUTOMOTIVE CLINIC
Address: 317 7TH AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944010000
Contact: DAVID SANDERS
Telephone: 6504018860
Mailing Name: Not reported
Mailing Address: 317 7TH AVE

Year: 2019
Gepaid: CAL000371515
TSD EPA ID: AZR000521146
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02500

Year: 2000
Gepaid: CAL000179033
TSD EPA ID: CAD982446874
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.231

Year: 1999
Gepaid: CAL000179033
TSD EPA ID: CAD982446874

BACEY AUTOMOTIVE (Continued) **S113094715**

CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.21

Year: 1998
Gepaid: CAL000179033
TSD EPA ID: CAD982446874
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.231

Year: 1998
Gepaid: CAL000179033
TSD EPA ID: CAD980887418
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.231

Additional Info:
Year: 2000
Gen EPA ID: CAL000179033

Shipment Date: 20000406
Creation Date: 6/13/2000 0:00:00
Receipt Date: 20000407
Manifest ID: 99889181
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982446874
Trans Name: Not reported
TSDF Alt EPA ID: CAD982446874
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAL000179033

Shipment Date: 19981030
Creation Date: 1/5/1999 0:00:00

BACEY AUTOMOTIVE (Continued) **S113094715**

Receipt Date:	19981103
Manifest ID:	98527129
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446874
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980106
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980106
Manifest ID:	97204250
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000179033

Shipment Date:	19990720
Creation Date:	10/12/1999 0:00:00
Receipt Date:	19990723
Manifest ID:	98646595
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

BACEY AUTOMOTIVE (Continued) **S113094715**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446874
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	PENINSULA AUTOMOTIVE CLINIC
Address:	317 7TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	519865
CERS ID:	10615849
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	519865
Site Name:	PENINSULA AUTOMOTIVE CLINIC
Violation Date:	06-04-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/29/2018. No training record on site. Submit evidence of completion for the annual training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	519865
Site Name:	PENINSULA AUTOMOTIVE CLINIC
Violation Date:	06-28-2016
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/28/2016. Facility did not notify the CUPA of a change in storage capacity, however during the HW inspection, this was identified. This has been corrected during the visit today by

BACEY AUTOMOTIVE (Continued) **S113094715**

	submitting the initial HMBP.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519865
Site Name:	PENINSULA AUTOMOTIVE CLINIC
Violation Date:	09-22-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/29/2020. OBSERVED: HMBP Training record for 2019-2020 could not be located during the inspection. REQUIRED ACTION: Complete the annual training and submit a copy of the completed record to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	519865
Site Name:	PENINSULA AUTOMOTIVE CLINIC
Violation Date:	06-04-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 06/29/2018. The used oil and filters (paper) containers are required to be kept closed when not actively being filled or drained. Provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	519865
Site Name:	PENINSULA AUTOMOTIVE CLINIC
Violation Date:	06-08-2016
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 06/28/2016. Post Emergency Information at the phone.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

BACEY AUTOMOTIVE (Continued) **S113094715**

Site ID: 519865
Site Name: PENINSULA AUTOMOTIVE CLINIC
Violation Date: 06-04-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 06/04/2018. The property owner notification letter was filled out and sent during the inspection. Keep a copy on site for review during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 519865
Site Name: PENINSULA AUTOMOTIVE CLINIC
Violation Date: 06-04-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/04/2018. The used oil, waste antifreeze, used oil filters (metal) in a drum and used paper filters in a small container did not have a hazardous waste label on the container. Put a label on each container and provide evidence of correction to Env. Health within 30 days. Corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: G Scope of the inspection: List of Areas/Building Inspected. 1 large room shop. G EPA ID Active:https://hwts.dtsc.ca.gov/facility/CAL000371515 G Description of the waste generation processes / types of wastes generated: Used oil: 6/16/20 - 130 gal 4/1/20 - 95 gal Waste Antifreeze 4/1/20 - 50 gal waste antifreeze 12/18/19 - 0 gal Waste oil filters paper 7/23/20 - 1 drum paper filters 7/2/19 - 1 drum paper filters Waste oil filters metal 7/23/20 (est) - 1 drum 4/10/19 (est) - 1 drum Waste Aerosol cans: Empty aerosol cans are placed in the trash. We discussed the requirements for non-empty aerosol cans. Waste Automotive Batteries: Facility uses interstate batteries. Keep receipts indicating the waste cores picked up. Universal waste: David is aware of the requirements to recycle / properly dispose of UW like bulbs, batteries, and electronics. Areas where waste is generated and located: Indoor shop. UW generator status UW [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

BACEY AUTOMOTIVE (Continued) **S113094715**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-22-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Last submission date 6/10/20 Inventory notes: 2x55 gal used oil 55 gal waste antifreeze Small quantities of welding gases on site. No spills/releases reported. Property owner notification letter was completed during the 2018 inspection and confirmed sent by David.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	1000 gallons used oil per year 110 gallons waste antifreeze per year 1 drum of crushed metal filters per year. A small quantity of waste paper filters is collected, approx. less than 1 55 gal drum per year.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility last submitted business plan 6/2017. It was accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-05-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Plan accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility stores over 55 gallons of waste and will be added to the hazardous materials business plan program.
Eval Division:	San Mateo County Environmental Health

BACEY AUTOMOTIVE (Continued) **S113094715**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP submitted during inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-01-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 519865
Facility Name: PENINSULA AUTOMOTIVE CLINIC
Env Int Type Code: HMBP
Program ID: 10615849
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.562980
Longitude: -122.319310

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: David Sanders
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: David Sanders
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: FONSECA, PABLO/SANDERS, DAVID
Entity Title: Not reported
Affiliation Address: 317 7th Ave

BACEY AUTOMOTIVE (Continued) **S113094715**

Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 401-8860
Affiliation Type Desc:	Operator
Entity Name:	FONSECA, PABLO/SANDERS, DAVID
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 401-8860
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Environmental Contact
Entity Name:	David Sanders
Entity Title:	Not reported
Affiliation Address:	317 7th Ave
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94015
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	317 7TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	PENINSULA AUTOMOTIVE CLINIC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

BACEY AUTOMOTIVE (Continued) **S113094715**

HWTS:

Name:	BACEY AUTOMOTIVE
Address:	317 7TH AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944010000
EPA ID:	CAL000179033
Inactive Date:	06/30/2006
Create Date:	03/06/1997
Last Act Date:	05/25/2007
Mailing Name:	Not reported
Mailing Address:	317 7TH AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944014259
Owner Name:	STAN BACEY
Owner Address:	317 7TH AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 944014259
Contact Name:	STAN BACEY
Contact Address:	317 7TH AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944014259

NAICS:

EPA ID:	CAL000179033
Create Date:	2004-02-05 07:43:56.000
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1997-03-06 00:00:00
Inactive Date:	2006-06-30 10:14:52
Facility Name:	BACEY AUTOMOTIVE
Facility Address:	317 7TH AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944010000

Name:	PENINSULA AUTOMOTIVE CLINIC
Address:	317 7TH AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAL000371515
Inactive Date:	Not reported
Create Date:	02/06/2012
Last Act Date:	08/21/2020
Mailing Name:	Not reported
Mailing Address:	317 7TH AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944010000
Owner Name:	DAVID SANDERS & PABLO FONSECA
Owner Address:	317 7TH AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 94401
Contact Name:	DAVID SANDERS
Contact Address:	317 7TH AVE
Contact Address 2:	Not reported

BACEY AUTOMOTIVE (Continued) **S113094715**

City,State,Zip: SAN MATEO, CA 94401

NAICS:

EPA ID:	CAL000371515
Create Date:	2012-02-06 10:51:31.383
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2012-02-06 10:51:31.33700
Inactive Date:	Not reported
Facility Name:	PENINSULA AUTOMOTIVE CLINIC
Facility Address:	317 7TH AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94401

K219 **DIETERS GERMAN CAR REPAIR INC** **San Mateo Co. BI** **S106981019**
South **309 7TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.167 mi.
883 ft. **Site 14 of 15 in cluster K**

Relative: **Higher**

Actual: **27 ft.**

San Mateo Co. BI:

Name:	DIETERS GERMAN CAR REPAIR INC
Address:	309 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0004514
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010697
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	DIETERS GERMAN CAR REPAIR INC
Address:	309 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0004514
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0003360
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

K220 **PENINSULA AUTOMOTIVE CLINIC** **RCRA NonGen / NLR** **1024832946**
South **317 7TH AVE** **CAL000371515**
1/8-1/4 **SAN MATEO, CA 94401**
0.167 mi.
883 ft. **Site 15 of 15 in cluster K**

Relative: **Higher**

Actual: **27 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2012-02-06 00:00:00.0
Handler Name:	PENINSULA AUTOMOTIVE CLINIC
Handler Address:	317 7TH AVE
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAL000371515
Contact Name:	DAVID SANDERS
Contact Address:	317 7TH AVE
Contact City,State,Zip:	SAN MATEO, CA 94401
Contact Telephone:	650-401-8860
Contact Fax:	650-458-3177
Contact Email:	PENINSULAAUTOMOTIVECLINIC@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	317 7TH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401-0000
Owner Name:	DAVID SANDERS & PABLO FONSECA
Owner Type:	Other
Operator Name:	DAVID SANDERS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PENINSULA AUTOMOTIVE CLINIC (Continued) **1024832946**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:00:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID SANDERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	317 7TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-401-8860
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID SANDERS & PABLO FONSECA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	317 7TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-401-8860
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PENINSULA AUTOMOTIVE CLINIC (Continued) **1024832946**

Historic Generators:
Receive Date: 2012-02-06 00:00:00.0
Handler Name: PENINSULA AUTOMOTIVE CLINIC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M221 **3 AMIGOS** **San Mateo Co. BI** **S123179543**
West **243 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.168 mi.
889 ft. **Site 14 of 23 in cluster M**

Relative: **Higher**
Actual: **31 ft.**

San Mateo Co. BI:
Name: 3 AMIGOS
Address: 243 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001509
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069455
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M222 **PACIFIC CATCH** **San Mateo Co. BI** **S122980322**
West **243 S B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.168 mi.
889 ft. **Site 15 of 23 in cluster M**

Relative: **Higher**
Actual: **31 ft.**

San Mateo Co. BI:
Name: PACIFIC CATCH
Address: 243 S B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

PACIFIC CATCH (Continued) **S122980322**

Facility ID: FA0052973
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0075715
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: PACIFIC CATCH
Address: 243 S B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052973
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0081447
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

M223 **GOLDEN BOY PIZZA** **San Mateo Co. BI** **S123182823**
West **234 MAIN** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.169 mi.
893 ft. **Site 16 of 23 in cluster M**

Relative: **Higher**
Actual: **30 ft.**

San Mateo Co. BI:
Name: GOLDEN BOY PIZZA
Address: 234 MAIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047935
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069452
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

O224 **WORLDPAC 9738 SAN MATEO** **San Mateo Co. BI** **S121021167**
SSE **733 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.170 mi.
898 ft. **Site 12 of 12 in cluster O**

Relative: **Higher**
Actual: **22 ft.**

San Mateo Co. BI:
Name: WORLDPAC 9738 SAN MATEO
Address: 733 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0061792
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0084532
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

P225 **AFC SUSHI @ DRAEGERS** **San Mateo Co. BI** **S123181557**
SW **222 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.174 mi.
917 ft. **Site 4 of 15 in cluster P**

Relative:
Higher

Actual:
34 ft.

San Mateo Co. BI:

Name:	AFC SUSHI @ DRAEGERS
Address:	222 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0027368
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069429
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

P226 **DRAEGERS SUPERMARKETS INC** **CERS HAZ WASTE** **S123512628**
SW **222 4TH AVE** **CERS TANKS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.174 mi.
917 ft. **Site 5 of 15 in cluster P**

Relative:
Higher

Actual:
34 ft.

CERS HAZ WASTE:

Name:	DRAEGERS SUPERMARKETS INC
Address:	222 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	359456
CERS ID:	10646239
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	DRAEGERS SUPERMARKETS INC
Address:	222 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	359456
CERS ID:	10646239
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	DRAEGERS SUPERMARKETS INC
Address:	222 4TH AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	359456
CERS ID:	10646239
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-09-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	OBSERVED: A 55 gallon drum of diesel, not reported on the HMBP, was located at the facility today. REQUIRED ACTION: Update map to include location of 55 gallon drum diesel in the paint/facilities storage

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

	room. Please add the entrances / exits as well as any drains in the parking garage (ideally an architectural footprint of this level would be ideal, similar to the other maps). Submit the map in the HMBP portal by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-09-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	OBSERVED: Activities page does not include all required APSA information. REQUIRED ACTION: Update activities page with the correct APSA information and submit HMBP by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	12-26-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 04/02/2019. No record of HMBP training could be located on site. Submit evidence of completion to Env. Health within 30 days. Recommend conducting hazardous waste and HMBP emergency response training jointly.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-09-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	OBSERVED: No record of initial/annual training located on site today. REQUIRED ACTION: Submit a copy of the completed training for all employees to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

Violation Date:	12-26-2018
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 01/23/2019. Eyewash station near the shipping and receiving area was blocked by boxes. Maintain safety equipment and keep equipment free from obstacles. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-09-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform integrity and leak testing of buried piping at the time of installation, modification, construction, relocation, or replacement.
Violation Notes:	OBSERVED: Remote fueling location and piping observed does not appear to have a test boot (at the fill location). REQUIRED ACTION: Verify with installer if this test was conducted or install proper testing equipment at the piping so that the the buried piping secondary containment can be tested for integrity. Typically this is done by filling the secondary containment with a specified pressure of air and verifying no change over a period of time. An underground storage tank testing company may be able to complete this. Submit evidence of completion to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	12-26-2018
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 01/23/2019. A record of drop-off for universal and hazardous waste at VSQG could not be located during the inspection. Please keep 3 years of records on site. Submit copies to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-09-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

	6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	OBSERVED: A 55 gallon drum of diesel, not reported on the HMBP, was located at the facility today. REQUIRED ACTION: Update inventory to include location of 55 gallon steel drum diesel in the paint/facilities storage room.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-17-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/11/2017. Facility was not able to provide the capacity of the refrigerant stored on site. The store is currently listed as storing R-22 at 1,800 lbs / 7,763 Cubic feet. Any facility at 1000 cubic feet or more of refrigerant is required to do the following: G Get a San Mateo County Environmental Health Permit for hazardous material storage and G Submit a hazardous material business plan. You can visit http://cers.calepa.ca.gov/ or https://ehesubmit.smchealth.org/ to submit your business plan. Submit plan within 30 days. Conduct training and notify the property owner that you have complied with the HMBP requirement in writing. Send evidence of completion to Env. Health within 30 days. Contact our office for assistance.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	04-24-2017
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 07/25/2017. No emergency phone numbers or equipment locations posted. Post this at the facility phone and provide evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	11-09-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

	6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare an SPCC Plan that meets all applicable requirements.
Violation Notes:	Returned to compliance on 01/14/2021. OBSERVATIONS: Facility is in the progress of completing the Tier I template per the APSA requirements. Some items are incomplete as detailed in the comments. Please update these items and re-submit a copy of the corrections (or copy of the plan) to Env. Health by the comply by date. REQUIRED ACTION: 1. Complete the certification page. 2. Add the transformer to the plan if over 55 gallons. 3. Review and update the prediction and direction of flow section, mainly for the 55 gallon drum that was partially incomplete. 4. Verify the over pack for the 55 gallon drum can contain 100% of the drum for secondary containment requirements. 5. Complete and submit the substantial harm criteria. 6. Review minor comments on the plan noted for clarity and to ensure the descriptions are sufficient to meet the requirements.
Violation Division:	San Mateo County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	12-26-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 01/23/2019. Not all aerosol cans are bagged or have their dispensers removed. Ensure that all aerosol cans are properly managed to prevent a release of contents. A lithium battery in the universal waste battery container did not have taped terminal ends. Ensure that all lithium batteries are properly stored to prevent heat, sparks, or ignition. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	359456
Site Name:	DRAEGERS SUPERMARKETS INC
Violation Date:	12-26-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/23/2019. Hazardous waste Aerosol container was not marked with an accumulation start date. The waste battery container was not marked with an accumulation start date. Mark each hazardous waste container with an accumulation start date (the date you begin filling). Submit evidence of correction to Env. Health within 30 days.

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 359456
Site Name: DRAEGERS SUPERMARKETS INC
Violation Date: 11-09-2020
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 11/20/2020. OBSERVED: Undetermined. There is a new property owner. REQUIRED ACTION: Submit the one time property owner notification letter or record to your property owner and provide a copy to Env. Health. Submit a copy by the comply by date and keep a copy with your HMBP on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 359456
Site Name: DRAEGERS SUPERMARKETS INC
Violation Date: 11-09-2020
Citation: HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2)
Violation Description: Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted.
Violation Notes: Returned to compliance on 01/14/2021. OBSERVED: Plan last submitted 10/16/20, however corrections are required. REQUIRED ACTION: Correct the APSA section including the proper number of gallons (no units) and the plan completion date.
Violation Division: San Mateo County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 359456
Site Name: DRAEGERS SUPERMARKETS INC
Violation Date: 04-24-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/17/2017. No accumulation start dates were found on containers of aerosol cans and a container with both detergent and vitamins. Update labels and properly segregate wastes. Provide evidence of completion to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-29-2021

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updated information on HMBP from Draegers.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Duplicate submission had to be reviewed and accepted in order to prevent email reminders from going out.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-12-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Declined submission and provided detailed directions. 1. How to properly calculate and submit the refrigerant and not use pounds. 2. How to update the activities section for TIUGA and complete the SPCC - quick guide to compliance section.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-15-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility submitted both on CERS and Portal. CERS submission rejected.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-20-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected submission - missing 2 sections. Sent an email explaining the issue.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-24-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility is using VSQG program, but has not delivered any hazardous waste to the VSQG facility yet. The program started in January. One battery in the universal waste battery bin appeared to be lead acid. Ensure that the battery is handled properly. Most materials can be returned to the vendor, according to Kim. These material returns are

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

documented. Provide sufficient evidence to show that you have rules to determine what can be considered waste as compared to what is considered a reverse distribution acceptable product. Show that employees are trained to properly differentiate between those two material classifications.

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-30-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted HMBP submission with comment that it is missing the APSA activity.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Declined plan. Made administrative updates. Attempted to schedule an inspection for new program and current programs.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Modified inspection procedures used. G Scope of the inspection: Warehouse, trash, below-grade parking structure generator room and paint room. Records: G EPA ID Active: https://hwts.dtsc.ca.gov/facility/CAL000383296 G Description of the waste generation processes: Facility typically generates retail hazardous waste, mainly aerosols, universal waste batteries, and small quantities of other products. G Postings - Emergency phone numbers, location of equipment: Posted in warehouse. G Training: Documented with employees. -+ Manifests -+ 3 years of records available: n/a VSQG Drop off records available. -+ Sent to DTSC within 30 days: n/a -+ Hauler: n/a -+ LDR: n/a -+ Waste determination: no issues identified. -+ ERM report every 2 years n/a -+ Consolidated waste site notification n//a -+ Waste generation patterns: -+ List of major waste streams: -+ Aerosols -+ Fluorescent bulbs -+ Batteries -+ Detergent and other toxic products -+ Approx. 1 [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Modified inspection procedure. Initial SPCC Tier I template completed

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

by John Draeger for this inspection. 11/9/20 - physical inspection. 11/13/20 - Reviewed SPCC and recorded inspection report.
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Modified procedures used. Last submission: Fri Oct 16 2020
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility is a supermarket with refrigerant used and stored on site. The location of this equipment is on the upper floor. Facility also has a hazardous waste storage area located on the bottom floor. Note: Hazardous waste program to be added to this facility account.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-09-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed submitted SPCC plan and emailed a response requesting minor corrections.
Eval Division: San Mateo County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-26-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Sent John Draeger a detailed response email about HMBP corrections.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-26-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Aerosol cans managed as hazardous waste (one bin < 30 gals). Dry cell batteries managed as universal waste. One inventory sheet from 2017 VSQG program observed.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-26-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The HMBP for 2019 is due to be submitted by January 3rd. Note: If cleaners are delivered in 55 gallons quantity (cumulative) total, then please add that to the inventory.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted submitted plan with minor comments.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-14-2021
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Assisted with map upload and requested submission of HMBP with minor corrections. Second submission discussed via phone. The training records from the HMBP are to be sent via email to close out the one remaining violation. Assisted with map upload issues on second submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-16-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed HMBP for corrections. Further review during next inspection to verify chemicals.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-28-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted.

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: John Draeger
Entity Title: Not reported
Affiliation Address: 291 Utah Ave
Affiliation City: South San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: John Draeger
Entity Title: Not reported
Affiliation Address: 291 Utah Ave.
Affiliation City: South San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94080
Affiliation Phone: (650) 244-6500

Affiliation Type Desc: Document Preparer
Entity Name: John Draeger
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 291 Utah Ave.
Affiliation City: South San Francisco
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94080
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Identification Signer
Entity Name: John Draeger

DRAEGERS SUPERMARKETS INC (Continued) **S123512628**

Entity Title:	Vice President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Draegers Supermarkets Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 244-6500
Affiliation Type Desc:	Parent Corporation
Entity Name:	Draeger's Market
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Draegers Super Markets Inc
Entity Title:	Not reported
Affiliation Address:	291 Utah Ave
Affiliation City:	South San Francisco
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94080
Affiliation Phone:	(650) 244-6500

P227 **DRAEGERS SUPERMARKETS INC** **San Mateo Co. BI** **S119781565**
SW **222 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.174 mi.
917 ft. **Site 6 of 15 in cluster P**

Relative:
Higher

Actual:
34 ft.

San Mateo Co. BI:

Name:	DRAEGERS SUPERMARKETS INC
Address:	222 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0023777
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069428
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	DRAEGERS SUPERMARKETS INC

DRAEGERS SUPERMARKETS INC (Continued) **S119781565**

Address:	222 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0023777
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0083750
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	DRAEGERS SUPERMARKETS INC
Address:	222 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0023777
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0084024
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

P228 **DRAEGER'S SUPERMARKET'S INC** **RCRA NonGen / NLR** **1024837587**
SW **222 E 4TH AVE** **CAL000383296**
1/8-1/4 **SAN MATEO, CA 94401**
0.174 mi.
917 ft. **Site 7 of 15 in cluster P**

Relative: **Higher**

Actual: **34 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2013-03-06 00:00:00.0
Handler Name:	DRAEGER'S SUPERMARKET'S INC
Handler Address:	222 E 4TH AVE
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAL000383296
Contact Name:	JOHN DRAEGER
Contact Address:	291 UTAH AVE
Contact City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Contact Telephone:	650-244-6500
Contact Fax:	650-244-6535
Contact Email:	JDRAEGER@DRAEGERS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	291 UTAH AVE
Mailing City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6802
Owner Name:	DRAEGER'S SUPERMARKETS INC
Owner Type:	Other
Operator Name:	JOHN DRAEGER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

DRAEGER'S SUPERMARKET'S INC (Continued) **1024837587**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:02:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN DRAEGER

DRAEGER'S SUPERMARKET'S INC (Continued) **1024837587**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	291 UTAH AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080
Owner/Operator Telephone:	650-244-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRAEGER'S SUPERMARKETS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	291 UTAH AVE
Owner/Operator City,State,Zip:	SOUTH SAN FRANCISCO, CA 94080-6802
Owner/Operator Telephone:	650-244-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-03-06 00:00:00.0
Handler Name:	DRAEGER'S SUPERMARKET'S INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45291
NAICS Description:	WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

229
East
1/8-1/4
0.174 mi.
918 ft.

DAREN DADALT
611 S. FREMONT ST.
SAN MATEO, CA 94402

RCRA NonGen / NLR

1026051512
CAC003058399

Relative:
Lower

Actual:
19 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-03-03 00:00:00.0
Handler Name:	DAREN DADALT	
Handler Address:		611 S. FREMONT ST.
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAC003058399
Contact Name:		DAREN DADALT
Contact Address:		611 S. FREMONT ST.
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		209-552-5619
Contact Fax:		Not reported
Contact Email:		CHRISTINA.S@SYNERGYCOMPANIES.ORG
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		611 S. FREMONT ST.
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		DAREN DADALT
Owner Type:		Other
Operator Name:		DAREN DADALT
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

DAREN DADALT (Continued) **1026051512**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-06 18:11:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAREN DADALT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	611 S. FREMONT ST.
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	209-552-5619
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAREN DADALT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	611 S. FREMONT ST.
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	209-552-5619
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DAREN DADALT (Continued) **1026051512**

Historic Generators:
Receive Date: 2020-03-03 00:00:00.0
Handler Name: DAREN DADALT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S230 **AKI AUTO SERVICE** **San Mateo Co. BI** **S100623917**
NW **122 SO DELAWARE STREET** **EMI** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.175 mi.
925 ft. **Site 1 of 4 in cluster S**

Relative: **Higher**

Actual: **23 ft.**

San Mateo Co. BI:
Name: AKI AUTO SERVICE
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014921
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010810
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AKI AUTO SERVICE
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014921
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003482
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: AKI AUTO SERVICE
Address: 122 DELAWARE

AKI AUTO SERVICE (Continued) **S100623917**

City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014921
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068728
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: ALL ACTION AUTO BODY
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0025459
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0033964
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ALL ACTION AUTO BODY
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0025459
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0033963
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ALL ACTION AUTO BODY
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0025459
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068800
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: ALL ACTION AUTO BODY
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052163
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0072353
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ALL ACTION AUTO BODY
Address: 122 DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

AKI AUTO SERVICE (Continued) **S100623917**

Facility ID: FA0052163
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0072354
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

EMI:

Name: AKI AUTO SERVICE
Address: 122 SO DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2011
County Code: 41
Air Basin: SF
Facility ID: 9328
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.068
Reactive Organic Gases Tons/Yr: 0.06114
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: AKI AUTO SERVICE
Address: 122 SO DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2012
County Code: 41
Air Basin: SF
Facility ID: 9328
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.068
Reactive Organic Gases Tons/Yr: 0.06114
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: AKI AUTO SERVICE
Address: 122 SO DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2013
County Code: 41
Air Basin: SF
Facility ID: 9328
Air District Name: BA
SIC Code: 7532

AKI AUTO SERVICE (Continued) **S100623917**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.068
Reactive Organic Gases Tons/Yr:	0.06114
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AKI AUTO SERVICE
Address:	122 SO DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	9328
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.068912804
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AKI AUTO SERVICE
Address:	122 SO DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	9328
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.06891281
Reactive Organic Gases Tons/Yr:	0.06712203
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	AKI AUTO SERVICE
Address:	122 SO DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94401-3222
Site ID:	450120
CERS ID:	110010467137

AKI AUTO SERVICE (Continued) **S100623917**

CERS Description: US EPA Air Emission Inventory System (EIS)

S231 **AKI AUTO SERVICE** **RCRA NonGen / NLR** **1024797254**
NW **122 S DELAWARE ST** **CAL000183342**
1/8-1/4 **SAN MATEO, CA 94401**
0.175 mi.
925 ft. **Site 2 of 4 in cluster S**

Relative: **Higher**
Actual: **23 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2000-12-04 00:00:00.0
Handler Name:	AKI AUTO SERVICE	
Handler Address:		122 S DELAWARE ST
Handler City,State,Zip:		SAN MATEO, CA 94401-3222
EPA ID:		CAL000183342
Contact Name:		KAZ EGUCHI - OWNER
Contact Address:		122 S DELAWARE ST
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		650-342-0963
Contact Fax:		650-342-2079
Contact Email:		KAZ1837@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		122 S DELAWARE ST
Mailing City,State,Zip:		SAN MATEO, CA 94401-3222
Owner Name:		KAZ EGUCHI
Owner Type:		Other
Operator Name:		KAZ EGUCHI - OWNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

AKI AUTO SERVICE (Continued) **1024797254**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:44:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAZ EGUCHI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	122 S DELAWARE ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-3222
Owner/Operator Telephone:	650-342-0963
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAZ EGUCHI - OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	122 S DELAWARE ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-342-0963
Owner/Operator Telephone Ext:	Not reported

AKI AUTO SERVICE (Continued) **1024797254**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-12-04 00:00:00.0
Handler Name: AKI AUTO SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

NAICS Code: 811113
NAICS Description: AUTOMOTIVE TRANSMISSION REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S232 **AKI AUTO SERVICE** **CERS HAZ WASTE** **S121770133**
NW **122 S DELAWARE** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.175 mi.
925 ft. **Site 3 of 4 in cluster S**

Relative:
Higher

Actual:
23 ft.

CERS HAZ WASTE:
Name: AKI AUTO SERVICE
Address: 122 S DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 3775
CERS ID: 10065256
CERS Description: Hazardous Waste Generator

CERS:
Name: AKI AUTO SERVICE
Address: 122 S DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 3775
CERS ID: 10065256
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 3775
Site Name: AKI AUTO SERVICE

AKI AUTO SERVICE (Continued) **S121770133**

Violation Date:	01-28-2019
Citation:	40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Description:	Failure to inspect hazardous waste tanks at least once each operating day for the following, when present: (1) Discharge control equipment (e.g., waste feed cutoff systems, by-pass systems, and drainage systems) to ensure that it is in good working order; (2) Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that the tank is being operated according to its design; (3) The level of waste in the tank.
Violation Notes:	Returned to compliance on 04/09/2019. No inspections completed. Provide evidence of inspection to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-24-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 03/02/2017. Notify the property owner of compliance with the business plan regulation within 30 days. Send a copy of the completed letter to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 04/23/2019. The filters are changed out about every 4 months according to Kaz. No waste determination is on site. Please provide a determination for waste paint booth filters by generator knowledge or by laboratory testing. Contact Env. Health if you need more information about this.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

AKI AUTO SERVICE (Continued) **S121770133**

Violation Notes:	Returned to compliance on 04/21/2019. The following labels are missing: - Waste thinner and paint related materials (30 gal drum) - Used oil (roll-around container). Label each container and submit evidence of correction to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: G Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. G Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. G The generator complies with section 66265.171, 66265.172, and 66265.173(a). G The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words G Hazardous WasteG including specified information G Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a G 90 dayG accumulation area G 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 04/25/2019. The following wastes have not been picked up within the last year according to the accumulation start date on the container or the records provided: Waste antifreeze (approx. 100 gallons in tank). Dated approx. 6/2017 Waste paper oil filters dated 11/1/16 Waste waterborne paint dated 2/1/17 Waste thinner/paint not dated or illegible label. Schedule the pickup and provide evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-24-2017
Citation:	22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes:	Returned to compliance on 02/01/2017. It is unclear if the facility sent a copy of the uniform hazardous waste manifest to DTSC. Mail the record to DTSC and we recommend marking your manifest as sent with the date for confirmation. DTSC Generator Manifests Department of Toxic Substances Control P.O. Box 400 Sacramento, CA 95812-0400 Provide confirmation via documentation to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

AKI AUTO SERVICE (Continued) **S121770133**

Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	Returned to compliance on 04/09/2019. No inspections completed. Provide evidence of inspection to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/28/2019. The update federal hazard categories have not yet been submitted. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-24-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 02/01/2017. Waste antifreeze was last picked up May 3, 2016. Approximately 100 gallons appears to have been collected in the tank since that date. Waste waterborne paint was last picked up on3/25/2013. Waste lacquer based paint (flammable) was dated 3/25/13. Have all waste streams picked up within 180 days of accumulation start or use point of generation rules. Send a copy of the manifest to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

AKI AUTO SERVICE (Continued) **S121770133**

Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/21/2019. Keep a copy of 3 years of hazardous waste manifests. Keep the original copy on site and the final copy from the designated facility for each uniform hazardous waste manifest. Submit a copy to DTSC within 30 days of pickup. Provide evidence of completion to Env. Health within 30 days. DTSC Generator Manifests Department of Toxic Substances Control P.O. Box 400 Sacramento, CA 95812-0400 One manifest for 2017 on site
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to inspect hazardous waste tanks for the following, when present: 4) The construction materials of the tank at least weekly to detect corrosion or leaking of fixtures or seams. 5) The construction materials of, and the area immediately surrounding, discharge confinement structures (e.g., dikes) at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation).
Violation Notes:	Returned to compliance on 04/09/2019. No inspections completed. Provide evidence of inspection to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-24-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/02/2017. No training records on site. Provide a copy of the completed training record within 30 days to Env. Health.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	3775
Site Name:	AKI AUTO SERVICE
Violation Date:	01-28-2019
Citation:	HSC 6.5 25201.16(f) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.16(f)
Violation Description:	Failure to comply with the applicable requirements related to accumulation and containment standards for universal waste aerosol cans.

AKI AUTO SERVICE (Continued) **S121770133**

Violation Notes: Returned to compliance on 04/23/2019. Puncturing of cans is not acceptable unless the facility provides notification to Env. Health and complies with Health and Safety Code, section 25201.16(h), below. The facility may be able to use up the entire contents of the can, and when empty, dispose of in the regular trash. If the can cannot be safely emptied, manage it as universal waste or hazardous waste. (h) A universal waste handler may process a universal waste aerosol can to remove and collect the contents of the universal waste aerosol can, if the universal waste handler meets all of the following requirements: (1) The handler is not an offsite commercial processor of aerosol cans. For the purposes of this paragraph, a household hazardous waste collection facility, as defined in subdivision (f) of Section 25218.1, is not an offsite commercial processor. (2) The handler ensures that the universal waste aerosol can is processed in a manner and in equipment designed, maintained, and operated so as to [Truncated]
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 3775
Site Name: AKI AUTO SERVICE
Violation Date: 01-24-2017
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 01/24/2017. Emergency procedures form filled out and posted during the inspection. Corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-21-2015
Violations Found: No

AKI AUTO SERVICE (Continued) **S121770133**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility generate approximately: 30 gallons of waste waterborne paint 55 gallons of waste antifreeze last picked up 5/3/16 105 gallons 200 gal used oil every 3-4 months last 1/9/17 55 gal used oil filters 3/16/15 manifest (but picked up on 10/2016) 55 gal used paper filters with oil: Drum added 9/12/16 Waste auto batteries: Less than 10 stored on site. Used oil filter management procedure was discussed for paper and metal used oil filters.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-28-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	200 gallons used oil / year 55 gallon drum of waste metal oil filters / year Approx. 50 gal/year antifreeze 30 gal waste thinner based paint last on 2/1/17 30 gal waste waterborne paint last on 2/1/17 About 30 car batteries generated per year.
Eval Division:	San Mateo County Environmental Health

AKI AUTO SERVICE (Continued) **S121770133**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: No employees at this time according to Kaz Eguchi. One phone number corrected on site.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-28-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: assisted with login in and bp submittal
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Business plan training documented during the re-inspection (completed on 2/21). Property owner notification completed during the re-inspection. HMBP was reviewed and printed for reference as well.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Manifests and hazardous waste labels reviewed during the re-inspection. Violations for waste paints and waste antifreeze were corrected.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency

AKI AUTO SERVICE (Continued) **S121770133**

Eval Notes: Accepted with minor updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-23-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Provide manifest for waste antifreeze. Records for waste paint and waste paper filters has been provided. The determination for paint booth filters is in progress, pending collection of filters and testing once a sufficient sample has been provided. Supplier provided some information about non-hazardous status of filters. Copies of the manifests have been mailed to DTSC. Labels have been corrected. Kaz is completing a visual inspection and has the printed tank inspection forms for use. Kaz reported that he will not be puncturing/crushing aerosol cans for disposal. No signature obtained for this re-inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-02-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Kazuhito Eguchi
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 122 S DELAWARE
Affiliation City: SAN MATEO

AKI AUTO SERVICE (Continued) **S121770133**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Kazuhito Eguchi
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Environmental Contact
Entity Name:	Kazuhito Eguchi
Entity Title:	Not reported
Affiliation Address:	122 S. Delaware St
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Americasearex Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 342-0963
Affiliation Type Desc:	Parent Corporation
Entity Name:	AKI AUTO SERVICE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	EGUCHI, KAZUHITO

AKI AUTO SERVICE (Continued) **S121770133**

Entity Title:	Not reported
Affiliation Address:	122 DELAWARE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 342-0963

M233 **SUBWAY** **San Mateo Co. BI** **S123180159**
WSW **226 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.176 mi.
928 ft. **Site 17 of 23 in cluster M**

Relative:
Higher

Actual:
33 ft.

San Mateo Co. BI:

Name:	SUBWAY
Address:	226 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0009024
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069435
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

P234 **MCGOVERNS BAR** **San Mateo Co. BI** **S123180014**
WSW **215 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.176 mi.
928 ft. **Site 8 of 15 in cluster P**

Relative:
Higher

Actual:
34 ft.

San Mateo Co. BI:

Name:	MCGOVERNS BAR
Address:	215 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0005394
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069404
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

R235 **TEA THE SEASON** **San Mateo Co. BI** **S123181711**
West **220 MAIN** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.176 mi.
930 ft. **Site 5 of 13 in cluster R**

Relative: San Mateo Co. BI:
Higher
Actual: Name: TEA THE SEASON
30 ft. Address: 220 MAIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0028046
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069414
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

R236 **JAPAN 2 RESTAURANT CAFE** **San Mateo Co. BI** **S123183207**
West **220 MAIN** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.176 mi.
930 ft. **Site 6 of 13 in cluster R**

Relative: San Mateo Co. BI:
Higher
Actual: Name: JAPAN 2 RESTAURANT CAFE
30 ft. Address: 220 MAIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0051833
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0072233
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

R237 **DASH** **San Mateo Co. BI** **S123183257**
West **220 MAIN** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.176 mi.
930 ft. **Site 7 of 13 in cluster R**

Relative: San Mateo Co. BI:
Higher
Actual: Name: DASH
30 ft. Address: 220 MAIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052275
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0072708
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

T238 **3 BEES COFFEE HOUSE** **San Mateo Co. BI** **S123180633**
WSW **224 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.177 mi.
935 ft. **Site 1 of 13 in cluster T**

Relative: San Mateo Co. BI:
Higher
Actual: Name: 3 BEES COFFEE HOUSE
33 ft. Address: 224 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022685
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069433
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Q239 **KATHYS CREATIVE KAKES LLC** **San Mateo Co. BI** **S123179844**
South **631 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.177 mi.
937 ft. **Site 2 of 11 in cluster Q**

Relative: San Mateo Co. BI:
Higher
Actual: Name: KATHYS CREATIVE KAKES LLC
28 ft. Address: 631 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0002851
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069633
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Q240 **EVERY DAY BEIJING** **San Mateo Co. BI** **S123180040**
South **637 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.178 mi.
939 ft. **Site 3 of 11 in cluster Q**

Relative: San Mateo Co. BI:
Higher
Actual: Name: EVERY DAY BEIJING
28 ft. Address: 637 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006060
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069634
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Q241 **EVERYDAY BEIJING** **San Mateo Co. BI** **S123183907**
South **637 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.178 mi.
939 ft. **Site 4 of 11 in cluster Q**

Relative: San Mateo Co. BI:
Higher
Actual: Name: EVERYDAY BEIJING
28 ft. Address: 637 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0057779
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0080132
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

R242 **FLETCHS** **San Mateo Co. BI** **S123182817**
WNW **385 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.178 mi.
941 ft. **Site 8 of 13 in cluster R**

Relative: San Mateo Co. BI:
Higher
Actual: Name: FLETCHS
29 ft. Address: 385 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0047897
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069552
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M243 **LAS AMERICAS RESTAURANT** **San Mateo Co. BI** **S123179544**
West **254 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.178 mi.
942 ft. **Site 18 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher
Actual: Name: LAS AMERICAS RESTAURANT
32 ft. Address: 254 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001512
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069473
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M244 **SAN MATEO LIQUORS** **San Mateo Co. BI** **S123182401**
West **254 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.178 mi.
942 ft. **Site 19 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher

Actual: Name: SAN MATEO LIQUORS
32 ft. Address: 254 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0040389
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069471
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Q245 **NEXT GEAR BIMMER MOTOR LLC** **RCRA NonGen / NLR** **1026170372**
South **308 7TH AVE** **CAL000453930**
1/8-1/4 **SAN MATEO, CA 94401**
0.179 mi.
946 ft. **Site 5 of 11 in cluster Q**

Relative: RCRA NonGen / NLR:
Higher

Actual: Date Form Received by Agency: 2020-03-27 00:00:00.0
26 ft. Handler Name: NEXT GEAR BIMMER MOTOR LLC
Handler Address: 308 7TH AVE
Handler City,State,Zip: SAN MATEO, CA 94401
EPA ID: CAL000453930
Contact Name: HTET AUNG
Contact Address: 1060 DILLO ST
Contact City,State,Zip: SAN LEANDRO, CA 94578
Contact Telephone: 650-867-4606
Contact Fax: Not reported
Contact Email: ALTERFOCUS.HA@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 1060 DILLO ST
Mailing City,State,Zip: SAN LEANDRO, CA 94578
Owner Name: NEXT GEAR BIMMER MOTOR LLC
Owner Type: Other
Operator Name: HTET AUNG
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No

NEXT GEAR BIMMER MOTOR LLC (Continued) **1026170372**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-04-08 18:59:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HTET AUNG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1060 DILLO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94578

NEXT GEAR BIMMER MOTOR LLC (Continued) **1026170372**

Owner/Operator Telephone: 650-867-4606
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEXT GEAR BIMMER MOTOR LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1060 DILLO ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94578
Owner/Operator Telephone: 650-867-4606
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-03-27 00:00:00.0
Handler Name: NEXT GEAR BIMMER MOTOR LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q246 **PALM AVE MOTORS AUTO REPAIR** **RCRA NonGen / NLR** **1024802234**
South **308 7TH AVE** **CAL000239830**
1/8-1/4 **SAN MATEO, CA 94401**
0.179 mi.
946 ft. **Site 6 of 11 in cluster Q**

Relative: **Higher**
Actual: **26 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2001-10-17 00:00:00.0
Handler Name: PALM AVE MOTORS AUTO REPAIR
Handler Address: 308 7TH AVE
Handler City,State,Zip: SAN MATEO, CA 94401-0000
EPA ID: CAL000239830
Contact Name: DON ROUSSEAU & BENNY LEE
Contact Address: 308 7TH AVE

PALM AVE MOTORS AUTO REPAIR (Continued) **1024802234**

Contact City,State,Zip:	SAN MATEO, CA 94401-4218
Contact Telephone:	650-208-5410
Contact Fax:	000-000-0000
Contact Email:	DON.ROUSSEAU@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	308 7TH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401-4218
Owner Name:	DON ROUSSEAU
Owner Type:	Other
Operator Name:	DON ROUSSEAU & BENNY LEE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

PALM AVE MOTORS AUTO REPAIR (Continued) **1024802234**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:45:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DON ROUSSEAU & BENNY LEE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	308 7TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4218
Owner/Operator Telephone:	650-208-5410
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON ROUSSEAU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	308 7TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4218
Owner/Operator Telephone:	650-375-8796
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-10-17 00:00:00.0
Handler Name:	PALM AVE MOTORS AUTO REPAIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

PALM AVE MOTORS AUTO REPAIR (Continued) **1024802234**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q247 **PALM AVENUE MOTORS AUTO REPAIR** **CERS HAZ WASTE** **S121787879**
South **308 7TH AVE** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.179 mi.
946 ft. **Site 7 of 11 in cluster Q**

Relative:
Higher

Actual:
26 ft.

CERS HAZ WASTE:
Name: PALM AVENUE MOTORS AUTO REPAIR
Address: 308 7TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 55103
CERS ID: 10068172
CERS Description: Hazardous Waste Generator

CERS:
Name: PALM AVENUE MOTORS AUTO REPAIR
Address: 308 7TH AVE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 55103
CERS ID: 10068172
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 03-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/01/2018. HMBP corrected and submitted during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 09-18-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

	portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/22/2020. OBSERVED: 1. The waste paper oil filters (30 gal steel drum) is missing the accumulation start date. 2. The rolling collection containers are not labeled. REQUIRED ACTION: 1. Update the paper filters drum label with an accumulation start date. (10/23/19 was the last pick-up date). 2. Label each hazardous waste container with a hazardous waste label that is completed with all required information.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	55103
Site Name:	PALM AVENUE MOTORS AUTO REPAIR
Violation Date:	09-18-2020
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 09/18/2020. OBSERVED: A copy of the plan was not available in the compliance folder on site. REQUIRED ACTION: A copy was printed and provided to Don during the inspection. Please print out a copy of your annual submission (or updated submission) going forward.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	55103
Site Name:	PALM AVENUE MOTORS AUTO REPAIR
Violation Date:	09-18-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/22/2020. OBSERVED: Training record for 2018 was observed, however no record of training for 2020 could be located. REQUIRED ACTION: Submit the completed 2019-2020 training record covering the hazardous materials business plan, emergency procedures, and hazardous material safety. A blank training record was located in the file today. Complete and submit to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	55103
Site Name:	PALM AVENUE MOTORS AUTO REPAIR
Violation Date:	11-18-2013
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Returned to compliance on 06/04/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 03-01-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 03/01/2018. Property owner notification completed during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 11-18-2013
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 06/04/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 03-01-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 03/01/2018. HMBP Submitted during the inspection.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 03-01-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/09/2018. No training record on site. Complete the training record and submit it to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 55103
Site Name: PALM AVENUE MOTORS AUTO REPAIR
Violation Date: 09-18-2020
Citation: 22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description: Failure of universal waste handler to provide initial and/or annual refresher training for employees who manage or handle universal waste and to maintain a written record for three years of personnel who took the initial or annual training.
Violation Notes: Returned to compliance on 09/22/2020. OBSERVED: Used fluorescent bulbs were stacked against a wall in the shop. REQUIRED ACTION: Protect bulbs from breaking by storing in a cardboard box or other closed container. A list of disposal companies is available on our website. Conduct training with employees to ensure that they are aware of how to handle non-empty aerosol cans, batteries, and electronics. Ensure these items do not enter the trash and is broken or leaking are cleaned up properly. Submit training record to Env. Health by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: I visited Don Rousseau, but he was not able to speak with me at the time. We rescheduled for the morning. We discussed the inactive EPA ID and 1358 form briefly. The inspection will be recorded under the

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

"routine inspection continued".
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: I worked with Don to make corrections to the HMBP during the inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-30-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted submission.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-30-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP submitted 3/27/20.
Eval Division: San Mateo County Environmental Health

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-18-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Scope of the inspection: List of Areas/Building Inspected. 1 large room shop area. EPA ID Active: https://hwts.dtsc.ca.gov/facility/CAL000239830, CAL000239830 Spill prevention/response methods: Absorbent material stored in the back of the shop. Training: No recent training records provided. Manifests: Only consolidate manifests observed. Signed and on site for past 3 years. No uniform hazardous waste manifests on RCRAinfo. Areas where waste is generated and located: Indoor shop. Description of the waste generation processes / types of wastes generated: Automotive repair shop Used oil 4/8/20 - 220 gallons 1/21/20 - 240 gallons 11/17/19 - 210 gallons 9/12/19 - 250 gallons 7/10/19 - 220 gallons 4/26/19 - 240 gallons 2/4/19 - 220 gallons Waste Antifreeze: Container dated 9/12/19 and 4/8/20. 4/8/20, 55 gal 9/12/19, 140 gal 2/4/19, 100 gal Used oil and gasoline filters Metal filters 1/22/20 - 1 [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-22-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accumulation start date for the used oil tank noted (no violation observed). Labels updated / corrected. Training records provided for HMBP and universal waste.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-16-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Declined - requesting minor corrections.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-18-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-18-2013
Violations Found:	Yes

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	55103
Site Name:	PALM AVENUE MOTORS AUTO REPAIR
Site Address:	308 7TH AVE
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	05-06-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	55103
Facility Name:	PALM AVENUE MOTORS AUTO REPAIR
Env Int Type Code:	HWG
Program ID:	10068172
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.562894
Longitude:	-122.319258

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Don Rousseau
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	ROUSSEAU, DON
Entity Title:	Not reported
Affiliation Address:	308 7TH
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 375-8796

Affiliation Type Desc:	Environmental Contact
Entity Name:	Don Rousseau
Entity Title:	Not reported
Affiliation Address:	308 7th Avenue
Affiliation City:	San Mateo

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S121787879**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 7TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Don Rousseau
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Don Rousseau
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 375-8796
Affiliation Type Desc:	Parent Corporation
Entity Name:	PALM AVENUE MOTORS AUTO REPAIR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Q248
South
1/8-1/4
0.179 mi.
946 ft.

PALM AVENUE MOTORS AUTO REPAIR
308 7TH
SAN MATEO, CA 94401

Site 8 of 11 in cluster Q

San Mateo Co. BI **S110071850**
N/A

Relative:
Higher

Actual:
26 ft.

San Mateo Co. BI:

Name:	PALM AVENUE MOTORS AUTO REPAIR
Address:	308 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0027177
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0042845
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PALM AVENUE MOTORS AUTO REPAIR
Address:	308 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0027177
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0042846
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PALM AVENUE MOTORS AUTO REPAIR
Address:	308 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0027177
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068810
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	DOCTOR WRENCH
Address:	308 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0045519
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068897
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	DOCTOR WRENCH
Address:	308 7TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0045519
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0059759
Description:	GENERATES <27 GAL/YEAR

PALM AVENUE MOTORS AUTO REPAIR (Continued) **S110071850**

Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BCH AUTOMOTIVE
Address: 308 7TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045572
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0059872
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

P249 **DRAEGERS** **LUST** **S109285769**
SW **200 EAST 4TH AVENUE** **Cortese** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.180 mi.
951 ft. **Site 9 of 15 in cluster P**

Relative: **Higher**

Actual: **34 ft.**

LUST:
Name: DRAEGERS
Address: 200 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608178405
Global Id: T0608178405
Latitude: 37.564186
Longitude: -122.321932
Status: Completed - Case Closed
Status Date: 03/12/1997
Case Worker: Not reported
RB Case Number: Not reported
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 119105
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608178405
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608178405
Action Type: Other
Date: 05/07/1996
Action: Leak Reported

DRAEGERS (Continued) **S109285769**

LUST:
Global Id: T0608178405
Status: Open - Case Begin Date
Status Date: 05/07/1996

Global Id: T0608178405
Status: Completed - Case Closed
Status Date: 03/12/1997

CORTESE:
Name: DRAEGERS
Address: 200 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608178405
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: DRAEGERS
Address: 200 EAST 4TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 229198
CERS ID: T0608178405
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

P250 **DRAEGERS** **LUST** **S103639599**
SW **200 E 4TH ST** **N/A**
1/8-1/4 **SAN MATEO, CA**
0.180 mi.
951 ft. **Site 10 of 15 in cluster P**

Relative: SAN MATEO CO. LUST:
Higher

Actual: Name: DRAEGERS
34 ft. Address: 200 E 4TH ST
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 119105
Facility Status: 9- Case Closed
Global ID: T0608178405
APN Number: 034176050
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

R251 **COLDSTONE CREAMERY** **San Mateo Co. BI** **S123183342**
WNW **375 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
959 ft. **Site 9 of 13 in cluster R**

Relative: San Mateo Co. BI:
Higher

Actual: Name: COLDSTONE CREAMERY
30 ft. Address: 375 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0053072
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0073795
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

R252 **COLDSTONE CREAMERY** **San Mateo Co. BI** **S123181706**
WNW **375 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
959 ft. **Site 10 of 13 in cluster R**

Relative: San Mateo Co. BI:
Higher

Actual: Name: COLDSTONE CREAMERY
30 ft. Address: 375 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0028024
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069546
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M253 **LOS DOS AMIGOS** **San Mateo Co. BI** **S123183447**
West **246 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
959 ft. **Site 20 of 23 in cluster M**

Relative: **Higher**
Actual: **32 ft.**

San Mateo Co. BI:

Name:	LOS DOS AMIGOS
Address:	246 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0053832
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0074371
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

M254 **TENKA JAPANESE RESTAURANT** **San Mateo Co. BI** **S123180873**
West **246 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
959 ft. **Site 21 of 23 in cluster M**

Relative: **Higher**
Actual: **32 ft.**

San Mateo Co. BI:

Name:	TENKA JAPANESE RESTAURANT
Address:	246 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0024802
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069458
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

P255 **100 SWEET CAFE** **San Mateo Co. BI** **S123183323**
WSW **205 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
961 ft. **Site 11 of 15 in cluster P**

Relative: **Higher**
Actual: **34 ft.**

San Mateo Co. BI:

Name:	100% SWEET CAFE
Address:	205 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0052920
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0073274
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

P256 **SERGIO PASTA SHOP** **San Mateo Co. BI** **S123182162**
WSW **205 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
961 ft. **Site 12 of 15 in cluster P**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SERGIO PASTA SHOP
34 ft. Address: 205 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0032424
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069392
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M257 **HAPPY CAFE** **San Mateo Co. BI** **S123179847**
West **250 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
961 ft. **Site 22 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher
Actual: Name: HAPPY CAFE
32 ft. Address: 250 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0002855
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069468
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

M258 **HAPPY RESTAURANT** **San Mateo Co. BI** **S123183755**
West **250 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.182 mi.
961 ft. **Site 23 of 23 in cluster M**

Relative: San Mateo Co. BI:
Higher
Actual: Name: HAPPY RESTAURANT
32 ft. Address: 250 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0056011
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0077190
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

U259 **NEW YORK PIZZA LLC** **San Mateo Co. BI** **S123182475**
West **219 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.184 mi.
974 ft. **Site 1 of 20 in cluster U**

Relative: **Higher**
Actual: **31 ft.**

San Mateo Co. BI:

Name:	NEW YORK PIZZA LLC
Address:	219 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0044980
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069410
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

R260 **BEARD PAPA SWEETS CAFE** **San Mateo Co. BI** **S123181718**
WNW **365 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.185 mi.
976 ft. **Site 11 of 13 in cluster R**

Relative: **Higher**
Actual: **30 ft.**

San Mateo Co. BI:

Name:	BEARD PAPA SWEETS CAFE
Address:	365 2ND
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0028063
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069542
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

P261 **MR PIZZA MAN** **San Mateo Co. BI** **S123180949**
WSW **201 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.185 mi.
977 ft. **Site 13 of 15 in cluster P**

Relative: **Higher**
Actual: **34 ft.**

San Mateo Co. BI:

Name:	MR PIZZA MAN
Address:	201 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0025181
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069383
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

P262 **MR PIZZA MAN** **San Mateo Co. BI** **S123183514**
WSW **201 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.185 mi.
977 ft. **Site 14 of 15 in cluster P**

Relative: San Mateo Co. BI:
Higher
Actual: Name: MR PIZZA MAN
34 ft. Address: 201 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0054377
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0075038
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

U263 **MOONS FAMILY SPORTS PUB** **San Mateo Co. BI** **S123180028**
West **215 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.185 mi.
979 ft. **Site 2 of 20 in cluster U**

Relative: San Mateo Co. BI:
Higher
Actual: Name: MOONS FAMILY SPORTS PUB
31 ft. Address: 215 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005779
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069405
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

T264 **SUSHI SAMS EDOMATA** **San Mateo Co. BI** **S123179615**
WSW **218 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.186 mi.
983 ft. **Site 2 of 13 in cluster T**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SUSHI SAMS EDOMATA
34 ft. Address: 218 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001781
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069409
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

T265 **SIDEWALK JUICE** **San Mateo Co. BI** **S123183778**
WSW **212 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.190 mi.
1003 ft. **Site 3 of 13 in cluster T**

Relative: San Mateo Co. BI:
Higher

Name:	SIDEWALK JUICE
Address:	212 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0056132
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0077406
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Actual:
34 ft.

V266 **INTEGRITY MOTORS LLC** **RCRA NonGen / NLR** **1025870229**
NW **110 S CLAREMONT** **CAL000422470**
1/8-1/4 **SAN MATEO, CA 94402**
0.190 mi.
1005 ft. **Site 1 of 9 in cluster V**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:		2016-11-18 00:00:00.0
Handler Name:	INTEGRITY MOTORS LLC	
Handler Address:		110 S CLAREMONT
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAL000422470
Contact Name:		IMAD KRAYEM
Contact Address:		1109 S RAILROAD AVE
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		650-573-5352
Contact Fax:		650-522-9243
Contact Email:		INTEGRITYBMW@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1109 S RAILROAD AVE
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		INTEGRITY MOTORS LLC
Owner Type:		Other
Operator Name:		IMAD KRAYEM
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

Actual:
26 ft.

INTEGRITY MOTORS LLC (Continued) **1025870229**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:07:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTEGRITY MOTORS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1109 S RAILROAD AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402

INTEGRITY MOTORS LLC (Continued) **1025870229**

Owner/Operator Telephone:	650-346-8465
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	IMAD KRAYEM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1109 S RAILROAD AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-573-5352
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-11-18 00:00:00.0
Handler Name: INTEGRITY MOTORS LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

V267 **OTOS AUTOMOTIVE** **HIST UST** **U001596001**
NW **110 SO CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.190 mi.
1005 ft. **Site 2 of 9 in cluster V**

Relative: **Higher**
Actual: **26 ft.**

HIST UST:

Name:	OTOS AUTOMOTIVE
Address:	110 SO CLAREMONT
City,State,Zip:	SAN MATEO, CA 94401
File Number:	0002BE57
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BE57.pdf
Region:	STATE
Facility ID:	00000028488

OTOS AUTOMOTIVE (Continued) **U001596001**

Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	ERNEST OTO
Telephone:	4153423992
Owner Name:	ERNEST OTO
Owner Address:	110 SO CLAREMONT
Owner City,St,Zip:	SAN MATEO, CA 94401
Total Tanks:	0003
Tank Num:	001
Container Num:	3
Year Installed:	1980
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	001
Container Num:	3
Year Installed:	1980
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1980
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1980
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	1
Year Installed:	1957
Tank Capacity:	00000300
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	1
Year Installed:	1957

OTOS AUTOMOTIVE (Continued) **U001596001**

Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

V268 **LMP1 TOWING & AUTO REPAIR LLC** **CERS HAZ WASTE** **S121778480**
NW **110 S CLAREMONT ST** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.190 mi.
1005 ft. **Site 3 of 9 in cluster V**

Relative:
Higher

Actual:
26 ft.

CERS HAZ WASTE:
Name: LMP1 TOWING & AUTO REPAIR LLC
Address: 110 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 572221
CERS ID: 10861714
CERS Description: Hazardous Waste Generator

CERS:
Name: LMP1 TOWING & AUTO REPAIR LLC
Address: 110 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 572221
CERS ID: 10861714
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 572221
Site Name: LMP1 TOWING & AUTO REPAIR LLC
Violation Date: 12-01-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/06/2021. OBSERVED: No HMBP yet submitted for used oil tank and waste antifreeze tank (over 55 gallons).
REQUIRED ACTION: Submit HMBP using the electronic submission portal by the comply by date. Resources: You can submit on either our local portal: https://ehesubmit.smchealth.org/ Or the State portal: https://ehesubmit.smchealth.org/
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 572221
Site Name: LMP1 TOWING & AUTO REPAIR LLC
Violation Date: 12-01-2020
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire

LMP1 TOWING & AUTO REPAIR LLC (Continued) **S121778480**

department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 12/14/2020. OBSERVED: No emergency phone number or map/locations of emergency equipment posted. REQUIRED ACTION: Post the emergency procedures form next to the phone or otherwise post the phone numbers for the emergency coordinators and the location of emergency equipment. Submit evidence of completion by the comply by date.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 572221
Site Name: LMP1 TOWING & AUTO REPAIR LLC
Violation Date: 12-01-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes: Returned to compliance on 12/14/2020. OBSERVED: The used oil tank container does not have the accumulation start date or the worlds "hazardous waste". REQUIRED ACTION: Mark the tank with the words hazardous waste and an accumulation start date. submit evidence of completion (a picture) to Env. Health by the comply by date. Label each container of hazardous waste with a hazardous waste label containing all required information.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 572221
Site Name: LMP1 TOWING & AUTO REPAIR LLC
Violation Date: 12-01-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/14/2020. OBSERVED: The waste antifreeze tote container does not have a hazardous waste label. REQUIRED ACTION: Mark the container with all of the requirements of hazardous waste labeling and submit evidence of completion (a picture) to Env. Health by the comply by date. Label each container of hazardous waste with a hazardous waste label containing all required information.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 572221
Site Name: LMP1 TOWING & AUTO REPAIR LLC
Violation Date: 12-01-2020
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.

LMP1 TOWING & AUTO REPAIR LLC (Continued) **S121778480**

Violation Notes:	Returned to compliance on 12/14/2020. OBSERVED: No training and facility is not aware of or completing all hazardous waste management requirements such as labeling. REQUIRED ACTION: Provide hazardous waste training to all employees who handle or otherwise manage hazardous waste and records. Recommend documenting it. Submit evidence of completion to Env. Health by the comply by date. Resources: - Free training is available via webinar with additional details on our website here: https://www.smchealth.org/hazwaste How to Register:- Contact the registrar at (800) 637-2384, fax the- registration form- - to (916) 353-2375, or email the- registration form- - to- registrar@nesglobal.net- to reserve your spot. Space is limited. - A free training video on basic hazardous waste management (3 hrs) is also found here. https://www.youtube.com/watch?v=jrwG6mmHy6U
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	572221
Site Name:	LMP1 TOWING & AUTO REPAIR LLC
Violation Date:	12-01-2020
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 01/28/2021. OBSERVED: No property owner notification documented. REQUIRED ACTION: Complete the property owner notification letter and send to them via mail or email. Submit evidence of correction to Env. Health by the comply by date. Resource: Template provided via email.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	572221
Site Name:	LMP1 TOWING & AUTO REPAIR LLC
Violation Date:	12-01-2020
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/14/2020. OBSERVED: No training documented. REQUIRED ACTION: Document HMBP training with all employees covering emergency/spill response and hazardous materials safety procedures. Submit documented evidence of completion to Env. Health by the comply by date. Recommend conducting hazardous waste training at the same time. Resource: See training record template provided via email.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-25-2021

LMP1 TOWING & AUTO REPAIR LLC (Continued) **S121778480**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted initial submission. Requested a copy of the property owner notification via email.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-01-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Initial inspection. HMBP not yet submitted. Inspection conducted Nov. 10. New facility registration form submitted and processed 12/1/20 and inspection reports finalized.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-01-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Physical inspection conducted Nov. 10, however the new facility registration form was completed 12/1 and the inspection was documented. This operator is sharing the facility with EV Auto. They have a new EPA ID CAL000458488. One used oil tank and one large antifreeze tote are currently in use. Waste lead acid batteries are also collected on site in small quantities. No waste pick-up records have been completed so far.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Moises Aguilar
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Moises Aguilar
Entity Title:	Co-owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Moises Aguilar

LMP1 TOWING & AUTO REPAIR LLC (Continued) **S121778480**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 315-2550
Affiliation Type Desc:	Environmental Contact
Entity Name:	Moises Aguilar
Entity Title:	Not reported
Affiliation Address:	110 S CLAREMONT ST
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	110 S CLAREMONT ST
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	AGUILAR, RODOLFO
Entity Title:	Not reported
Affiliation Address:	110 S CLAREMONT ST
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 315-2550
Affiliation Type Desc:	Parent Corporation
Entity Name:	LMP1 TOWING & AUTO REPAIR LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

V269 **OTOS AUTOMOTIVE** **HIST UST** **U001596002**
NW **110 S CLAREMONT ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.190 mi.
1005 ft. **Site 4 of 9 in cluster V**

Relative: **Higher**

Actual: **26 ft.**

HIST UST:

Name:	OTOS AUTOMOTIVE
Address:	110 S CLAREMONT ST
City,State,Zip:	SAN MATEO, CA 94401
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000057003
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	ERNEST OTO
Telephone:	4153423992
Owner Name:	ERNEST OTO
Owner Address:	110 SO CLAREMONT
Owner City,St,Zip:	SAN MATEO, CA 94401
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1980
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	3
Year Installed:	1957
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	2
Year Installed:	1980
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

V270 **EV AUTO SERVICE LLC** **RCRA NonGen / NLR** **1026491744**
NW **110 S CLAREMONT ST** **CAL000456506**
1/8-1/4 **SAN MATEO, CA 94401**
0.190 mi.
1005 ft. **Site 5 of 9 in cluster V**

Relative: **Higher**
Actual: **26 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-08-27 00:00:00.0
Handler Name:	EV AUTO SERVICE LLC	
Handler Address:		110 S CLAREMONT ST
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000456506
Contact Name:		PRISCILA VASQUEZ
Contact Address:		110 S CLAREMONT ST
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		650-343-0988
Contact Fax:		Not reported
Contact Email:		EVAUTOSERVICESM@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		110 S CLAREMONT ST
Mailing City,State,Zip:		SAN MATEO, CA 94401
Owner Name:		ELMER VASQUEZ
Owner Type:		Other
Operator Name:		PRISCILA VASQUEZ
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

EV AUTO SERVICE LLC (Continued) **1026491744**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-09-04 15:31:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELMER VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-293-7738
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRISCILA VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-343-0988
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

EV AUTO SERVICE LLC (Continued) **1026491744**

Historic Generators:
- Receive Date: 2020-08-27 00:00:00.0
- Handler Name: EV AUTO SERVICE LLC
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 811111
- NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

V271 **LMP1 TOWING AND AUTO REPAIR LLC** **RCRA NonGen / NLR** **1026493665**
NW **110 S CLAREMONT ST** **CAL000458488**
1/8-1/4 **SAN MATEO, CA 94401**
0.190 mi.
1005 ft. **Site 6 of 9 in cluster V**

Relative: **Higher**
Actual: **26 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 2020-11-24 00:00:00.0
- Handler Name: LMP1 TOWING AND AUTO REPAIR LLC
- Handler Address: 110 S CLAREMONT ST
- Handler City,State,Zip: SAN MATEO, CA 94401
- EPA ID: CAL000458488
- Contact Name: RODOLFO AGUILAR
- Contact Address: 17442 MEEKLAND AVE
- Contact City,State,Zip: HAYWARD, CA 94541
- Contact Telephone: 510-207-0394
- Contact Fax: Not reported
- Contact Email: LMP1AUTOREPAIR@GMAIL.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Not reported
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 110 S CLAREMONT ST
- Mailing City,State,Zip: SAN MATEO, CA 94401
- Owner Name: LMP1 TOWING AND AUTO REPAIR LLC

LMP1 TOWING AND AUTO REPAIR LLC (Continued) **1026493665**

Owner Type:	Other
Operator Name:	RODOLFO AGUILAR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-30 19:33:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

LMP1 TOWING AND AUTO REPAIR LLC (Continued) **1026493665**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RODOLFO AGUILAR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17442 MEEKLAND AVE
Owner/Operator City,State,Zip:	HAYWARD, CA 94541
Owner/Operator Telephone:	510-207-0394
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LMP1 TOWING AND AUTO REPAIR LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	510-207-0394
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-11-24 00:00:00.0
Handler Name:	LMP1 TOWING AND AUTO REPAIR LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

P272 **SAN MATEO CENTRAL PARKING STRUCTURE** **RCRA-SQG** **1025878964**
WSW **315 S ELLSWORTH AVE** **CAP000056622**
1/8-1/4 **SAN MATEO, CA 94401**
0.191 mi.
1008 ft. **Site 15 of 15 in cluster P**

Relative: **Higher**

Actual: **35 ft.**

RCRA-SQG:

Date Form Received by Agency:	1999-09-17 00:00:00.0
Handler Name:	SAN MATEO CENTRAL PARKING STRUCTURE
Handler Address:	315 S ELLSWORTH AVE
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAP000056622
Contact Name:	LARRY SALERNO
Contact Address:	1970 BROADWAY STE 710
Contact City,State,Zip:	OAKLAND, CA 94612
Contact Telephone:	510-719-8285
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Municipal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	315 S ELLSWORTH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401
Owner Name:	CITY OF SAN MATEO
Owner Type:	Municipal
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SAN MATEO CENTRAL PARKING STRUCTURE (Continued) **1025878964**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-22 12:10:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SAN MATEO
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	330 W 20TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94403
Owner/Operator Telephone:	650-522-7300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-09-17 00:00:00.0
Handler Name:	SAN MATEO CENTRAL PARKING STRUCTURE
Federal Waste Generator Description:	Small Quantity Generator

SAN MATEO CENTRAL PARKING STRUCTURE (Continued) **1025878964**

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

W273 **GOOD YEAR TIRE STORE, FORMER** **LUST** **S106131335**
South **616 S B ST** **N/A**
1/8-1/4 **SAN MATEO, CA**
0.191 mi.
1010 ft. **Site 1 of 5 in cluster W**

Relative: **Higher**
Actual: **28 ft.**

SAN MATEO CO. LUST:

Name:	GOOD YEAR TIRE STORE, FORMER
Address:	616 S B ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	119117
Facility Status:	9- Case Closed
Global ID:	T0608166129
APN Number:	034194030
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

W274 **KELLY MOORE PAINT CO** **CERS HAZ WASTE** **S121742016**
South **616 S B ST** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.191 mi.
1010 ft. **Site 2 of 5 in cluster W**

Relative: **Higher**
Actual: **28 ft.**

CERS HAZ WASTE:

Name:	KELLY MOORE PAINT CO
Address:	616 S B ST
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	127487
CERS ID:	10067377
CERS Description:	Hazardous Waste Generator

CERS:
Name: KELLY MOORE PAINT CO

KELLY MOORE PAINT CO (Continued) **S121742016**

Address: 616 S B ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 127487
CERS ID: 10067377
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 127487
Site Name: KELLY MOORE PAINT CO
Violation Date: 10-31-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 11/18/2019. UNDETERMINED: The hazardous waste pickup from 9/5/19 was on site, however, no other hazardous waste records could be located today. REQUIRED ACTION: Provide a copy of all hazardous waste manifests from the last two years to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 127487
Site Name: KELLY MOORE PAINT CO
Violation Date: 10-23-2013
Citation: HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description: Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes: Returned to compliance on 10/28/2013.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 127487
Site Name: KELLY MOORE PAINT CO
Violation Date: 10-31-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 11/22/2019. OBSERVATION: Changes have occurred in facility storage. Map is no longer accurate for hazardous materials/waste storage. REQUIRED ACTION: Update the map to adjust the location of CCA tint storage now located across from break room. Add waste/recyclable materials to HMBP map as well. Submit an updated map to CERS within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 127487
Site Name: KELLY MOORE PAINT CO
Violation Date: 10-31-2019

KELLY MOORE PAINT CO (Continued) **S121742016**

Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 11/22/2019. Mistint paint has been picked up from the site in quantities of 2,350 lbs. When over 55 gallons or 500 lbs of a hazardous material is stored on site, it must be added to the hazardous materials business plan. The waste tint containers were picked up recently in a quantity of 300 lbs. If this exceeds 500 lbs, add this item to the HMBP. REQUIRED ACTION: Submit update to HMBP within to 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Violation Date:	10-30-2017
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 10/30/2017. Emergency phone numbers posted during the inspection on the "emergency procedures" form.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Violation Date:	10-31-2019
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 11/18/2019. OBSERVATION: The eyewash station was last inspected 6/24/16. Water typically needs to be changed out on a regular basis. REQUIRED ACTION: Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Violation Date:	10-31-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter

KELLY MOORE PAINT CO (Continued) **S121742016**

	6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 11/22/2019. UNDETERMINED: We could not locate a copy of the HMBP training record. REQUIRED ACTION: Submit a copy of the HMBP training for 2018, 2019 to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Violation Date:	10-31-2019
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 11/27/2019. The property owner notification could not be located during the inspection. Submit a copy of this completed record to Env. Health after sending it to the property owner and within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Violation Date:	10-31-2019
Citation:	22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes:	Returned to compliance on 11/18/2019. UNDETERMINED: Please verify if a copy of each hazardous waste manifest has been submitted to DTSC within 30 days of the pickup. Procedure states Janet Bailey jbailey@kellymoore.com sends a copy of the manifest to the state. Please confirm this was sent.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Violation Date:	10-23-2013
Citation:	19 CCR 4 2729.2(a)(1) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(1)
Violation Description:	Owner/Operator failed to complete and/or submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 10/28/2013.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

KELLY MOORE PAINT CO (Continued) **S121742016**

Site ID: 127487
Site Name: KELLY MOORE PAINT CO
Violation Date: 10-31-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/27/2019. The waste colorant containers stored in tri-wall cardboard boxes in the back room storage area did not have a hazardous waste label on them (2 on site today). Multiple containers of hazardous waste are missing the "hazardous properties" information (ex. toxic). REQUIRED ACTION: Add or update the labels and submit evidence of correction to Env. Health.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted updated plan.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with no changes.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updates to map and contingency plan with minor comments.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

KELLY MOORE PAINT CO (Continued) **S121742016**

Eval General Type:	Other/Unknown
Eval Date:	04-09-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-30-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No significant changes to the HMBP. Most material is retail, however paint mixing is conducted at the facility.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-30-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility uses a colorant which is cleaned out of equipment and is removed from site as non-hazardous waste by Ingenium. Latex paint was generated in 2014. Typically it is only hazardous waste if it does not meet the PaintCare standards. Kelly Moore Sacramento facility uses all mixed paint, regardless of if it is the correct color or not. The last uniform hazardous waste manifest was from 2014, August. No hazardous waste observed on site. PaintCare storage containers were in good condition.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency

KELLY MOORE PAINT CO (Continued) **S121742016**

Eval Notes:	Facility may need more handout to provide to the public about the HHW facility. New waste determination: Tint containers 300 lbs last pickup (estimated to be picked up every 3 months) 10/24/18 mistints pickup 2-4 pickups per year est. 2350 lbs per pickup Purge water: still non-hazardous waste according to facility personnel. Paintcare materials generated are estimated to be about 5000 lbs/month. Misc. waste materials included 5 gallon containers of waste absorbent material (spill clean-up), waste paint related material, aerosol based paint products, caulking compounds and other expired products or products determined to be waste by the facility. Hazardous Waste procedures document provided during the inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP last submitted 3/5/19. Email to Tod Loguidice: tlogiudice@kellymoore.com
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-06-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted CERS submission with updates.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Eyewash station removed. Determined not required by facility. Labels:

KELLY MOORE PAINT CO (Continued) **S121742016**

	Continue to review labels in hazardous waste area for proper information on contents and hazard warnings on each label. Manifests: No hazardous waste manifests generated after 2014 except one in 9/2019. Locate final copy (TSDF copy) and ensure it is kept on site for 3 years.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-18-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Map was updated during the inspection. Please submit this on the portal. All other items pending confirmation of correction or completion. Submit records to Env. Health by 11/30/19.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-22-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted HMBP update. Second update under review pending further discussion.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-02-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted updated HMBP pending further discussion with HMBP specialist.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	127487
Site Name:	KELLY MOORE PAINT CO
Site Address:	616 S B ST
Site City:	SAN MATEO
Site Zip:	94401
Enf Action Date:	10-23-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Operator

KELLY MOORE PAINT CO (Continued) **S121742016**

Entity Name:	Kelly Moore Paint Company INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 592-8337
Affiliation Type Desc:	Property Owner
Entity Name:	Luann Sauer (Raymond & Kathryn Fragulia, Trustees)
Entity Title:	Not reported
Affiliation Address:	830 Vista Drive
Affiliation City:	Emerald Hills
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94062
Affiliation Phone:	(650) 366-6371
Affiliation Type Desc:	Identification Signer
Entity Name:	Olga Arriaga
Entity Title:	Store Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Janet Bailey
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Olga Arriaga
Entity Title:	Not reported
Affiliation Address:	616 S B St
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Attn: Mary Logue, 987 Commercial St.
Affiliation City:	San Carlos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94070

KELLY MOORE PAINT CO (Continued) **S121742016**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Kelly Moore Paint Company INC.
Entity Title:	Not reported
Affiliation Address:	987 Commercial Street
Affiliation City:	San Carlos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94070
Affiliation Phone:	(650) 592-8337
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Parent Corporation
Entity Name:	1112 Kelly Moore Paint Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

W275 **KELLY MOORE PAINT CO INC** **RCRA NonGen / NLR** **1025880900**
South **616 S B ST** **CAP000203539**
1/8-1/4 **SAN MATEO, CA 94401**
0.191 mi.
1010 ft. **Site 3 of 5 in cluster W**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2010-02-02 00:00:00.0
Handler Name:	KELLY MOORE PAINT CO INC
Handler Address:	616 S B ST
Handler City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAP000203539
Contact Name:	DAVID R KAYS
Contact Address:	987 COMMERCIAL ST
Contact City,State,Zip:	SAN CARLOS, CA 94070
Contact Telephone:	817-799-3249
Contact Fax:	Not reported
Contact Email:	DKAYS@KELLYMOORE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

Actual:
28 ft.

KELLY MOORE PAINT CO INC (Continued) **1025880900**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	987 COMMERCIAL ST
Mailing City,State,Zip:	SAN CARLOS, CA 94070
Owner Name:	KELLY MOORE PAINT CO INC
Owner Type:	Private
Operator Name:	KELLY MOORE PAINT CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2010-02-05 13:50:59.0

KELLY MOORE PAINT CO INC (Continued) **1025880900**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KELLY MOORE PAINT CO INC
Legal Status:	Private
Date Became Current:	1992-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	987 COMMERCIAL ST
Owner/Operator City,State,Zip:	SAN CARLOS, CA 94070
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KELLY MOORE PAINT CO INC
Legal Status:	Private
Date Became Current:	1993-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KELLY MOORE PAINT CO INC
Legal Status:	Private
Date Became Current:	1992-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	987 COMMERCIAL ST
Owner/Operator City,State,Zip:	SAN CARLOS, CA 94070
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KELLY MOORE PAINT CO INC
Legal Status:	Private
Date Became Current:	1993-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

KELLY MOORE PAINT CO INC (Continued) **1025880900**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-11-03 00:00:00.0
Handler Name:	KELLY MOORE PAINT CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-02 00:00:00.0
Handler Name:	KELLY MOORE PAINT CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44412
NAICS Description:	PAINT AND WALLPAPER STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

W276 **GOODYEAR TIRE & RUBBER CO** **LUST** **S103894001**
South **616 B** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **Cortese**
0.191 mi. **HIST CORTESE**
1010 ft. **Site 4 of 5 in cluster W** **CERS**

Relative: **Higher**

Actual: **28 ft.**

LUST:

Name:	GOOD YEAR TIRE STORE, FORMER
Address:	616 SOUTH B STREET
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site

GOODYEAR TIRE & RUBBER CO (Continued) **S103894001**

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608166129
Global Id: T0608166129
Latitude: 37.562877
Longitude: -122.320002
Status: Completed - Case Closed
Status Date: 06/24/1998
Case Worker: Not reported
RB Case Number: Not reported
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 119117
Potential Media Affect: Soil
Potential Contaminants of Concern: Stoddard solvent / Mineral Spriits / Distillates
Site History: Not reported

LUST:
Global Id: T0608166129
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608166129
Action Type: ENFORCEMENT
Date: 02/05/1998
Action: * Historical Enforcement - #1

Global Id: T0608166129
Action Type: Other
Date: 11/13/1992
Action: Leak Reported

Global Id: T0608166129
Action Type: REMEDIATION
Date: 11/13/1992
Action: Excavation

LUST:
Global Id: T0608166129
Status: Open - Case Begin Date
Status Date: 11/13/1992

Global Id: T0608166129
Status: Completed - Case Closed
Status Date: 06/24/1998

San Mateo Co. BI:
Name: KELLY MOORE PAINT CO
Address: 616 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

GOODYEAR TIRE & RUBBER CO (Continued) **S103894001**

Facility ID: FA0024690
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0029575
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: KELLY MOORE PAINT CO
Address: 616 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0024690
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068791
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: KELLY MOORE PAINT CO
Address: 616 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0024690
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0067361
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: GOOD YEAR TIRE STORE, FORMER
Address: 616 SOUTH B STREET
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608166129
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

GOODYEAR TIRE & RUBBER CO (Continued) **S103894001**

edr_fname: GOODYEAR TIRE & RUBBER CO
edr_fadd1: 616 B
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1070

CERS:
Name: GOOD YEAR TIRE STORE, FORMER
Address: 616 SOUTH B STREET
City,State,Zip: SAN MATEO, CA 94402
Site ID: 217892
CERS ID: T0608166129
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

W277 **KELLY MOORE PAINT CO, INC.** **RCRA NonGen / NLR** **1024820450**
South **616 S B ST** **CAL000333634**
1/8-1/4 **SAN MATEO, CA 94401**
0.191 mi.
1010 ft. **Site 5 of 5 in cluster W**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2008-06-13 00:00:00.0
Handler Name: KELLY MOORE PAINT CO, INC.
Handler Address: 616 S B ST
Handler City,State,Zip: SAN MATEO, CA 94401-4121
EPA ID: CAL000333634
Contact Name: JANET BAILEY
Contact Address: 987 COMMERCIAL ST
Contact City,State,Zip: SAN CARLOS, CA 94070
Contact Telephone: 650-610-4151
Contact Fax: 605-590-6355
Contact Email: JBAILEY@KELLYMOORE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 987 COMMERCIAL ST
Mailing City,State,Zip: SAN CARLOS, CA 94070-4108

KELLY MOORE PAINT CO, INC. (Continued) **1024820450**

Owner Name:	KELLY-MOORE PAINT CO INC
Owner Type:	Other
Operator Name:	JANET BAILEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

KELLY MOORE PAINT CO, INC. (Continued) **1024820450**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KELLY-MOORE PAINT CO INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 987 COMMERCIAL ST
Owner/Operator City,State,Zip: SAN CARLOS, CA 94070-4018
Owner/Operator Telephone: 650-592-8337
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JANET BAILEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 987 COMMERCIAL ST
Owner/Operator City,State,Zip: SAN CARLOS, CA 94070
Owner/Operator Telephone: 650-610-4151
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2008-06-13 00:00:00.0
Handler Name: KELLY MOORE PAINT CO, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44412
NAICS Description: PAINT AND WALLPAPER STORES

NAICS Code: 44419
NAICS Description: OTHER BUILDING MATERIAL DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T278 **LEVEL 236/ ATTIC** **San Mateo Co. BI** **S123182664**
West **236 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.193 mi.
1018 ft. **Site 4 of 13 in cluster T**

Relative: **Higher**
Actual: **32 ft.**

San Mateo Co. BI:

Name:	LEVEL 236/ ATTIC
Address:	236 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0046411
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069453
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

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279 **VIRGINIA FLEMING** **RCRA NonGen / NLR** **1026468120**
ESE **728 S. ELDORADO STREET** **CAC003073518**
1/8-1/4 **SAN MATEO, CA 94402**
0.195 mi.
1031 ft.

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-07-06 00:00:00.0
Handler Name:	VIRGINIA FLEMING	
Handler Address:		728 S. ELDORADO STREET
Handler City,State,Zip:		SAN MATEO, CA 94402
EPA ID:		CAC003073518
Contact Name:		VIRGINIA FLEMING
Contact Address:		728 S. ELDORADO STREET
Contact City,State,Zip:		SAN MATEO, CA 94402
Contact Telephone:		650-521-6442
Contact Fax:		Not reported
Contact Email:		ARIANAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		728 S. ELDORADO STREET
Mailing City,State,Zip:		SAN MATEO, CA 94402
Owner Name:		VIRGINIA FLEMING
Owner Type:		Other
Operator Name:		VIRGINIA FLEMING
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

VIRGINIA FLEMING (Continued) **1026468120**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-10 18:45:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VIRGINIA FLEMING
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	728 S. ELDORADO STREET
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402

VIRGINIA FLEMING (Continued) **1026468120**

Owner/Operator Telephone: 650-521-6442
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VIRGINIA FLEMING
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 728 S. ELDORADO STREET
Owner/Operator City,State,Zip: SAN MATEO, CA 94402
Owner/Operator Telephone: 650-521-6442
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-07-06 00:00:00.0
Handler Name: VIRGINIA FLEMING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

R280 **SHINOZAKI AUTOMOTIVE** **SWEEPS UST** **S101594020**
WNW **115 S RAILROAD AVE** **CA FID UST** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.197 mi.
1041 ft. **Site 12 of 13 in cluster R**

Relative:
Higher

Actual:
28 ft.

SWEEPS UST:
Name: SHINOZAKI AUTOMOTIVE
Address: 115 S RAILROAD AVE
City: SAN MATEO
Status: Not reported
Comp Number: 110131
Number: Not reported
Board Of Equalization: Not reported

SHINOZAKI AUTOMOTIVE (Continued) **S101594020**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110131-000003
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	2

Name:	SHINOZAKI AUTOMOTIVE
Address:	115 S RAILROAD AVE
City:	SAN MATEO
Status:	Not reported
Comp Number:	110131
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110131-000004
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	SHINOZAKI AUTOMOTIVE
Address:	115 S RAILROAD AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110131
Number:	2
Board Of Equalization:	Not reported
Referral Date:	11-10-93
Action Date:	11-10-93
Created Date:	07-08-92
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-110131-000001
Tank Status:	A
Capacity:	500
Active Date:	07-08-92
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	2

Name:	SHINOZAKI AUTOMOTIVE
Address:	115 S RAILROAD AVE
City:	SAN MATEO
Status:	Active

SHINOZAKI AUTOMOTIVE (Continued) **S101594020**

Comp Number:	110131
Number:	2
Board Of Equalization:	Not reported
Referral Date:	11-10-93
Action Date:	11-10-93
Created Date:	07-08-92
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-110131-000002
Tank Status:	A
Capacity:	1000
Active Date:	07-08-92
Tank Use:	EMPTY
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	41004827
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153493244
Mail To:	Not reported
Mailing Address:	115 S RAILROAD AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94402
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

R281 **CARLS AUTO BODY** **RCRA-SQG** **1000291658**
WNW **111 S RAILROAD AVE** **San Mateo Co. BI** **CAD108367475**
1/8-1/4 **SAN MATEO, CA 94401**
0.198 mi.
1048 ft. **Site 13 of 13 in cluster R**

Relative:
Higher

Actual:
28 ft.

RCRA-SQG:

Date Form Received by Agency:		1986-07-22 00:00:00.0
Handler Name:	CARLS AUTO BODY	
Handler Address:		111 S RAILROAD AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAD108367475
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		111 S RAILROAD AVE
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		415-344-6861
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator

CARLS AUTO BODY (Continued) **1000291658**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	111 S RAILROAD AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401
Owner Name:	SUE CARRUTH
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

CARLS AUTO BODY (Continued) **1000291658**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:21:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUE CARRUTH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-07-22 00:00:00.0
Handler Name: CARLS AUTO BODY	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

CARLS AUTO BODY (Continued) **1000291658**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

San Mateo Co. BI:
Name: RICKER MOTORS COLLISION SPECIALIST
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017008
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0010647
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: RICKER MOTORS COLLISION SPECIALIST
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017008
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003280
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EDDIES AUTO BODY AND REPAIR
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0048465
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0066227
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: LB AUTO BODY LLC
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0049215
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068933
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: LB AUTO BODY LLC
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

CARLS AUTO BODY (Continued) **1000291658**

Facility ID: FA0049215
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0067227
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CALIFORNIA AUTO BODY & REPAIR CENTER LLC
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052105
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0072267
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CALIFORNIA AUTO BODY & REPAIR CENTER LLC
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052105
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0072268
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CALIFORNIA AUTO BODY & REPAIR CENTER LLC
Address: 111 RAILROAD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0052105
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0072269
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

X282 **ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)** **San Mateo Co. BI** **S117976186**
SE **817 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.199 mi.
1052 ft. **Site 1 of 11 in cluster X**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:
Name: ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)
Address: 817 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0057970
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0080419
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S117976186**

Name:	ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)
Address:	817 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0057970
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0080420
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)
Address:	817 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0057970
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0080421
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

X283 **ALL CAR AUTO PAINTING & BODY REPAIR** **RCRA NonGen / NLR** **1024850104**
SE **817 S CLAREMONT ST** **CAL000407364**
1/8-1/4 **SAN MATEO, CA 94402**
0.199 mi.
1052 ft. **Site 2 of 11 in cluster X**

Relative: **Higher**

Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2015-06-01 00:00:00.0
Handler Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Handler Address:	817 S CLAREMONT ST
Handler City,State,Zip:	SAN MATEO, CA 94402
EPA ID:	CAL000407364
Contact Name:	LARRY FRANQUEZ
Contact Address:	501 NINTH AVE
Contact City,State,Zip:	SAN MATEO, CA 94402
Contact Telephone:	650-343-5624
Contact Fax:	650-343-5626
Contact Email:	LCFRANQUEZ@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	501 NINTH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	ROD DOWIAT
Owner Type:	Other
Operator Name:	LARRY FRANQUEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **1024850104**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:06:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
Owner/Operator Indicator: Operator

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **1024850104**

Owner/Operator Name:	LARRY FRANQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	501 NINTH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-343-5624
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROD DOWIAT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	501 NINTH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-343-5624
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-06-01 00:00:00.0
Handler Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

X284 **ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)** **CERS HAZ WASTE** **S121758556**
SE **817 S CLAREMONT ST** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.199 mi.
1052 ft. **Site 3 of 11 in cluster X**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:
Name: ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)
Address: 817 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Site ID: 273785
CERS ID: 10622143
CERS Description: Hazardous Waste Generator

CERS:
Name: ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO)
Address: 817 S CLAREMONT ST
City,State,Zip: SAN MATEO, CA 94402
Site ID: 273785
CERS ID: 10622143
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 273785
Site Name: All Car Auto Painting & Body Repair (San Mateo)
Violation Date: 09-19-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/10/2019. Update each hazardous waste label with the physical state and hazardous properties. Labels requiring update: Used oil, waste antifreeze, waste paint booth filters. Bondo was corrected during the inspection for the physical state and hazardous property but does not have an accumulation start date. This is required on the label. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 273785
Site Name: All Car Auto Painting & Body Repair (San Mateo)
Violation Date: 09-08-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 10/05/2017. Used oil and waste antifreeze

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

	last picked up, 7/24/15. Have the used oil and/or antifreeze picked up from the site or respond with evidence that the facility has not collected waste beyond the acceptable accumulation time. Submit a response to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	08-14-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description:	Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes:	Returned to compliance on 01/04/2016. Fire extinguisher must be inspected on monthly bases and documented
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	09-08-2017
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/05/2017. Several containers of used oil and/or antifreeze were not properly labeled at this facility during the inspection. Provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	09-08-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

	hazardous waste.
Violation Notes:	Returned to compliance on 10/20/2017. The EPA ID number (CAL000407364-) is inactive. Complete form 1358 and send it to the state to reactivate it. Form provided today. Complete the annual verification questionnaire online to keep this ID number active while the facility is in the hazardous waste generator program. Submit evidence of reactivation to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	09-08-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 09/08/2017. Property owner notification form filled out and mailed today. Ensure that a copy is filed in the facility records or order to provide it during each inspection.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	09-19-2019
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes:	Returned to compliance on 10/17/2019. CAL000407364, 817 S CLAREMONT ST SAN MATEO. No waste generated under this ID number. Set up you account to have waste picked up under this EPA ID number and correct any improperly documented manifests (wrong EPA ID number/location). Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	08-14-2015
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 01/04/2016. Safety eye wash must be inspected on a monthly bases and documented.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

Violation Date:	08-14-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/24/2015. Facility CER's #10622143 needs updating to show removal of all liquid hazardous materials/waste from facility
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	09-08-2017
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 10/05/2017. Map posted. The emergency phone numbers posting could not be located. Post the emergency procedures form or equivalent and provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	273785
Site Name:	All Car Auto Painting & Body Repair (San Mateo)
Violation Date:	09-19-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/17/2019. Training recorded for painter, body technicians , and managers on 1/16/19 (6 people). The training covered emergency response, hazard communication, and an evacuation drill. Training for administrative, office, or other employees could not be located today. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	03-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected inventory section due to missing federal hazard categories.
Eval Division:	San Mateo County Environmental Health

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-23-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Provided feedback on correcting submission for R134a. Otherwise accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-05-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-12-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted two plan submissions. The second one had a significant change on it, so I accepted that one and rejected the prior submission.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: South Claremont Location. - Property owner and business owner are not the same. Property owner notification form provided today. Continue to make sure the HMBP stays accessible to employees on site.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: South Claremont Location. All paint related wastes are generated at the 9th street location at this time. A small quantity of used oil/antifreeze is collected in this facility (2x15 gallon and 1x5 gal containers).
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inventory corrections and contact information updates accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-19-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	HMBP partially accepted 2/25/19 and 6/2/19. Full submission is currently accepted based on those two dates. Ensure that, when delivered, the acetone or other solvent is less than 55 gallons stored on site. If storing 55 gallons or more (Ex. 30 gal + 25 gallon) the 9th Ave. facility will be required to submit an HMBP. The property owner notification for A.J. Van Poppel is in the facility file.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-19-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Emergency procedures posting is at the front desk in the main office. Map is outside the office in the shop. Active ID numbers: CAD983656380 ALL CAR AUTO PAINTING & BODY REPAIR INC 501 9TH AVE SAN MATEO 944021826 Verification questionnaire completed and on file for 501 9th ave CAL000407364 ALL CAR AUTO PAINTING & BODY REPAIR 817 S CLAREMONT ST SAN MATEO 94402 Last updated 10/20/2017 - EVQ updated and completed during the inspection. No waste generated under this ID number. Set up you account to have waste picked up under this EPA ID number and correct any improperly documented manifests (wrong EPA ID number/location). Submit evidence of correction to Env. Health within 30 days. From <https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid =CAL000407364>
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-19-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HMBP partially accepted 2/25/19 and 6/2/19. Full submission is currently accepted based on those two dates. Ensure that, when delivered, the acetone or other solvent is less than 55 gallons stored on site. If storing 55 gallons or more (Ex. 30 gal + 25 gallon) the 9th Ave. facility will be required to submit an HMBP. The property

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

owner notification for A.J. Van Poppel is in the facility file.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with comments for the next submission. Training plan and EPA ID need to be updated.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inventory update accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-03-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updated contacts.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 273785
Facility Name: All Car Auto Painting & Body Repair (San Mateo)
Env Int Type Code: HWG
Program ID: 10622143
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.563380
Longitude: -122.316880

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: LARRY FRANQUEZ
Entity Title: MANAGER / CONTROLLER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ROD A. DOWIAT

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

Entity Title:	Not reported
Affiliation Address:	501 NINTH AVENUE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 678-4423
Affiliation Type Desc:	Parent Corporation
Entity Name:	All Car Auto Painting & Body Repair
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	LARRY FRANQUEZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	501 NINTH AVE.
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ROD A. DOWIAT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 678-4423
Affiliation Type Desc:	Environmental Contact
Entity Name:	Larry Franquez
Entity Title:	Not reported
Affiliation Address:	501 NINTH AVENUE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

ALL CAR AUTO PAINTING & BODY REPAIR (SAN MATEO) (Continued) **S121758556**

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

U285 **CHEESE STEAK SHOP** **San Mateo Co. BI** **S123183180**
West **206 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.200 mi.
1058 ft. **Site 3 of 20 in cluster U**

Relative: San Mateo Co. BI:
Higher

Actual: Name:	CHEESE STEAK SHOP
32 ft. Address:	206 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0051613
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0073229
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

T286 **RESIDENCE** **SWEEPS UST** **S106926389**
WSW **205 3RD** **San Mateo Co. BI** **N/A**
1/8-1/4 **SAN MATEO, CA 94403**
0.201 mi.
1061 ft. **Site 5 of 13 in cluster T**

Relative: SWEEPS UST:
Higher

Actual: Name:	FRAN TURNER
34 ft. Address:	205 E 3RD AVE
City:	SAN MATEO
Status:	Not reported
Comp Number:	110196
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110196-000001
Tank Status:	Not reported
Capacity:	1500
Active Date:	Not reported
Tank Use:	OIL
STG:	PRODUCT
Content:	OIL
Number Of Tanks:	1

RESIDENCE (Continued) **S106926389**

San Mateo Co. BI:

Name:	RESIDENCE
Address:	205 3RD
City,State,Zip:	SAN MATEO, CA 94403
Region:	SAN MATEO
Facility ID:	FA0016073
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022214
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Y287 **LOSK, GARRY** **RCRA NonGen / NLR** **1024763802**
North **737 2ND AVENUE** **CAC002983668**
1/8-1/4 **SAN MATEO, CA 94002**
0.201 mi.
1061 ft. **Site 1 of 3 in cluster Y**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-10-05 00:00:00.0
Handler Name:	LOSK, GARRY	
Handler Address:		737 2ND AVENUE
Handler City,State,Zip:		SAN MATEO, CA 94002
EPA ID:		CAC002983668
Contact Name:		LOSK, GARRY
Contact Address:		737 2ND AVENUE
Contact City,State,Zip:		SAN MATEO, CA 94002
Contact Telephone:		650-888-7986
Contact Fax:		510-651-7702
Contact Email:		MICKIEL@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		737 2ND AVENUE
Mailing City,State,Zip:		SAN MATEO, CA 94002
Owner Name:		LOSK, GARRY
Owner Type:		Other
Operator Name:		LOSK, GARRY
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes

LOSK, GARRY (Continued) **1024763802**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:29:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOSK, GARRY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	737 2ND AVENUE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94002
Owner/Operator Telephone:	650-888-7986
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

LOSK, GARRY (Continued) **1024763802**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LOSK, GARRY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 737 2ND AVENUE
Owner/Operator City,State,Zip: SAN MATEO, CA 94002
Owner/Operator Telephone: 650-888-7986
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2018-10-05 00:00:00.0
Handler Name: LOSK, GARRY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Y288 **NEIGHBORHOOD MARKET** **San Mateo Co. BI** **S122980282**
North **737 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.201 mi.
1061 ft. **Site 2 of 3 in cluster Y**

Relative: **Lower**
Actual: **19 ft.**

San Mateo Co. BI:
Name: NEIGHBORHOOD MARKET
Address: 737 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0001763
Prog Element Code: 3091
Record Id: PR0069658
Description: STORMWATER ANNUAL INSPECTION FEE
Facility Status: Inactive, non-billable
Program Category: STORMWATER

289
North
1/8-1/4
0.201 mi.
1062 ft.

OLYMPIAN OIL
901 E 003RD AVE
SAN MATEO, CA 94401

CA FID UST **S101593989**
N/A

Relative:
Lower

Actual:
18 ft.

CA FID UST:

Facility ID:	41004769
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153440381
Mail To:	Not reported
Mailing Address:	260 MICHELE CT
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

U290
West
1/8-1/4
0.205 mi.
1081 ft.

BRICK OVEN PIZZA
200 B
SAN MATEO, CA 94401

San Mateo Co. BI **S123180138**
N/A

Site 4 of 20 in cluster U

Relative:
Higher

Actual:
32 ft.

San Mateo Co. BI:

Name:	BRICK OVEN PIZZA
Address:	200 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0008577
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069373
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

U291
West
1/8-1/4
0.205 mi.
1082 ft.

AD O LITH
168 B
SAN MATEO, CA 94402

San Mateo Co. BI **S106981324**
N/A

Site 5 of 20 in cluster U

Relative:
Higher

Actual:
32 ft.

San Mateo Co. BI:

Name:	AD O LITH
Address:	168 B
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0013848
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024472
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT

AD O LITH (Continued) **S106981324**

Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AD O LITH
Address: 168 B
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0013848
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024473
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

T292 **DOWNTOWN CENTRAL PARKING GARAGE** **San Mateo Co. BI** **S106982018**
WSW **315 ELLSWORTH** **N/A**
1/8-1/4 **SAN MATEO, CA 94403**
0.206 mi.
1086 ft. **Site 6 of 13 in cluster T**

Relative: San Mateo Co. BI:
Higher
Actual: Name: DOWNTOWN CENTRAL PARKING GARAGE
35 ft. Address: 315 ELLSWORTH
City,State,Zip: SAN MATEO, CA 94403
Region: SAN MATEO
Facility ID: FA0025498
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0034069
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

T293 **ACQUAPAZZA** **San Mateo Co. BI** **S123180653**
WSW **201 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.206 mi.
1087 ft. **Site 7 of 13 in cluster T**

Relative: San Mateo Co. BI:
Higher
Actual: Name: ACQUAPAZZA
34 ft. Address: 201 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0022925
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069382
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

T294 **ROTI INDIAN BISTRO** **San Mateo Co. BI** **S123183449**
WSW **201 THIRD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.206 mi.
1087 ft. **Site 8 of 13 in cluster T**

Relative: San Mateo Co. BI:
Higher

Actual:
34 ft.

Name:	ROTI INDIAN BISTRO
Address:	201 THIRD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0053834
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0074375
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Q295 **YUPPIE** **San Mateo Co. BI** **S123179547**
South **709 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.207 mi.
1095 ft. **Site 9 of 11 in cluster Q**

Relative: San Mateo Co. BI:
Higher

Actual:
27 ft.

Name:	YUPPIE
Address:	709 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001522
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069648
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Q296 **C 3 AUTO INC** **RCRA NonGen / NLR** **1024850736**
South **315 8TH AVE** **CAL000408591**
1/8-1/4 **SAN MATEO, CA 94401**
0.211 mi.
1116 ft. **Site 10 of 11 in cluster Q**

Relative: RCRA NonGen / NLR:
Higher

Actual:
25 ft.

Date Form Received by Agency:		2015-07-17 00:00:00.0
Handler Name:	C 3 AUTO INC	
Handler Address:		315 8TH AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000408591
Contact Name:		JERRY HSU
Contact Address:		315 8TH AVE
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		650-342-1188
Contact Fax:		650-340-7363
Contact Email:		C3AUTOINC@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

C 3 AUTO INC (Continued) **1024850736**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	315 8TH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401
Owner Name:	C 3 AUTO INC
Owner Type:	Other
Operator Name:	JERRY HSU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

C 3 AUTO INC (Continued) **1024850736**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:06:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JERRY HSU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	315 8TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-342-1188
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C 3 AUTO INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	315 8TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401
Owner/Operator Telephone:	650-342-1188
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-07-17 00:00:00.0
Handler Name: C 3 AUTO INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

C 3 AUTO INC (Continued) **1024850736**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q297 **PRESTIGE AUTOWORKS** **San Mateo Co. BI** **S110071853**
South **315 8TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.211 mi.
1116 ft. **Site 11 of 11 in cluster Q**

Relative:
Higher

Actual:
25 ft.

San Mateo Co. BI:

Name:	PRESTIGE AUTOWORKS
Address:	315 8TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0005934
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0003430
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	PRESTIGE AUTOWORKS
Address:	315 8TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0005934
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010744
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	BE-2 AUTO SERVICE INC
Address:	315 8TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0045523
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068899
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	BE-2 AUTO SERVICE INC
Address:	315 8TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0045523
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0059770
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

PRESTIGE AUTOWORKS (Continued) **S110071853**

Name: BE-2 AUTO SERVICE INC
Address: 315 8TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045523
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0059771
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: C3 AUTO INC
Address: 315 8TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0058432
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0080974
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

V298 **AUTO EUROPA BODY & PAINT SHOP** **RCRA-VSQG** **1000325291**
WNW **400 1ST AVE** **FINDS** **CAD035335686**
1/8-1/4 **SAN MATEO, CA 94401** **ECHO**
0.212 mi. **EMI**
1119 ft. **Site 7 of 9 in cluster V** **HAZNET**
CERS
Relative: Higher **HWTS**

Actual: 27 ft.

RCRA-VSQG:
Date Form Received by Agency: 1986-03-05 00:00:00.0
Handler Name: AUTO EUROPA BODY & PAINT SHOP
Handler Address: 400 1ST AVE
Handler City,State,Zip: SAN MATEO, CA 94401
EPA ID: CAD035335686
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 400 1ST AVE
Contact City,State,Zip: SAN MATEO, CA 94401
Contact Telephone: 415-342-3824
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 2
Mailing Address: 400 1ST AVE
Mailing City,State,Zip: SAN MATEO, CA 94401
Owner Name: JAMES R SANTOS
Owner Type: Private
Operator Name: NOT REQUIRED
Operator Type: Private

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-09-17 13:59:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES R SANTOS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-03-05 00:00:00.0
Handler Name:	AUTO EUROPA BODY & PAINT SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1986-06-10 00:00:00.0
Actual Return to Compliance Date:	1991-06-10 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1986-06-10 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-06-10 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110002643097

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000325291
Registry ID:	110002643097
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002643097
Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401

EMI:

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1993
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

City,State,Zip:	SAN MATEO, CA 944010000
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: AUTO EUROPA AUTO BODY
Address: 400 1ST AVENUE
City,State,Zip: SAN MATEO, CA 944010000
Year: 2003
County Code: 41
Air Basin: SF
Facility ID: 7097
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: AUTO EUROPA AUTO BODY
Address: 400 1ST AVENUE
City,State,Zip: SAN MATEO, CA 944010000
Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 7097
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.642
Reactive Organic Gases Tons/Yr: 0.6084794
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: AUTO EUROPA AUTO BODY
Address: 400 1ST AVENUE
City,State,Zip: SAN MATEO, CA 944010000
Year: 2005
County Code: 41
Air Basin: SF
Facility ID: 7097
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .642
Reactive Organic Gases Tons/Yr: .6084794

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.642
Reactive Organic Gases Tons/Yr:	.6084794
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.642
Reactive Organic Gases Tons/Yr:	.6084794
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.332
Reactive Organic Gases Tons/Yr:	.3039156
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.33200000000000002
Reactive Organic Gases Tons/Yr:	0.30391560000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.33200000000000002
Reactive Organic Gases Tons/Yr:	0.30391560000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.332
Reactive Organic Gases Tons/Yr:	0.3039156
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.36
Reactive Organic Gases Tons/Yr:	0.301527
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.36
Reactive Organic Gases Tons/Yr:	0.301527
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2014
County Code:	41

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.359705388
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2015
County Code:	41
Air Basin:	SF
Facility ID:	7097
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.359705327
Reactive Organic Gases Tons/Yr:	0.359705326
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

Name:	AUTO EUROPA BODY & PAINT SHOP
Address:	400 1ST AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944010000
Contact:	DAVID RESEIGH/PRES
Telephone:	6503423821
Mailing Name:	Not reported
Mailing Address:	1920 LESLIE ST
Year:	2014
Gepaid:	CAD035335686
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0495
Year:	2014
Gepaid:	CAD035335686
TSD EPA ID:	NVD980895338
CA Waste Code:	343 - Unspecified organic liquid mixture

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.102

Year: 2011
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251

Year: 2010
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251

Year: 2009
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2502

Year: 2008
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251

Year: 2007
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251

Year: 2007
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1251

Year: 2006
Gepaid: CAD035335686
TSD EPA ID: CAD980884183
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.43785

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Year:	2006
Gepaid:	CAD035335686
TSD EPA ID:	CAD980884183
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1251

Click this hyperlink while viewing on your computer to access
31 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2006
Gen EPA ID:	CAD035335686
Shipment Date:	20061212
Creation Date:	4/19/2007 18:30:14
Receipt Date:	20061214
Manifest ID:	001421184JJK
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060810
Creation Date:	10/5/2006 18:32:01
Receipt Date:	20060816
Manifest ID:	25107462
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	CAD980884183
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060420
Creation Date:	7/29/2006 18:34:05
Receipt Date:	20060421
Manifest ID:	25107326
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	CAD980884183
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.18765
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060119
Creation Date:	8/10/2006 18:34:27
Receipt Date:	20060125
Manifest ID:	25107220
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Additional Info:

Year:	1995
Gen EPA ID:	CAD035335686
Shipment Date:	19950830
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950830
Manifest ID:	92881376
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950627
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950703
Manifest ID:	95668560
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD035335686

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Shipment Date:	19930831
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930902
Manifest ID:	93157856
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2805
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930419
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930421
Manifest ID:	92446258
Trans EPA ID:	CAD008302903
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930209
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930215
Manifest ID:	92446507
Trans EPA ID:	CAD008302903
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F003
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD035335686
Shipment Date:	20100302
Creation Date:	6/10/2010 18:30:08
Receipt Date:	20100310
Manifest ID:	000897923GBF
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD035335686
Shipment Date:	20080805
Creation Date:	9/25/2008 18:30:18
Receipt Date:	20080806
Manifest ID:	000777365GBF
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD035335686
Shipment Date:	20050929
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20051006
Manifest ID:	24672736
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050524
Creation Date:	7/27/2005 10:48:47
Receipt Date:	20050527
Manifest ID:	24060755
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050216
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050218
Manifest ID:	24060603
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD035335686
Shipment Date:	20031028
Creation Date:	8/4/2004 18:30:55
Receipt Date:	20031106
Manifest ID:	22550259
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030725
Creation Date:	7/28/2004 10:46:45
Receipt Date:	20030819
Manifest ID:	22242815
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030425
Creation Date:	9/2/2003 18:31:45
Receipt Date:	20030522
Manifest ID:	22242913
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030116
Creation Date:	5/21/2003 18:32:18

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Receipt Date:	20030130
Manifest ID:	22243031
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD035335686
Shipment Date:	19981009
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19981020
Manifest ID:	98200563
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980729
Creation Date:	9/22/1998 0:00:00
Receipt Date:	19980811
Manifest ID:	98200424
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3544
Waste Quantity:	85
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980519
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980521
Manifest ID:	97297700
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980225
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980304
Manifest ID:	97283587
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3336

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD035335686
Shipment Date:	19991222
Creation Date:	2/28/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99023193
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991213
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991228
Manifest ID:	99421222
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3961
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990927
Creation Date:	11/19/1999 0:00:00
Receipt Date:	19991005
Manifest ID:	99421590
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990722
Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990809
Manifest ID:	99421474
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990420
Creation Date:	6/10/1999 0:00:00
Receipt Date:	19990504
Manifest ID:	98720607
Trans EPA ID:	CAT000624247
Trans Name:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.4795
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990104
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19990118
Manifest ID:	98200683
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.4378
Waste Quantity:	105
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD035335686

Shipment Date:	20001201
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001205
Manifest ID:	20401045
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.271
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000906
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000908
Manifest ID:	20401154
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3961
Waste Quantity:	95
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000612
Creation Date:	8/2/2000 0:00:00
Receipt Date:	20000623
Manifest ID:	99639420
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000306
Creation Date:	5/3/2000 0:00:00
Receipt Date:	20000308
Manifest ID:	99639223
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD035335686
Shipment Date:	20110419
Creation Date:	6/16/2011 18:30:10
Receipt Date:	20110422
Manifest ID:	001450211GBF
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Additional Info:

Year:	2001
Gen EPA ID:	CAD035335686
Shipment Date:	20011211
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011227
Manifest ID:	20954011
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010913
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011016
Manifest ID:	20954144
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2376
Waste Quantity:	57
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010702
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010706
Manifest ID:	20954269
Trans EPA ID:	CAT000624247

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010319
Creation Date:	5/31/2001 0:00:00
Receipt Date:	20010330
Manifest ID:	20400837
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3419
Waste Quantity:	82
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD035335686

Shipment Date:	19961217
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	95297401
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960918
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960927
Manifest ID:	96041804
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2145
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960627
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960702
Manifest ID:	96152203
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2145
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960401
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960403
Manifest ID:	95742184
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960116
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19960119
Manifest ID:	95741793
Trans EPA ID:	CA0000367755
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD035335686

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Shipment Date:	20090909
Creation Date:	10/20/2009 18:30:23
Receipt Date:	20090916
Manifest ID:	000897776GBF
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090310
Creation Date:	4/14/2009 18:30:22
Receipt Date:	20090320
Manifest ID:	000777605GBF
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD035335686

Shipment Date:	20140819
Creation Date:	2/11/2015 22:15:01
Receipt Date:	20140911

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Manifest ID:	002570962GBF
Trans EPA ID:	CAL000827878
Trans Name:	AMERICAN VALLEY WASTE OIL INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MGMT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0495
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140819
Creation Date:	2/11/2015 22:15:01
Receipt Date:	20140911
Manifest ID:	002570962GBF
Trans EPA ID:	CAL000827878
Trans Name:	AMERICAN VALLEY WASTE OIL INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CA LP
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MGMT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD035335686

Shipment Date:	20020910
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020917
Manifest ID:	20583533
Trans EPA ID:	NJD080631369
Trans Name:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020405
Creation Date:	7/10/2002 18:30:49
Receipt Date:	20020411
Manifest ID:	21793535
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD035335686

Shipment Date:	20071210
Creation Date:	3/5/2008 18:30:27
Receipt Date:	20071214
Manifest ID:	003235713JJK
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM-RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070510
Creation Date:	10/18/2007 18:30:24
Receipt Date:	20070511
Manifest ID:	001421398JJK
Trans EPA ID:	CA0000646497
Trans Name:	SHOP HAZARDS SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD035335686
Shipment Date:	20041115
Creation Date:	1/20/2005 18:31:32
Receipt Date:	20041123
Manifest ID:	23628714
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040716
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040728
Manifest ID:	23628656
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040401
Creation Date:	10/14/2004 7:35:58
Receipt Date:	20040415
Manifest ID:	22550183
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.14595
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Shipment Date:	20040108
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20040127
Manifest ID:	22550328
Trans EPA ID:	CAT000624247
Trans Name:	MP ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD035335686

Shipment Date:	19971205
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971222
Manifest ID:	96708542
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970916
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970929
Manifest ID:	96708498
Trans EPA ID:	CAT000624247

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970718
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970722
Manifest ID:	96523457
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970512
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970520
Manifest ID:	96523582
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Meth Code:	R01 - Recycler
Quantity Tons:	0.271
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970217
Manifest ID:	95297599
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD035335686
Shipment Date:	19941213
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941215
Manifest ID:	93634110
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940719
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940720
Manifest ID:	93592229
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.264
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940131
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940202
Manifest ID:	93307129
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AUTO EUROPA AUTO BODY
Address:	400 1ST AVENUE
City,State,Zip:	SAN MATEO, CA 94401-3203

AUTO EUROPA BODY & PAINT SHOP (Continued) **1000325291**

Site ID: 453019
CERS ID: 110002643097
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ENVIR MGMT
Entity Title: Not reported
Affiliation Address: 400 1ST AVE
Affiliation City: SANMATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: AUTO EUROPA BODY & PAINT SHOP
Address: 400 1ST AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944010000
EPA ID: CAD035335686
Inactive Date: 06/30/2014
Create Date: 04/10/1987
Last Act Date: 01/27/2016
Mailing Name: Not reported
Mailing Address: 1920 LESLIE ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MATEO, CA 94403
Owner Name: AUTO EUROPA INC
Owner Address: 400 1ST AVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN MATEO, CA 944010000
Contact Name: DAVID RESEIGH/PRES
Contact Address: 1920 LESLIE ST
Contact Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94403

NAICS:
EPA ID: CAD035335686
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: 2014-06-30 00:00:00
Facility Name: AUTO EUROPA BODY & PAINT SHOP
Facility Address: 400 1ST AVE
Facility Address 2: Not reported
Facility City: SAN MATEO
Facility County: Not reported
Facility State: CA
Facility Zip: 944010000

U299 **NARU BENTO** **San Mateo Co. BI** **S123183527**
West **220 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.214 mi.
1129 ft. **Site 6 of 20 in cluster U**

Relative: San Mateo Co. BI:
Higher
Actual: Name: NARU BENTO
33 ft. Address: 220 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0054487
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0075810
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

U300 **SWEET BREAMS** **San Mateo Co. BI** **S123182306**
West **220 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.214 mi.
1129 ft. **Site 7 of 20 in cluster U**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SWEET BREAMS
33 ft. Address: 220 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0037597
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069412
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

X301 **SAN MATEO TIRE & BRAKE** **San Mateo Co. BI** **S106798232**
SE **829 CLAREMONT** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.217 mi.
1144 ft. **Site 4 of 11 in cluster X**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SAN MATEO TIRE & BRAKE
22 ft. Address: 829 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0017043
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003438
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: SAN MATEO TIRE & BRAKE
Address: 829 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO

SAN MATEO TIRE & BRAKE (Continued) **S106798232**

Facility ID:	FA0017043
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010678
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM
Name:	SAN MATEO TIRE & BRAKE
Address:	829 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0017043
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068771
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

X302 **SAN MATEO TIRE & BRAKE** **CERS HAZ WASTE** **S121789752**
SE **829 S CLAREMONT** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.217 mi.
1144 ft. **Site 5 of 11 in cluster X**

Relative:
Higher

Actual:
22 ft.

CERS HAZ WASTE:

Name:	SAN MATEO TIRE & BRAKE
Address:	829 S CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	64725
CERS ID:	10065601
CERS Description:	Hazardous Waste Generator

CERS:

Name:	SAN MATEO TIRE & BRAKE
Address:	829 S CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	64725
CERS ID:	10065601
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 04/09/2019. The used oil filters (paper) is marked with a 2016 accumulation start date. Provide evidence that the used oil paper filters have been picked up in the last year. Submit

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

	that to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 02/26/2019. The waste antifreeze was closed during the inspection. 2 used oil drums were closed during the inspection. The waste parts washing fluid lid could not be located during the inspection. Provide a picture showing the drum is closed or the manifest for the removal of the drum. Submit that to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-26-2016
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 09/26/2016. Used oil filter drums were open and not dated. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-26-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/30/2017. Send a copy of the completed training roster within 30 days to Env. Health.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-26-2016

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 09/26/2016. The emergency contacts and procedures were not posted. Emergency procedures form was provided and posted today.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-26-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 01/30/2017. Send a notification to your property owner. An example will be attached to the email. Report that this has been competed to env. health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/26/2019. The following items / labels are required to be corrected: 1. Accumulation start date on waste antifreeze. 2. Labels on 2 55 gallon drums of metal filters. No label observed. 3. waste parts washing fluid. No label observed. Provide evidence of correction with a picture of each drum and a picture of each completed label. If the drum has been removed, provide a copy of the manifest.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Violation Notes:	Returned to compliance on 04/09/2019. No verification a copy of the manifest 003774555 has been sent to the state. Provide evidence of correction and completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-26-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/30/2017. relabel 55 gallon drums (all) of used oil and waste antifreeze. Provide a picture of completed labeling to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 02/26/2019. No record found on site today. Submit a completed copy of the record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/26/2019. No training record available for review. A blank template was provided during the inspection. Submit the completed training record to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes:	Returned to compliance on 03/12/2019. The empty, mishapen used oil drum has been on site for longer than one year, although it is not dated. Have this drum properly recycled by a proper waste hauler. Provide evidence of correction (manifest or record) to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	03-27-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 05/21/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 09/28/2018. Partner information removed from

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

	the plan. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 03/28/2019. Manifest 003774555 final copy from the designated facility is missing. Verify that you have a copy of the manifest and send a copy to Env. Health within 30 days as evidence of correction.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	Returned to compliance on 02/26/2019. The used oil secondary containment and waste antifreeze secondary containment is filling with fluid. Remove this fluid to the drum and clean out the secondary containment. Provide evidence of correction (picture) to Env. Health by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-28-2018
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes:	Returned to compliance on 04/09/2019. California waste code is indicated in box 9b, line 1 instead of box 13.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Violation Date:	09-26-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 01/30/2017. Used oil drums were open today (3x55 gal). 2 of 3 were corrected on site. Waste antifreeze drum bung was open today. This was corrected on site. 1 55 gal waste oil filter drum was open. This was corrected on site. Provide a picture of closed containers to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The hazardous waste manifest for used paper filters was on site and documented for 12/2018. A correction letter was sent for manifests (003774555, 006153053). Ed also said a copy of each manifest has been sent to DTSC.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-18-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed certified plan. Accepted plan requested FHC.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-19-2014
Violations Found: No

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed certified plan. Accepted with comments.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: EPA ID number is active today. No uniform hazardous waste manifests on site nor on the tracking system. Less than 10 batteries stored on

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

site. 2015 records for hazardous waste pickups from Safety Kleen filed in the monthly records. Used oil last piked up 9/7/16 by Safety Kleen - 160 gals, 12/28/15 - 150 gal, 3/17/2014 165 gal , 1/5/14 -170, 7/7/14 - 165, 9/2/14 - 150, 10/27/14 - 165, 12/23/14 - 165 Waste Antifreeze: 11/3/15 - 100 gal 6/12/14 - 40 gals Used oil filters - 10/29/15, 9/5/14

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 4/11/18 - Used oil 200 gallons (400-600 gals per year) Waste parts washer serviced approx 4 times per year Waste antifreeze: one 55 gallon drum in the shop Used oil filters receipt dated 4/2018. Heritage-Crystal Clean transporter profile: https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report04.aspx?trans=5850
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HMBP last submitted 9/6/18 and accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-27-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted update. See comments on review.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility was inspected at 4:00 PM on Thursday Jan 17th. No violations had been corrected. We discussed the open violations and how to close

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

them. Ed said that they could be corrected by next week and we scheduled a re-inspection for the 26th.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility was inspected at 4:00 PM on Thursday Jan 17th. No violations had been corrected. We discussed the open violations and how to close them. Ed said that they could be corrected by next week and we scheduled a re-inspection for the 26th.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-24-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Visited facility at approximately 3:45 PM. I spoke with Ed Lee. He said he was not ready to conduct the follow-up inspection to close the violations. We discussed manifest rules, including the requirement to keep a copy of the designated facility manifest on site for 3 years. He was instructed to call the facility or his waste hauler for a copy of the final manifest. We also discussed the possibilities of a billed re-inspection if the violations were not corrected in a timely manner. No signature obtained.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-29-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted HMBP. PE review. HMBP PE 2161 is acceptable, but may be in the next fee category 2162 upon next evaluation. Hazardous waste PE 2220 (2.5-3 tons auto related HW /year)
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Ed reminded to keep secondary containment clean and dry. Collected paint cans are in the process of being recycled. Propane tanks are going back to the propane supplier.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Eval Date:	01-30-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Observed record of employee training and property owner notification. Ed reminded to conduct employee training annually.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Send a copy or evidence of correction to Env. Health by 4/5/19. We discussed how to correct the following: 1. Send a copy of the manifest for paper filters picked up in December (according to the label on the drum) to Env. Health. 2. A copy of the manifest was sent attempted to be copied, but the copy was too light to be legible. Send to: DTSC Generator Manifests Department of Toxic Substances Control P.O. Box 400 Sacramento, CA 95812-0400 3. The manifest correction letter was requested from Clearwater last Thursday, but they have not responded yet. It is the generator's responsibility to submit the manifest correction letter within a timely manner. Instructions: Manifest Correction Letters A manifest correction letter must be sent to DTSC whenever hazardous waste manifests submissions contain incorrect or incomplete information. Per California Health and Safety Code, section 25160.5, DTSC is authorized to charge a $20 manifest correction fee when [Truncated]
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Site Address:	829 S CLAREMONT
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	02-25-2019

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV certified letter delivered to Facility 2/27/2019. Violations corrected 4/9/19 inspection.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Site Address:	829 S CLAREMONT
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	02-25-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV certified letter delivered to Facility 2/27/2019. Violations corrected 4/9/19 inspection.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS
Site ID:	64725
Site Name:	SAN MATEO TIRE & BRAKE
Site Address:	829 S CLAREMONT
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	05-06-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	edward lee
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	SAN MATEO TIRE & BRAKE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	829 S CLAREMONT
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Legal Owner
Entity Name:	LEE, ED
Entity Title:	Not reported
Affiliation Address:	829 CLAREMONT
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 344-1502
Affiliation Type Desc:	Environmental Contact
Entity Name:	Edward Lee
Entity Title:	Not reported
Affiliation Address:	829 s claremont
Affiliation City:	san mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	edward lee
Entity Title:	partner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Edward Lee
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

SAN MATEO TIRE & BRAKE (Continued) **S121789752**

Affiliation Phone:	(650) 344-1502
Affiliation Type Desc:	Property Owner
Entity Name:	van popple
Entity Title:	Not reported
Affiliation Address:	p.o. box 550
Affiliation City:	diablo
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	94528
Affiliation Phone:	(925) 820-0366

X303 **SAN MATEO TIRE AND BRAKE** **RCRA NonGen / NLR** **1024804217**
SE **829 S CLAREMONT ST** **CAL000257039**
1/8-1/4 **SAN MATEO, CA 94402**
0.217 mi.
1144 ft. **Site 6 of 11 in cluster X**

Relative: **Higher**

Actual: **22 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2002-08-05 00:00:00.0
Handler Name:	SAN MATEO TIRE AND BRAKE
Handler Address:	829 S CLAREMONT ST
Handler City,State,Zip:	SAN MATEO, CA 94402
EPA ID:	CAL000257039
Contact Name:	EDWARD LEE
Contact Address:	829 S CLAREMONT ST
Contact City,State,Zip:	SAN MATEO, CA 94402
Contact Telephone:	650-344-1502
Contact Fax:	650-344-3278
Contact Email:	SANMATEOTIRE@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	829 S CLAREMONT ST
Mailing City,State,Zip:	SAN MATEO, CA 94402-0000
Owner Name:	EDWARD LEE
Owner Type:	Other
Operator Name:	EDWARD LEE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes

SAN MATEO TIRE AND BRAKE (Continued) **1024804217**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:46:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EDWARD LEE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	829 S CLAREMONT ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402-0000
Owner/Operator Telephone:	650-255-0531
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SAN MATEO TIRE AND BRAKE (Continued) **1024804217**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EDWARD LEE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 829 S CLAREMONT ST
Owner/Operator City,State,Zip: SAN MATEO, CA 94402
Owner/Operator Telephone: 650-344-1502
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2002-08-05 00:00:00.0
Handler Name: SAN MATEO TIRE AND BRAKE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

S304 **WISNOMS HARDWARE** **San Mateo Co. BI** **S119781535**
NW **1ST & DELAWARE** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.218 mi.
1149 ft. **Site 4 of 4 in cluster S**

Relative:
Higher

Actual:
22 ft.

San Mateo Co. BI:
Name: WISNOMS HARDWARE
Address: 1ST & DELAWARE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0013586
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0025713
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

WISNOMS HARDWARE (Continued) **S119781535**

Name:	WISNOMS HARDWARE
Address:	1ST & DELAWARE
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0013586
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022198
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

T305 **WALGREENS 3296** **RCRA-VSQG 1001115575**
WSW **191 E 3RD AVE** **FINDS CAR000015123**
1/8-1/4 **SAN MATEO, CA 94401** **ECHO**
0.218 mi. **San Mateo Co. BI**
1150 ft. **Site 9 of 13 in cluster T** **HAZNET**
HWTS

Relative:
Higher

Actual:
35 ft.

RCRA-VSQG:

Date Form Received by Agency:		2020-12-04 00:00:00.0
Handler Name:	WALGREENS 3296	
Handler Address:		191 E 3RD AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAR000015123
Contact Name:		AMBER DURKIN
Contact Address:		WILMOT ROAD 5TH FLOOR
Contact City,State,Zip:		DEERFIELD, IL 60015
Contact Telephone:		847-964-8816
Contact Fax:		Not reported
Contact Email:		AMBER.DURKIN@WALGREENS.COM
Contact Title:		APS SAFETY MGR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		WILMOT ROAD 5TH FLOOR
Mailing City,State,Zip:		DEERFIELD, IL 60015
Owner Name:		THE ROMAN CATHOLIC ARCHBISHOP OF SAN FRANCISCO
Owner Type:		Private
Operator Name:		WALGREEN CO
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

WALGREENS 3296 (Continued) **1001115575**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-12-11 13:16:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

WALGREENS 3296 (Continued) **1001115575**

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: THE ROMAN CATHOLIC ARCHBISHOP OF SAN FRANCISCO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ONE PETER YORKE WAY
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94109
Owner/Operator Telephone: 415-614-5500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WALGREENS 3296
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 191 E 3RD AVE
Owner/Operator City,State,Zip: SAN MATEO, CA 94401
Owner/Operator Telephone: 415-342-2012
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 200 WILMOT ROAD
Owner/Operator City,State,Zip: DEERFIELD, IL 60015
Owner/Operator Telephone: Not reported

WALGREENS 3296 (Continued) **1001115575**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2002-02-07 00:00:00.0
Handler Name: WALGREENS 3296
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-09-17 00:00:00.0
Handler Name: WALGREENS 3296
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2020-12-04 00:00:00.0
Handler Name: WALGREENS 3296
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2002-02-07 00:00:00.0
Handler Name: WALGREENS 3296
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

WALGREENS 3296 (Continued) **1001115575**

List of NAICS Codes and Descriptions:
NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 812922
NAICS Description: ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002914053

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001115575
Registry ID: 110002914053
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002914053
Name: WALGREENS #3296
Address: 191 E 3RD AVE
City,State,Zip: SAN MATEO, CA 94401

San Mateo Co. BI:
Name: WALGREENS #3296
Address: 191 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0026724
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0039051
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: WALGREENS #3296
Address: 191 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO

WALGREENS 3296 (Continued) **1001115575**

Facility ID: FA0026724
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0060245
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Active, billable
Program Category: MEDICAL WASTE

Name: WALGREENS #3296
Address: 191 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0026724
Prog Element Code: LIMITED MEDICAL WASTE HAULER EXEMPTION
Record Id: PR0065806
Description: SQG WITH TRANSPORT
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

Name: WALGREENS #3296
Address: 191 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0026724
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068804
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: WALGREENS #3296
Address: 191 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0026724
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0039052
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

HAZNET:
Name: WALGREENS 3296
Address: 191 E 3RD AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944010000
Contact: RUSS ROELLER MGR HSE QUALEX IN
Telephone: 9194843631
Mailing Name: Not reported
Mailing Address: 4020 STIRRUP CREEK DR STE 211

Year: 2001
Gepaid: CAR000015123
TSD EPA ID: CAD008252405
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 0.4378

WALGREENS 3296 (Continued) **1001115575**

Year: 2001
Gepaid: CAR000015123
TSD EPA ID: CAD981402522
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0.2502

Year: 2001
Gepaid: CAR000015123
TSD EPA ID: CAD981402522
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 8.5308

Year: 2000
Gepaid: CAR000015123
TSD EPA ID: CAD981402522
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0.0005

Year: 2000
Gepaid: CAR000015123
TSD EPA ID: CAD981402522
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 7.9098

Year: 2000
Gepaid: CAR000015123
TSD EPA ID: CAD981402522
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: -
Tons: 0.1167

Year: 1999
Gepaid: CAR000015123
TSD EPA ID: CAD981402522
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: R01 - Recycler
Tons: 1.6953

Year: 1996
Gepaid: CAR000015123
TSD EPA ID: CA0000084517
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H01 - Transfer Station
Tons: 0.3753

Additional Info:
Year: 2000
Gen EPA ID: CAR000015123

Shipment Date: 20001229
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001229

WALGREENS 3296 (Continued) **1001115575**

Manifest ID:	20447134
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001219
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001220
Manifest ID:	20447181
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001213
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001215
Manifest ID:	20241137
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported

WALGREENS 3296 (Continued) **1001115575**

Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001207
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001213
Manifest ID:	20447038
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1376
Waste Quantity:	33
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001130
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001201
Manifest ID:	20241174
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WALGREENS 3296 (Continued) **1001115575**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001129
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001129
Manifest ID:	20241124
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001129
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001129
Manifest ID:	20241124
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001115
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001115
Manifest ID:	20242503
Trans EPA ID:	CAD982433575
Trans Name:	Not reported

WALGREENS 3296 (Continued) **1001115575**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001113
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001115
Manifest ID:	20446805
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001104
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001108
Manifest ID:	20447853
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler

WALGREENS 3296 (Continued) **1001115575**

Quantity Tons:	0.1334
Waste Quantity:	32
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAR000015123
Shipment Date:	20011203
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	21290620
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011023
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011026
Manifest ID:	21412352
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALGREENS 3296 (Continued) **1001115575**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011018
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011019
Manifest ID:	20707274
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011013
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011017
Manifest ID:	21412026
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1167
Waste Quantity:	28
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011008
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011010
Manifest ID:	21412152
Trans EPA ID:	CAD982433575

WALGREENS 3296 (Continued) **1001115575**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1959
Waste Quantity:	47
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011001
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011003
Manifest ID:	21408665
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1709
Waste Quantity:	41
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010924
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010926
Manifest ID:	20703024
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

WALGREENS 3296 (Continued) **1001115575**

Meth Code:	R01 - Recycler
Quantity Tons:	0.1084
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010918
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010921
Manifest ID:	21408446
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010914
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010914
Manifest ID:	20707428
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALGREENS 3296 (Continued) **1001115575**

Shipment Date:	20010912
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010912
Manifest ID:	20702950
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAR000015123

Shipment Date:	19991227
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99817967
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991218
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991222
Manifest ID:	99821367
Trans EPA ID:	CAD982433575

WALGREENS 3296 (Continued) **1001115575**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991209
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991210
Manifest ID:	99431847
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991124
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991201
Manifest ID:	99431690
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

WALGREENS 3296 (Continued) **1001115575**

Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991115
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991117
Manifest ID:	99429915
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1084
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991115
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991117
Manifest ID:	99429915
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALGREENS 3296 (Continued) **1001115575**

Shipment Date:	19991106
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991110
Manifest ID:	99432031
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1626
Waste Quantity:	39
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991030
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991105
Manifest ID:	99428613
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991019
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991020
Manifest ID:	99432321
Trans EPA ID:	CAD982433575
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522

WALGREENS 3296 (Continued) **1001115575**

Trans Name: Not reported
TSDF Alt EPA ID: CAD981402522
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.2502
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991002
Creation Date: 12/16/1999 0:00:00
Receipt Date: 19991006
Manifest ID: 99430080
Trans EPA ID: CAD982433575
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981402522
Trans Name: Not reported
TSDF Alt EPA ID: CAD981402522
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Meth Code: R01 - Recycler
Quantity Tons: 0.1042
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAR000015123

Shipment Date: 19961014
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961021
Manifest ID: 96478574
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CA0000084517
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: D011

WALGREENS 3296 (Continued) **1001115575**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	WALGREENS 3296
Address:	191 E 3RD AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944010000
EPA ID:	CAR000015123
Inactive Date:	Not reported
Create Date:	02/26/1997
Last Act Date:	12/11/2020
Mailing Name:	Not reported
Mailing Address:	104 WILMOT RD 5TH FLR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	WALGREEN CO
Owner Address:	200 WILMOT ROAD
Owner Address 2:	Not reported
Owner City,State,Zip:	DEERFIELD, IL 600154012
Contact Name:	AMBER DURKIN
Contact Address:	104 WILMOT RD 5TH FLR
Contact Address 2:	Not reported
City,State,Zip:	DEERFIELD, IL 60015

NAICS:

EPA ID:	CAR000015123
Create Date:	2002-03-14 16:36:30.000
NAICS Code:	81292
NAICS Description:	Photofinishing
Issued EPA ID Date:	1997-02-26 00:00:00
Inactive Date:	Not reported
Facility Name:	WALGREENS 3296
Facility Address:	191 E 3RD AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944010000

T306 **WALGREENS #3296** **CERS HAZ WASTE** **S113149612**
WSW **191 E 3RD AVE** **HAZNET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HWTS**
0.218 mi.
1150 ft. **Site 10 of 13 in cluster T**

Relative:
Higher

Actual:
35 ft.

CERS HAZ WASTE:

Name:	WALGREENS #3296
Address:	191 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	84215
CERS ID:	10340419
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	07-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted only the updated ER Contacts.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-28-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted contact info update in CERS.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	11-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewing CERS Submission for updated contacts. Accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

WALGREENS #3296 (Continued) **S113149612**

Eval General Type:	Other/Unknown
Eval Date:	12-01-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected CERS submission due to missing item from activities page. Waiting for response to possibly update programs. Sent email. After receiving email, accepted the facility information and marked the other two sections as not applicable.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-08-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	During some months the facility is a large quantity generator with over 2.2. lbs of P listed hazardous waste. This month, the facility generated 2 pounds of p listed waste to date. Facility category for permit fee will be revised to reflect the generator status. Facility had waste picked up today, prior to the inspection. No waste was currently on site.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-21-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted updates to contacts (2).
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-22-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-22-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-27-2018
Violations Found:	No
Eval Type:	Routine done by local agency

WALGREENS #3296 (Continued) **S113149612**

Eval Notes: Facility generates about 1200 lbs per year hazardous waste and 1-2 lbs P listed waste each pickup (quarterly). We were not able to get into the sprinkler room today. Please check and make sure the annual and 5 year inspection certification is complete.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 84215
Facility Name: WALGREENS #3296
Env Int Type Code: HWG
Program ID: 10340419
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.564870
Longitude: -122.323400

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Verisk 3E, Regulatory/Walgreen Co., 3207 Grey Hawk Court, Suite 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92010
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Sara Trevino, on behalf of Walgreen Co.
Entity Title: Regulatory Compliance Specialist II, Verisk 3E
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Walgreen Co.
Entity Title: Not reported
Affiliation Address: 200 Wilmot Road
Affiliation City: Deefield
Affiliation State: IL
Affiliation Country: United States
Affiliation Zip: 60015
Affiliation Phone: (847) 914-2264

Affiliation Type Desc: Parent Corporation
Entity Name: Walgreens
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

WALGREENS #3296 (Continued) **S113149612**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Verisk 3E, Regulatory Department/Walgreen Co.
Entity Title: Not reported
Affiliation Address: 3207 Grey Hawk Court, Suite 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92057
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Walgreen Co.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (847) 914-2264

Affiliation Type Desc: Document Preparer
Entity Name: Sara Trevino, on behalf of Walgreen Co.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

HAZNET:
Name: WALGREENS #3296
Address: 191 E 3RD AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 920100000
Contact: KARINA ROMERO
Telephone: 7606028700
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT. SUITE 200

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: CAD008364432

WALGREENS #3296 (Continued) **S113149612**

CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02400

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: NVD980895338
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H121 - Neutralization Only
Tons: 0.00200

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: NVD980895338
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01450

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: NVD980895338
CA Waste Code: 131 - Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Disposal Method: H070 -
Tons: 0.00100

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: AZR000515924
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.10850

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: INR000110197
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00150

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.04550

Year: 2019
Gepaid: CAL000324266
TSD EPA ID: AZR000515924
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WALGREENS #3296 (Continued) **S113149612**

Tons:	0.14550
Year:	2019
Gepaid:	CAL000324266
TSD EPA ID:	CAD008364432
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00450
Year:	2018
Gepaid:	CAL000324266
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03750

Click this hyperlink while viewing on your computer to access
81 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2014
Gen EPA ID:	CAL000324266
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC

WALGREENS #3296 (Continued) **S113149612**

Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.094
Waste Quantity:	188
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported

WALGREENS #3296 (Continued) **S113149612**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.034
Waste Quantity:	68
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0185
Waste Quantity:	37
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141216
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H070 - Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210

WALGREENS #3296 (Continued) **S113149612**

Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141216
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141210
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20141216
Manifest ID:	007294499FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000324266

Shipment Date:	20151111
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151202
Manifest ID:	008517972FLE

WALGREENS #3296 (Continued) **S113149612**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0195
Waste Quantity:	39
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported

WALGREENS #3296 (Continued) **S113149612**

TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0655
Waste Quantity:	131
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WALGREENS #3296 (Continued) **S113149612**

Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	9/29/2016 18:33:11
Receipt Date:	19971216
Manifest ID:	008517973FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151202
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924

WALGREENS #3296 (Continued) **S113149612**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000324266
Shipment Date:	20131105
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131125
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0195
Waste Quantity:	39
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131125
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC

WALGREENS #3296 (Continued) **S113149612**

TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131125
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131125
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

WALGREENS #3296 (Continued) **S113149612**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131105
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.134
Waste Quantity:	268
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Shipment Date:	20131105
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131105
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131105
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC

WALGREENS #3296 (Continued) **S113149612**

Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.042
Waste Quantity:	84
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131105
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006237654FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000324266

Shipment Date:	20111018
Creation Date:	11/28/2012 22:15:25
Receipt Date:	20111103
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported

WALGREENS #3296 (Continued) **S113149612**

TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111018
Creation Date:	11/28/2012 22:15:25
Receipt Date:	20111103
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P

WALGREENS #3296 (Continued) **S113149612**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.119
Waste Quantity:	238
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111018
Creation Date:	Not reported
Receipt Date:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111018
Creation Date:	11/28/2012 22:15:25
Receipt Date:	20111103
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111018
Creation Date:	11/28/2012 22:15:25
Receipt Date:	20111103
Manifest ID:	005011398FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC

WALGREENS #3296 (Continued) **S113149612**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.012
Waste Quantity:	24
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110721
Creation Date:	11/19/2012 22:15:08
Receipt Date:	20110810
Manifest ID:	004509814FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110721
Creation Date:	11/19/2012 22:15:08
Receipt Date:	20110810
Manifest ID:	004509814FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.001
Waste Quantity:	2

WALGREENS #3296 (Continued) **S113149612**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000324266
Shipment Date:	20171207
Creation Date:	9/26/2018 18:30:11
Receipt Date:	20180118
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	9/26/2018 18:30:11
Receipt Date:	20180118
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	9/26/2018 18:30:11
Receipt Date:	20180118
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	9/26/2018 18:30:11
Receipt Date:	20180118
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	Not reported
Receipt Date:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1055
Waste Quantity:	211
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

WALGREENS #3296 (Continued) **S113149612**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1055
Waste Quantity:	211
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005

WALGREENS #3296 (Continued) **S113149612**

Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010733469FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000324266
Shipment Date:	20091105
Creation Date:	6/29/2010 18:30:46
Receipt Date:	20091208
Manifest ID:	002555000FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090723
Creation Date:	3/5/2010 18:30:08
Receipt Date:	20090824
Manifest ID:	002554594FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090723
Creation Date:	3/5/2010 18:30:08
Receipt Date:	20090824
Manifest ID:	002554594FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090723
Creation Date:	3/5/2010 18:30:08
Receipt Date:	20090824

WALGREENS #3296 (Continued) **S113149612**

Manifest ID:	002554594FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0295
Waste Quantity:	59
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090422
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002581812FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090422
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090518
Manifest ID:	002581812FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090422
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090518
Manifest ID:	002581812FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090422
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090518
Manifest ID:	002581812FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090422
Creation Date:	9/25/2009 18:30:20
Receipt Date:	20090518
Manifest ID:	002581812FLE
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090123
Creation Date:	6/16/2009 18:30:21
Receipt Date:	20090206
Manifest ID:	002581571FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000324266

WALGREENS #3296 (Continued) **S113149612**

Shipment Date:	20151111
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151202
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151111
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151202
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617

WALGREENS #3296 (Continued) **S113149612**

Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151202
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	9/29/2016 18:33:11
Receipt Date:	19971216
Manifest ID:	008517973FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P

WALGREENS #3296 (Continued) **S113149612**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151202
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0195
Waste Quantity:	39
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151111

WALGREENS #3296 (Continued) **S113149612**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008517972FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000210617
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL OF CALIFORNIA
TSDF EPA ID:	CAD980884183
Trans Name:	GENERAL ENVIRONMENTAL MGT LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000324266
Shipment Date:	20081015
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001107883FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081015
Creation Date:	3/24/2009 18:30:28
Receipt Date:	20081030
Manifest ID:	001107883FLE
Trans EPA ID:	SCD987584778

WALGREENS #3296 (Continued) **S113149612**

Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081015
Creation Date:	3/24/2009 18:30:28
Receipt Date:	20081030
Manifest ID:	001107883FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081015
Creation Date:	3/24/2009 18:30:28
Receipt Date:	20081030
Manifest ID:	001107883FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions

WALGREENS #3296 (Continued) **S113149612**

	(azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081015
Creation Date:	3/24/2009 18:30:28
Receipt Date:	20081030
Manifest ID:	001107883FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080716
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001107649FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080716
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001107649FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080716
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001107649FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080716
Creation Date:	Not reported
Receipt Date:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Manifest ID:	001107649FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080716
Creation Date:	1/28/2009 18:30:07
Receipt Date:	20080805
Manifest ID:	001107649FLE
Trans EPA ID:	SCD987584778
Trans Name:	SUMTER TRANSPORT COMPANY
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000324266

Shipment Date:	20101027
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210046FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC

WALGREENS #3296 (Continued) **S113149612**

TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101027
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004210046FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101027
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210046FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.006
Waste Quantity:	12

WALGREENS #3296 (Continued) **S113149612**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101027
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210046FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101027
Creation Date:	4/22/2011 18:31:02
Receipt Date:	20101119
Manifest ID:	004210046FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0215
Waste Quantity:	43
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100817

WALGREENS #3296 (Continued) **S113149612**

Creation Date:	2/1/2011 18:30:08
Receipt Date:	20100831
Manifest ID:	007494482JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100817
Creation Date:	2/1/2011 18:30:08
Receipt Date:	20100831
Manifest ID:	007494482JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100817
Creation Date:	2/1/2011 18:30:08
Receipt Date:	20100831
Manifest ID:	007494482JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010

WALGREENS #3296 (Continued) **S113149612**

Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100817
Creation Date:	2/1/2011 18:30:08
Receipt Date:	20100831
Manifest ID:	007494482JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100817
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007494482JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD982492399
Trans 2 Name:	ALL CHEMICAL DISPOSAL INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported

WALGREENS #3296 (Continued) **S113149612**

Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000324266
Shipment Date:	20121003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0355
Waste Quantity:	71
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0355
Waste Quantity:	71
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924

WALGREENS #3296 (Continued) **S113149612**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.036
Waste Quantity:	72
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121003
Creation Date:	4/2/2013 22:15:07
Receipt Date:	20121017
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121003
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported

WALGREENS #3296 (Continued) **S113149612**

RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	4/2/2013 22:15:07
Receipt Date:	20121017
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	4/2/2013 22:15:07
Receipt Date:	20121017
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

WALGREENS #3296 (Continued) **S113149612**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121003
Creation Date:	4/2/2013 22:15:07
Receipt Date:	20121017
Manifest ID:	005479186FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	WALGREENS #3296
Address:	191 E 3RD AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAL000324266
Inactive Date:	09/28/2020
Create Date:	08/27/2007
Last Act Date:	04/06/2021
Mailing Name:	Not reported
Mailing Address:	104 WILMOT RD 5TH FLR MS 1450
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	WALGREEN CO.
Owner Address:	200 WILMOT RD MS 2273
Owner Address 2:	Not reported
Owner City,State,Zip:	DEERFIELD, IL 600150000
Contact Name:	KARINA ROMERO
Contact Address:	3207 GREY HAWK CT., SUITE 200
Contact Address 2:	Not reported
City,State,Zip:	CARLSBAD, CA 92010

NAICS:

EPA ID:	CAL000324266
Create Date:	2007-08-27 07:49:08.510
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2007-08-27 07:49:08.43300

WALGREENS #3296 (Continued) **S113149612**

Inactive Date:	2020-09-28 00:00:00
Facility Name:	WALGREENS #3296
Facility Address:	191 E 3RD AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94401

T307 **WALGREENS #3296** **RCRA-SQG** **1019322486**
WSW **191 E 3RD AVE** **CAL000324266**
1/8-1/4 **SAN MATEO, CA 94401**
0.218 mi.
1150 ft. **Site 11 of 13 in cluster T**

Relative: **Higher**

Actual: **35 ft.**

RCRA-SQG:

Date Form Received by Agency:		2020-07-24 00:00:00.0
Handler Name:	WALGREENS #3296	
Handler Address:		191 E 3RD AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000324266
Contact Name:		AMBER DURKIN
Contact Address:		WILMOT RD, 5TH FL, MS#1450
Contact City,State,Zip:		DEERFIELD, IL 60015
Contact Telephone:		847-964-8816
Contact Fax:		760-918-4025
Contact Email:		AMBER.DURKIN@WALGREENS.COM
Contact Title:		APS SAFETY MANAGER, NON-RETAIL / SUPPLY CHAIN
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2019
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		GREYHAWK CT. SUITE 200
Mailing City,State,Zip:		CARLSBAD, CA 92010
Owner Name:		ST MATTHEWS CHURCH
Owner Type:		Private
Operator Name:		WALGREEN CO.
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

WALGREENS #3296 (Continued) **1019322486**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-10-12 14:17:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

WALGREENS #3296 (Continued) **1019322486**

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U188
Waste Description: PHENOL

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN CO.
Legal Status: Private

WALGREENS #3296 (Continued) **1019322486**

Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST MATTHEWS CHURCH
Legal Status:	Private
Date Became Current:	1994-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 NOTRE DAME AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	650-344-7622
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST MATTHEWS CHURCH
Legal Status:	Private
Date Became Current:	1994-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 NOTRE DAME AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALGREEN CO.
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMONT RD.
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-04-14 00:00:00.0
Handler Name: WALGREENS #3296	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

WALGREENS #3296 (Continued) **1019322486**

Electronic Manifest Broker: Not reported

Receive Date: 2020-07-24 00:00:00.0
Handler Name: WALGREENS #3296
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U308 **IZAKAYA MAI** **San Mateo Co. BI** **S123183715**
West **212 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.219 mi.
1155 ft. **Site 8 of 20 in cluster U**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:
Name: IZAKAYA MAI
Address: 212 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0055778
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0076868
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

U309 **IZAKAYA "MAI"** **San Mateo Co. BI** **S123181880**
West **212 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.219 mi.
1155 ft. **Site 9 of 20 in cluster U**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:

Name:	IZAKAYA "MAI"
Address:	212 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0028844
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069400
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

T310 **AARON BROTHERS #0221** **RCRA NonGen / NLR** **1024850170**
WSW **180 E 3RD AVE** **CAL000407516**
1/8-1/4 **SAN MATEO, CA 94401**
0.219 mi.
1156 ft. **Site 12 of 13 in cluster T**

Relative: **Higher**
Actual: **35 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2015-06-05 00:00:00.0
Handler Name:	AARON BROTHERS #0221	
Handler Address:		180 E 3RD AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000407516
Contact Name:		RYAN DRAPER
Contact Address:		8000 BENT BRANCH DR
Contact City,State,Zip:		IRVING, TX 75063
Contact Telephone:		972-409-5786
Contact Fax:		Not reported
Contact Email:		DRAPERR@MICHAELS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		8000 BENT BRANCH DR
Mailing City,State,Zip:		IRVING, TX 75063
Owner Name:		MICHAELS INC
Owner Type:		Other
Operator Name:		RYAN DRAPER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

AARON BROTHERS #0221 (Continued) **1024850170**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:06:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAELS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8000 BENT BRANCH DR
Owner/Operator City,State,Zip:	IRVING, TX 75063

AARON BROTHERS #0221 (Continued) **1024850170**

Owner/Operator Telephone:	972-409-5786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RYAN DRAPER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8000 BENT BRANCH DR
Owner/Operator City,State,Zip:	IRVING, TX 75063
Owner/Operator Telephone:	972-409-5786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-06-05 00:00:00.0
Handler Name: AARON BROTHERS #0221	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	453998
NAICS Description:	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

T311 **AARON BROTHER #221** **San Mateo Co. BI** **S121021252**
WSW **180 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.219 mi.
1156 ft. **Site 13 of 13 in cluster T**

Relative:
Higher

Actual:
35 ft.

San Mateo Co. BI:

Name:	AARON BROTHER #221
Address:	180 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0062514
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0085354

AARON BROTHER #221 (Continued) **S121021252**

Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

V312 **EUROPEAN MOTORS** **San Mateo Co. BI** **S102270244**
NW **408 1ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.219 mi.
1157 ft. **Site 8 of 9 in cluster V**

Relative: San Mateo Co. BI:
Higher
Name: EUROPEAN MOTORS
Actual: Address: 408 1ST
27 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005840
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0003431
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: EUROPEAN MOTORS
Address: 408 1ST
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005840
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010742
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: EUROPEAN MOTORS
Address: 408 1ST
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0005840
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068696
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

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313 **GRAMERCY ON THE PARK** **San Mateo Co. BI** **S124430604**
SSW **555 LAUREL** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.219 mi.
1158 ft.

Relative: San Mateo Co. BI:
Higher
Name: GRAMERCY ON THE PARK
Actual: Address: 555 LAUREL
34 ft. City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0065729

GRAMERCY ON THE PARK (Continued) **S124430604**

Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0088730
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Y314 **RICARDO RUIZ** **RCRA NonGen / NLR** **1026050529**
NNW **724 1ST AVE** **CAC003057367**
1/8-1/4 **SAN MATEO, CA 94401**
0.220 mi.
1162 ft. **Site 3 of 3 in cluster Y**

Relative: **Lower**
Actual: **19 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-02-25 00:00:00.0
Handler Name:	RICARDO RUIZ	
Handler Address:		724 1ST AVE
Handler City,State,Zip:		SAN MATEO, CA 94401-3226
EPA ID:		CAC003057367
Contact Name:		RICARDO RUIZ
Contact Address:		724 1ST AVE
Contact City,State,Zip:		SAN MATEO, CA 94401-3226
Contact Telephone:		650-245-7777
Contact Fax:		Not reported
Contact Email:		RUIZGARDENING1@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		P.O. BOX 593
Mailing City,State,Zip:		SAN MATEO, CA 94401-3226
Owner Name:		RICARDO RUIZ
Owner Type:		Other
Operator Name:		RICARDO RUIZ
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

RICARDO RUIZ (Continued) **1026050529**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-06 18:11:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICARDO RUIZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	724 1ST AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-3226
Owner/Operator Telephone:	650-245-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICARDO RUIZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

RICARDO RUIZ (Continued) **1026050529**

Owner/Operator Address: 724 1ST AVE
Owner/Operator City,State,Zip: SAN MATEO, CA 94401-3226
Owner/Operator Telephone: 650-245-7777
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-02-25 00:00:00.0
Handler Name: RICARDO RUIZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Z315 **CITY OF SAN MATEO** **LUST** **S103177234**
NNE **901 3RD** **Cortese** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HIST CORTESE**
0.220 mi. **CERS**
1162 ft. **Site 1 of 2 in cluster Z**

Relative: **Lower**
Actual: **17 ft.**

LUST:
Name: CITY OF SAN MATEO
Address: 901 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100158
Global Id: T0608100158
Latitude: 37.5690218
Longitude: -122.3173773
Status: Completed - Case Closed
Status Date: 03/26/1996
Case Worker: Not reported
RB Case Number: 41-0166
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110033
Potential Media Affect: Other Groundwater (uses other than drinking water)

CITY OF SAN MATEO (Continued) **S103177234**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100158
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100158
Action Type: ENFORCEMENT
Date: 03/15/1989
Action: Notice of Responsibility - #1

Global Id: T0608100158
Action Type: Other
Date: 12/09/1987
Action: Leak Discovery

Global Id: T0608100158
Action Type: Other
Date: 12/09/1987
Action: Leak Reported

Global Id: T0608100158
Action Type: REMEDIATION
Date: 09/01/1993
Action: Excavation

Global Id: T0608100158
Action Type: REMEDIATION
Date: 09/01/1993
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

LUST:
Global Id: T0608100158
Status: Open - Case Begin Date
Status Date: 12/09/1987

Global Id: T0608100158
Status: Completed - Case Closed
Status Date: 03/26/1996

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110033
How Discovered: OM
Leak Cause: Unknown

CITY OF SAN MATEO (Continued) **S103177234**

Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: CITY OF SAN MATEO
Address: 901 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100158
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SAN MATEO CITY OF GATEWAY
edr_fadd1: 901 3RD
City,State,Zip: SAN MATEO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0166

CERS:
Name: CITY OF SAN MATEO
Address: 901 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 195009
CERS ID: T0608100158
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

CITY OF SAN MATEO (Continued) **S103177234**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Z316 **OLYMPIAN OIL** **LUST** **U001595990**
NNE **901 E 3RD AVE** **SWEEPS UST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HIST UST**
0.220 mi.
1162 ft. **Site 2 of 2 in cluster Z**

Relative:
Lower

Actual:
17 ft.

SAN MATEO CO. LUST:

Name:	CITY OF SAN MATEO
Address:	901 E 3RD AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110033
Facility Status:	9- Case Closed
Global ID:	T0608100158
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

SWEEPS UST:

Name:	OLYMPIAN OIL
Address:	901 E 3RD AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110115
Number:	9
Board Of Equalization:	Not reported
Referral Date:	02-02-94
Action Date:	02-02-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	DEVASMOND AUTO SERVICE
Address:	901 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94401
File Number:	0002C028
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C028.pdf
Region:	STATE
Facility ID:	00000058730
Facility Type:	Gas Station

OLYMPIAN OIL (Continued) **U001595990**

Other Type:	Not reported
Contact Name:	MARIO CORREA
Telephone:	4153490381
Owner Name:	MARIO D. CORREA
Owner Address:	901 E. 3RD AVE.
Owner City,St,Zip:	SAN MATEO, CA 94401
Total Tanks:	0006
Tank Num:	001
Container Num:	1
Year Installed:	1976
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Pressure Test
Tank Num:	002
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Pressure Test
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	3
Year Installed:	1976
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	006
Container Num:	2
Year Installed:	1976
Tank Capacity:	00010000

OLYMPIAN OIL (Continued) **U001595990**

Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Pressure Test

Click here for Geo Tracker PDF:

AA317 **DOMINOS PIZZA** **San Mateo Co. BI** **S123180975**
WSW **169 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.220 mi.
1162 ft. **Site 1 of 10 in cluster AA**

Relative: **Higher**
Actual: **36 ft.**

San Mateo Co. BI:

Name:	DOMINOS PIZZA
Address:	169 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0025316
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069234
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

V318 **AUTO EUROPA** **San Mateo Co. BI** **S106797888**
WNW **402 1ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.222 mi.
1172 ft. **Site 9 of 9 in cluster V**

Relative: **Higher**
Actual: **27 ft.**

San Mateo Co. BI:

Name:	AUTO EUROPA
Address:	402 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016991
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010632
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	AUTO EUROPA
Address:	402 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016991
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003281
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	AUTO EUROPA
Address:	402 1ST

AUTO EUROPA (Continued) **S106797888**

City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045753
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068910
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: AUTO EUROPA
Address: 402 1ST
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045753
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0060925
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: AUTO EUROPA
Address: 402 1ST
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045753
Prog Element Code: BUSINESS PLAN - GENERAL
Record Id: PR0071869
Description: BUSINESS PLAN - GENERAL
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

AB319 **DESSERT REPUBLIC** **San Mateo Co. BI** **S123181784**
WNW **138 MAIN** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.223 mi.
1176 ft. **Site 1 of 4 in cluster AB**

Relative:
Higher

Actual:
30 ft.

San Mateo Co. BI:
Name: DESSERT REPUBLIC
Address: 138 MAIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0028309
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069179
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

U320 **THAI SPICES** **San Mateo Co. BI** **S123183005**
West **204 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.224 mi.
1183 ft. **Site 10 of 20 in cluster U**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:

Name:	THAI SPICES
Address:	204 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050275
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069391
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

U321 **SUSHI 85** **San Mateo Co. BI** **S123183762**
West **204 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.224 mi.
1183 ft. **Site 11 of 20 in cluster U**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:

Name:	SUSHI 85
Address:	204 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0056074
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0077289
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

U322 **KITCHO RESTAURANT** **San Mateo Co. BI** **S123183170**
West **204 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.224 mi.
1183 ft. **Site 12 of 20 in cluster U**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:

Name:	KITCHO RESTAURANT
Address:	204 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0051537
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0071415
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

U323 **R NU IT (FORMER)** **ENVIROSTOR** **S105756718**
West **200 EAST SECOND AVENUE** **CPS-SLIC** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.225 mi.
1187 ft. **Site 13 of 20 in cluster U**

Relative:
Higher

Actual:
33 ft.

ENVIROSTOR:

Name:	R NU IT CLEANERS
Address:	200 EAST SECOND AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	41720088
Status:	Refer: Other Agency
Status Date:	07/29/1994
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	< 1
NPL:	NO
Regulatory Agencies:	SAN MATEO COUNTY
Lead Agency:	SAN MATEO COUNTY
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.56568
Longitude:	-122.3235
APN:	034174090
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	034174090
Alias Type:	APN
Alias Name:	41720088
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	10/15/1980
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CPS-SLIC:

R NU IT (FORMER) (Continued) **S105756718**

Name:	R NU IT (FORMER)
Address:	200 EAST SECOND AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	09/04/2019
Global Id:	T10000013336
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	119204
Latitude:	37.56578
Longitude:	-122.32379
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	R NU IT (FORMER)
Address:	200 EAST SECOND AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	556443
CERS ID:	T10000013336
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JACOB MADDEN - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS, Suite 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503995959

U324 **J&J ONE HOUR MARTINIZING** **RCRA-SQG** **1000126834**
West **200 E 2ND AVE** **CAD981631963**
1/8-1/4 **SAN MATEO, CA 94403**
0.225 mi.
1187 ft. **Site 14 of 20 in cluster U**

Relative:
Higher

Actual:
33 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	J&J ONE HOUR MARTINIZING
Handler Address:	200 E 2ND AVE
Handler City,State,Zip:	SAN MATEO, CA 94403
EPA ID:	CAD981631963
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported

J&J ONE HOUR MARTINIZING (Continued) **1000126834**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	E 2ND AVE
Mailing City,State,Zip:	SAN MATEO, CA 94403
Owner Name:	JALEM CORP
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

J&J ONE HOUR MARTINIZING (Continued) **1000126834**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JALEM CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name:	J&J ONE HOUR MARTINIZING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

J&J ONE HOUR MARTINIZING (Continued) **1000126834**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

U325 **BLUE SKY CLEANERS** **RCRA NonGen / NLR** **1024814449**
West **200 2ND AVE** **CAL000309047**
1/8-1/4 **SAN MATEO, CA 94401**
0.225 mi.
1187 ft. **Site 15 of 20 in cluster U**

Relative:
Higher

Actual:
33 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2006-07-13 00:00:00.0
Handler Name:	BLUE SKY CLEANERS	
Handler Address:		200 2ND AVE
Handler City,State,Zip:		SAN MATEO, CA 94401-3904
EPA ID:		CAL000309047
Contact Name:		HOCHANG LEE OWNER
Contact Address:		200 2ND AVE
Contact City,State,Zip:		SAN MATEO, CA 94401-3904
Contact Telephone:		650-340-8841
Contact Fax:		000-000-0000
Contact Email:		SFJEFFL@HOTMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		200 2ND AVE
Mailing City,State,Zip:		SAN MATEO, CA 94401-3904
Owner Name:		HOCHANG LEE
Owner Type:		Other
Operator Name:		HOCHANG LEE OWNER
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes

BLUE SKY CLEANERS (Continued) **1024814449**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:28:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOCHANG LEE OWNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 2ND AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-3904
Owner/Operator Telephone:	650-340-8841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BLUE SKY CLEANERS (Continued) **1024814449**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOCHANG LEE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 2ND AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-3904
Owner/Operator Telephone:	650-340-8541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-07-13 00:00:00.0
Handler Name: BLUE SKY CLEANERS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

U326 **BLUE SKY CLEANERS** **San Mateo Co. BI** **S104582312**
West **200 2ND AVE** **DRYCLEANERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **HWTS**
0.225 mi.
1187 ft. **Site 16 of 20 in cluster U**

Relative:
Higher

Actual:
33 ft.

San Mateo Co. BI:

Name:	BLUE SKY CLEANERS
Address:	200 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0017040
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003432
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name: BLUE SKY CLEANERS

BLUE SKY CLEANERS (Continued) **S104582312**

Address: 200 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017040
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0010673
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BLUE SKY CLEANERS
Address: 200 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017040
Prog Element Code: 3095
Record Id: PR0068769
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 5 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

DRYCLEANERS:
Name: BLUESKY CLEANERS
Address: 200 2ND AVE
City,State,Zip: SAN MATEO, CA 944010000
EPA Id: CAL000196265
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 05/26/1999
Facility Active: No
Inactive Date: 06/30/2004
Facility Addr2: Not reported
Owner Name: SEUNG JA CHANG
Owner Address: 200 2ND AVE
Owner Address 2: Not reported
Owner Telephone: 6503408541
Contact Name: SEUNG JA CHANG\\ OWNER
Contact Address: --
Contact Address 2: Not reported
Contact Telephone: 6503408541
Contact Fax: Not reported
Mailing Name: Not reported
Mailing Address 1: 200 2ND AVE
Mailing Address 2: Not reported
Mailing City: SAN MATEO
Mailing State: CA
Mailing Zip: 944010000
Owner Fax: Not reported
Region Code: 2
Latitude: 37.565699
Longitude: -122.32389

Name: BLUE SKY CLEANERS
Address: 200 2ND AVE
City,State,Zip: SAN MATEO, CA 944013904

BLUE SKY CLEANERS (Continued) **S104582312**

EPA Id:	CAL000309047
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/13/2006
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	HOCHANG LEE
Owner Address:	200 2ND AVE
Owner Address 2:	Not reported
Owner Telephone:	6503408541
Contact Name:	HOCHANG LEE
Contact Address:	200 2ND AVE
Contact Address 2:	Not reported
Contact Telephone:	6503408841
Contact Fax:	0
Mailing Name:	Not reported
Mailing Address 1:	200 2ND AVE
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944013904
Owner Fax:	0
Region Code:	2
Latitude:	37.565774
Longitude:	-122.323973

HWTS:

Name:	BLUE SKY CLEANERS
Address:	200 2ND AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944013904
EPA ID:	CAL000309047
Inactive Date:	Not reported
Create Date:	07/13/2006
Last Act Date:	12/28/2020
Mailing Name:	Not reported
Mailing Address:	200 2ND AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944013904
Owner Name:	HOCHANG LEE
Owner Address:	200 2ND AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 944013904
Contact Name:	HOCHANG LEE
Contact Address:	200 2ND AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401

NAICS:

EPA ID:	CAL000309047
Create Date:	2006-07-13 15:49:17.880
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2006-07-13 15:49:17.85000

BLUE SKY CLEANERS (Continued) **S104582312**

Inactive Date:	Not reported
Facility Name:	BLUE SKY CLEANERS
Facility Address:	200 2ND AVE
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944013904

U327 **HIMAWARI TEI LLC** **San Mateo Co. BI** **S123179641**
West **202 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.225 mi.
1190 ft. **Site 17 of 20 in cluster U**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:

Name:	HIMAWARI TEI LLC
Address:	202 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001855
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069388
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AA328 **TEAWAY/ TUTTIMELON** **San Mateo Co. BI** **S123183006**
WSW **165 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.228 mi.
1204 ft. **Site 2 of 10 in cluster AA**

Relative: **Higher**
Actual: **37 ft.**

San Mateo Co. BI:

Name:	TEAWAY/ TUTTIMELON
Address:	165 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0050276
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069345
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AA329 **HONEYBERRY** **San Mateo Co. BI** **S123183721**
WSW **165 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.228 mi.
1204 ft. **Site 3 of 10 in cluster AA**

Relative: **Higher**
Actual: **37 ft.**

San Mateo Co. BI:

Name:	HONEYBERRY
Address:	165 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0055801
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0076894
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AA330 **CHATIME** **San Mateo Co. BI** **S123183919**
WSW **165 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.228 mi.
1204 ft. **Site 4 of 10 in cluster AA**

Relative: **Higher**
Actual: **37 ft.**

San Mateo Co. BI:

Name:	CHATIME
Address:	165 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0057965
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0080410
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AA331 **HONEY BERRY** **San Mateo Co. BI** **S123183302**
WSW **165 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.228 mi.
1204 ft. **Site 5 of 10 in cluster AA**

Relative: **Higher**
Actual: **37 ft.**

San Mateo Co. BI:

Name:	HONEY BERRY
Address:	165 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0052689
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0073281
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AA332 **BOMBAY GARDEN** **San Mateo Co. BI** **S123179492**
WSW **172 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.228 mi.
1205 ft. **Site 6 of 10 in cluster AA**

Relative:
Higher

Actual:
36 ft.

San Mateo Co. BI:

Name:	BOMBAY GARDEN
Address:	172 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001396
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069238
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	BOMBAY GARDEN
Address:	172 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001396
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069239
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

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333 **WISNOMS HARDWARE** **LUST** **S105481871**
NW **545 1ST** **Cortese** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **CERS**
0.230 mi.
1212 ft.

Relative:
Higher

Actual:
23 ft.

SAN MATEO CO. LUST:

Name:	WISNOMS HARDWARE
Address:	545 1ST ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110132
Facility Status:	9- Case Closed
Global ID:	T0608192798
APN Number:	034158150
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	WISNOMS HARDWARE
Address:	545 1ST
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608192798
Global Id:	T0608192798
Latitude:	37.568617
Longitude:	-122.322232
Status:	Completed - Case Closed
Status Date:	01/23/2001

WISNOMS HARDWARE (Continued) **S105481871**

Case Worker: Not reported
RB Case Number: 41-1265
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110132
Potential Media Affect: Soil
Potential Contaminants of Concern: Kerosene
Site History: Not reported

LUST:
Global Id: T0608192798
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608192798
Action Type: Other
Date: 07/27/1999
Action: Leak Reported

Global Id: T0608192798
Action Type: ENFORCEMENT
Date: 09/07/1999
Action: Notice of Responsibility - #1

LUST:
Global Id: T0608192798
Status: Open - Case Begin Date
Status Date: 07/27/1999

Global Id: T0608192798
Status: Completed - Case Closed
Status Date: 01/23/2001

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110132
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

WISNOMS HARDWARE (Continued) **S105481871**

CORTESE:

Name:	WISNOMS HARDWARE
Address:	545 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608192798
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	WISNOMS HARDWARE
Address:	545 1ST
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	206208
CERS ID:	T0608192798
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AC334 **ALFREDOS AUTO REPAIR SHOP** **CERS HAZ WASTE** **S121794007**
SSE **316 8TH AVE** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.230 mi.
1214 ft. **Site 1 of 12 in cluster AC**

Relative:
Higher

Actual:
25 ft.

CERS HAZ WASTE:

Name:	ALFREDOS AUTO REPAIR SHOP
Address:	316 8TH AVE
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	90812

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

CERS ID: 10066891
CERS Description: Hazardous Waste Generator

CERS:
Name: ALFREDOS AUTO REPAIR SHOP
Address: 316 8TH AVE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 90812
CERS ID: 10066891
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 90812
Site Name: ALFREDOS AUTO REPAIR SHOP
Violation Date: 05-05-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 07/05/2017. EPA ID is inactive. Submit form 1358 to DTSC within 30 days. Once active, complete the verification questionnaire annually at https://evq.dtsc.ca.gov/Home.aspx Provide evidence of EPA ID number reactivation to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90812
Site Name: ALFREDOS AUTO REPAIR SHOP
Violation Date: 05-05-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 05/05/2017. The HMBP was updated during the inspection. This was corrected on site.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 90812
Site Name: ALFREDOS AUTO REPAIR SHOP
Violation Date: 07-08-2013
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 10/09/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-05-2017
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	Returned to compliance on 07/05/2017. Based on the current state of the storage area, it does not appear the waste storage area is inspected weekly. Update labels and clean out secondary containment. Provide evidence of inspection to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-21-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 10/15/2019. The feed trough secondary containment is collecting with oil. Have this pumped out into a properly closed closed container. The used oil drums are punctured and cannot be kept closed. Replace these drums with properly closing containers for used oil. Submit evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-05-2017
Citation:	HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description:	Failure to record in an operating log and retain for three years the following information for each shipment of recycled or exempted oil: 1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1. 2) The name and address of the facility receiving the shipment. 3) The quantity of oil delivered. 4) The date of shipment or delivery. 5) A cross-reference to the records and documentation required under HSC 6.5 25250.1.
Violation Notes:	Returned to compliance on 07/05/2017. 3 used oil manifests from 2016 were available on site. All manifests are required to be available for review for the last 3 years. Provide a copy of all manifests generated from 5/2014-5/2017 to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-05-2017
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/30/2018. No employee training records could be located during the inspection. Provide a copy of the annual employee training to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-21-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/15/2019. The used oil drum labels were completely faded and illegible. The used oil filters (paper) label was missing the accumulation start date. A 5 gallon container with a funnel was found in the back to the shop. Update the hazardous waste label on each of these containers and submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-21-2019
Citation:	22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description:	Failure of universal waste handler to provide initial and/or annual refresher training for employees who manage or handle universal waste and to maintain a written record for three years of personnel who took the initial or annual training.
Violation Notes:	Returned to compliance on 09/22/2020. Document training on the universal waste aerosol can management. Facility to discontinue puncturing aerosol cans without providing notification and a safety plan to Env. Health. Submit evidence of completion by the comply by date.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-21-2019

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: G Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. G Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. G The generator complies with section 66265.171, 66265.172, and 66265.173(a). G The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words G Hazardous WasteG including specified information G Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a G 90 dayG accumulation area G 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 10/15/2019. The used oil filters (paper) have not been picked up since accumulation began approx. 2 years ago. Submit evidence the filters have been picked up to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-05-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 07/26/2017. Observation: There is not date on the used oil filters and no manifest was provided to confirm the last date of pick up. Corrective action: Provide evidence the used metal oil filters have been picked up within one year and the used paper filters have been picked up within 180 days (or if using point of generation rules then 365 days).
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-21-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

	safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/22/2020. No training record completed within the last year. No records available during the inspection. Complete the training and submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-05-2017
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 07/05/2017. No property owner notification could be located during the inspection. Provide a copy of the completed property owner notification record to Env. Heath within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	05-21-2019
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 10/15/2019. The used oil filters (metal) have not been picked up since accumulation began in 2017 (as marked on the label). Submit evidence the filters have been picked up to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Violation Date:	02-23-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 05/05/2017. Facility last submitted a hazardous materials business plan on 10/9/14. The business plan is required to be annually reviewed and certified or resubmitted. The plan was last submitted on the portal at:https://ehesubmit.smchealth.org/servlet/search. Facility owner or operator must login and submit the reviewed business plan within 30 days. Contact our office if further assistance is needed.

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 90812
Site Name: ALFREDOS AUTO REPAIR SHOP
Violation Date: 05-05-2017
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 07/05/2017. No emergency postings containing the emergency coordinator phone numbers and emergency equipment locations could be located during the inspection. Provide evidence that this posting has been completed within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90812
Site Name: ALFREDOS AUTO REPAIR SHOP
Violation Date: 05-05-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/05/2017. The following containers were missing the hazardous waste label or the label was illegible: - Both used oill 55 gallon drums. The label was posted on the wall, but must also be on the drum. - Both labels for each drum of filters must be updated. The paper filters drum must be labeled with the complete hazardous waste label. - One 5 gallon drum of solvent is labeled as hazardous waste, but is reportedly new solvent used for parts cleaning. Remove this label if this is not hazardous waste. Provide evidence that all hazardous waste labels are corrected to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-30-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Employee training records were observed to be completed and on site. Facility is using a sign-off page for each employee with the safety manual. The contents of the training were also reviewed. A 1 page document for HMBP training was also provided to the facility for reference.
Eval Division: San Mateo County Environmental Health

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-23-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Added violations nor no HMBP and prepared NOV.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updated HMBP.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-05-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-05-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Waste manifests available for review were 3-2016 through 10-2016 used oil. These consolidated manifests indicated that about 90-160 gallons of used oil are generated every 3 months. It is recommended that you inspect the safety equipment (fire extinguishers and first aid kits) to ensure the fire extinguisher are mounted and not blocked by other shop equipment. Contact Env. Health for a re-inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2019
Violations Found: Yes
Eval Type: Routine done by local agency

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Eval Notes:	We discussed using the VSQG program if the facility generates less than 27 gallons of hazardous waste in a calendar month. Used oil and metal (only) filters may be taken to a used oil collection center if neccessary. Please call them before doing the drop off and record it on your log. 150 gallons used oil picked up each 6 months. 1 drum of paper and 1 drum of metal filters generated annually.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CAL000370531 is inactive and currently in use on manifests. Switch ID number with hauler to currently active ID number: CAL000388448. Provide a copy of the used oil manifest with the correct ID number to Env. Health within 16 days. Continue to complete the weekly inspection of the hazardous waste storage area.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Property owner notification completed and documented. Training record for HMBP is incomplete. Provide a copy of the completed training record to Env. Health within 16 days.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-08-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-08-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No violations corrected, however the hauler has been contacted and the facility is on the schedule.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Training record not completed. Alfredo requested that I return on July 24th.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-24-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility pick-up scheduled for tomorrow, July 25th. No records reviewed today.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-16-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-18-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	I spoke with office personnel who indicated that Alfredo was not

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

currently available, out towing a truck. I asked about the completed training records needed to close the violations and the staff member indicated they did not have the records but I could stop by later that day to talk to Alfredo.

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-22-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Training records provided. Violation closed. Office staff provided the training record.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-15-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Violation Discussed: 1. The feed trough secondary containment is collecting with oil. Have this pumped out into a properly closed container. The used oil drums are punctured and cannot be kept closed. Replace these drums with properly closing containers for used oil. This was observed to be corrected today. 2. The used oil drum labels were completely faded and illegible. The used oil filters (paper) label was missing the accumulation start date. This was corrected on site. A 5 gallon container with a funnel was found in the back to the shop. Provide a container for the waste paint solids (rags) for cleaning out paint cups. A label was provided today. Make a determination for the waste paint booth filters and take them to VSQG if the facility generates less than 27 gallons of hazardous waste or use a registered hazardous waste hauler if applicable. 3. Update the hazardous waste label on each of these containers and submit evidence of correction to Env. Health [Truncated]
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Stopped by to request the records be provided for employee training and container inspections.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-22-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: I stopped by and requested a copy of the training record. Steve said it was incomplete and we reviewed the paperwork briefly for submission

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

	as soon as possible.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-04-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Stopped by and requested training record. Alfredo had started filling out the record.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-04-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Stopped by and requested training record. Alfredo had started filling out the record.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Site Address:	316 8TH AVE
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	02-27-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	12/28/17: training violation still open per inspection report 7/5/17 1/31/18: Violation closed as of 1/30/18.
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Site Address:	316 8TH AVE
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	05-06-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Site Address:	316 8TH AVE
Site City:	SAN MATEO

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Site Zip:	94402
Enf Action Date:	08-15-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Certified NOV letter delivered to business Aug 17, 2019. 4/16/20- 2 VIOLATIONS OPEN FOR HMBP TRAINING AN UW TRAINING .
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	90812
Site Name:	ALFREDOS AUTO REPAIR SHOP
Site Address:	316 8TH AVE
Site City:	SAN MATEO
Site Zip:	94402
Enf Action Date:	08-15-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Certified NOV letter delivered to business Aug 17, 2019. 4/16/20- 2 VIOLATIONS OPEN FOR HMBP TRAINING AN UW TRAINING .
Enf Action Division:	San Mateo County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	B 2 AUTOBODY REPAIR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	ALFREDO MAGANA
Entity Title:	Not reported
Affiliation Address:	316 8TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94044
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	ALFREDO MAGANA
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Rodrigues

ALFREDOS AUTO REPAIR SHOP (Continued) **S121794007**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	MAGANA, ALFREDO
Entity Title:	Not reported
Affiliation Address:	316 8TH
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 771-8826

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	316 8TH AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	ALFREDO MAGANA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 271-0110

AC335 **THE GARAGE** **SWEEPS UST** **S104494490**
SSE **316 8TH AVE** **HWTS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.230 mi.
1214 ft. **Site 2 of 12 in cluster AC**

Relative:
Higher

Actual:
25 ft.

SWEEPS UST:

Name:	THE GARAGE
Address:	316 8TH AVE
City:	SAN MATEO
Status:	Not reported
Comp Number:	110146
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110146-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	1

Name:	THE GARAGE
Address:	316 8TH AVE
City:	SAN MATEO
Status:	Active
Comp Number:	110146
Number:	2
Board Of Equalization:	Not reported
Referral Date:	11-08-93
Action Date:	11-08-93
Created Date:	07-08-92
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HWTS:

Name:	THE GARAGE
Address:	316 8TH AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944030000
EPA ID:	CAL000003658
Inactive Date:	06/30/1995
Create Date:	11/14/1989
Last Act Date:	07/24/2001
Mailing Name:	Not reported
Mailing Address:	316 8TH AVE
Mailing Address 2:	Not reported

THE GARAGE (Continued) **S104494490**

Mailing City,State,Zip:	SAN MATEO, CA 944030000
Owner Name:	JUNGE ROBERT
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	UNDELIVERABLE FEE FORM 1995 NJ
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

AC336 **THE GARAGE** **LUST** **S101325450**
SSE **316 8TH** **San Mateo Co. Bl** **N/A**
1/8-1/4 **SAN MATEO, CA 94402** **Cortese**
0.230 mi. **HIST CORTESE**
1214 ft. **Site 3 of 12 in cluster AC** **CERS**

Relative:
Higher

Actual:
25 ft.

SAN MATEO CO. LUST:

Name:	THE GARAGE
Address:	316 8TH AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110067
Facility Status:	9- Case Closed
Global ID:	T0608100540
APN Number:	034197090
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	THE GARAGE
Address:	316 8TH
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100540
Global Id:	T0608100540
Latitude:	37.5625149294297
Longitude:	-122.318359538693
Status:	Completed - Case Closed
Status Date:	06/02/1998
Case Worker:	Not reported
RB Case Number:	41-0566
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110067
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100540
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

THE GARAGE (Continued) **S101325450**

LUST:
Global Id: T0608100540
Action Type: ENFORCEMENT
Date: 07/14/1992
Action: Notice of Responsibility - #1

Global Id: T0608100540
Action Type: Other
Date: 07/15/1992
Action: Leak Discovery

Global Id: T0608100540
Action Type: Other
Date: 03/19/1992
Action: Leak Reported

LUST:
Global Id: T0608100540
Status: Open - Case Begin Date
Status Date: 03/19/1992

Global Id: T0608100540
Status: Completed - Case Closed
Status Date: 06/02/1998

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110067
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: B 2 AUTOBODY REPAIR
Address: 316 8TH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0022675
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0025250
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

THE GARAGE (Continued) **S101325450**

Name: B 2 AUTOBODY REPAIR
Address: 316 8TH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0022675
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0025251
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ALFREDOS AUTO REPAIR SHOP
Address: Not reported
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0045709
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068907
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: ALFREDOS AUTO REPAIR SHOP
Address: Not reported
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0045709
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0060634
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ALFREDOS AUTO REPAIR SHOP
Address: Not reported
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0045709
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0060635
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: THE GARAGE
Address: 316 8TH
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100540
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported

THE GARAGE (Continued) **S101325450**

Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	GARAGE THE
edr_fadd1:	316 8TH
City,State,Zip:	SAN MATEO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0566

CERS:

Name:	THE GARAGE
Address:	316 8TH
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	244215
CERS ID:	T0608100540
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AC337 **ALFREDO AUTO REPAIR** **RCRA NonGen / NLR** **1024840069**
SSE **316 8TH AVE** **CAL000388448**
1/8-1/4 **SAN MATEO, CA 94401**
0.230 mi.
1214 ft. **Site 4 of 12 in cluster AC**

Relative: **Higher**
Actual: **25 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2013-08-08 00:00:00.0
Handler Name:	ALFREDO AUTO REPAIR	
Handler Address:		316 8TH AVE
Handler City,State,Zip:		SAN MATEO, CA 94401-4221
EPA ID:		CAL000388448
Contact Name:		ALFREDO MAGANA
Contact Address:		316 8TH AVE
Contact City,State,Zip:		SAN MATEO, CA 94401-4221

ALFREDO AUTO REPAIR (Continued) **1024840069**

Contact Telephone:	650-271-0110
Contact Fax:	Not reported
Contact Email:	ALFREDOMAGANA@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	316 8TH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94401-4221
Owner Name:	ALFREDO MAGANA
Owner Type:	Other
Operator Name:	ALFREDO MAGANA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

ALFREDO AUTO REPAIR (Continued) **1024840069**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:02:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALFREDO MAGANA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	316 8TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4221
Owner/Operator Telephone:	650-271-0110
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALFREDO MAGANA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	316 8TH AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4221
Owner/Operator Telephone:	650-271-0110
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2013-08-08 00:00:00.0
Handler Name: ALFREDO AUTO REPAIR	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

ALFREDO AUTO REPAIR (Continued) **1024840069**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AA338 **SO GONG DONG TOFU HOUSE S M** **San Mateo Co. BI** **S123182726**
SW **150 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.231 mi.
1218 ft. **Site 7 of 10 in cluster AA**

Relative: **Higher**
Actual: **36 ft.**

San Mateo Co. BI:
Name: SO GONG DONG TOFU HOUSE S M
Address: 150 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046985
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069212
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

AA339 **HUMMUS MEDITERRANEAN KITCHEN** **San Mateo Co. BI** **S123183358**
SW **150 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.231 mi.
1218 ft. **Site 8 of 10 in cluster AA**

Relative: **Higher**
Actual: **36 ft.**

San Mateo Co. BI:
Name: HUMMUS MEDITERRANEAN KITCHEN
Address: 150 4TH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0053188
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0073634
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

X340 **LONGS DRUG STORES #352** **San Mateo Co. BI** **S106798663**
SE **872 DELAWARE** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.232 mi.
1227 ft. **Site 7 of 11 in cluster X**

Relative: **Lower**
Actual: **19 ft.**

San Mateo Co. BI:

Name:	LONGS DRUG STORES #352
Address:	872 DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0001583
Prog Element Code:	BUSINESS PLAN - GENERAL
Record Id:	PR0067691
Description:	BUSINESS PLAN - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	LONGS DRUG STORES #352
Address:	872 DELAWARE
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0001583
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0043705
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

X341 **PENINSULA PHOTOGRAPHICS** **RCRA-SQG** **1000685927**
SE **517 9TH AVE UNIT A** **FINDS** **CAD983628892**
1/8-1/4 **SAN MATEO, CA 94402** **ECHO**
0.233 mi. **San Mateo Co. BI**
1230 ft. **Site 8 of 11 in cluster X**

Relative: **Lower**
Actual: **20 ft.**

RCRA-SQG:

Date Form Received by Agency:	1992-04-01 00:00:00.0
Handler Name:	PENINSULA PHOTOGRAPHICS
Handler Address:	517 9TH AVE UNIT A
Handler City,State,Zip:	SAN MATEO, CA 94402-1826
EPA ID:	CAD983628892
Contact Name:	STEPHEN HARUI
Contact Address:	517 9TH AVE UNIT A
Contact City,State,Zip:	SAN MATEO, CA 94402-1826
Contact Telephone:	415-344-7155
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	517 9TH AVE UNIT A
Mailing City,State,Zip:	SAN MATEO, CA 94402-1826
Owner Name:	STEPHEN N HARUI

PENINSULA PHOTOGRAPHICS (Continued) **1000685927**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:35:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

PENINSULA PHOTOGRAPHICS (Continued) **1000685927**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: STEPHEN N HARUI
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 517 9TH AVE UNIT A
Owner/Operator City,State,Zip: SAN MATEO, CA 94402-1826
Owner/Operator Telephone: 415-344-7155
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1992-04-01 00:00:00.0
Handler Name: PENINSULA PHOTOGRAPHICS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81292
NAICS Description: PHOTOFINISHING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002872847

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

PENINSULA PHOTOGRAPHICS (Continued) **1000685927**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000685927
Registry ID:	110002872847
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002872847
Name:	PENINSULA PHOTOGRAPHICS
Address:	517 9TH AVE UNIT A
City,State,Zip:	SAN MATEO, CA 94402

San Mateo Co. BI:

Name:	PENINSULA PHOTOGRAPHICS
Address:	517 9TH
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0024182
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0028627
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	PENINSULA PHOTOGRAPHICS
Address:	517 9TH
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0024182
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0028628
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

U342 **ST MATTHEWS BLDG** **San Mateo Co. BI** **S104566121**
West **215 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.233 mi.
1230 ft. **Site 18 of 20 in cluster U**

Relative:
Higher

Actual:
33 ft.

San Mateo Co. BI:

Name:	ST MATTHEWS BLDG
Address:	215 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0025850
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0036134
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

AC343 **ATLAS ELECTRIC CO INC** **HIST UST** **S118407635**
SSE **811 SO B STREET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.234 mi.
1233 ft. **Site 5 of 12 in cluster AC**

Relative: **Higher**
Actual: **25 ft.**

HIST UST:

Name:	ATLAS ELECTRIC CO INC
Address:	811 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
File Number:	0002C0A3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C0A3.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

AC344 **ELESCO** **SWEEPS UST** **S101623446**
SSE **811 S B ST** **CA FID UST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401** **San Mateo Co. BI**
0.234 mi.
1233 ft. **Site 6 of 12 in cluster AC**

Relative: **Higher**
Actual: **25 ft.**

SWEEPS UST:

Name:	ELESCO
Address:	811 S B ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110054
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110054-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

ELESCO (Continued) **S101623446**

CA FID UST:
Facility ID: 41004806
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 1200 INDUSTRIAL RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN MATEO 94401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Mateo Co. BI:
Name: ELESCO
Address: 811 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016926
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022125
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: UST SITE
Address: 811 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0033674
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0052474
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

AC345 **ATLAS ELECTRIC CO. INC.** **HIST UST** **U001595983**
SSE **811 S B ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.234 mi.
1233 ft. **Site 7 of 12 in cluster AC**

Relative:
Higher

Actual:
25 ft.

HIST UST:
Name: ATLAS ELECTRIC CO. INC.
Address: 811 S B ST
City,State,Zip: SAN MATEO, CA 94401
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000011805
Facility Type: Other

ATLAS ELECTRIC CO. INC. (Continued) **U001595983**

Other Type:	ELECTRIC REPAIR
Contact Name:	D. MANTOANI
Telephone:	4158518769
Owner Name:	MR. & MRS. D. MANTOANI
Owner Address:	1240 WESTRIDGE DR.
Owner City,St,Zip:	PORTOLA VA., CA 94025
Total Tanks:	0001
Tank Num:	001
Container Num:	#2
Year Installed:	1980
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

X346 **ALL CAR AUTO PAINTING AND BODY** **RCRA-SQG** **1000819643**
SE **501 NINTH AVE** **CAD983656380**
1/8-1/4 **SAN MATEO, CA 94402**
0.234 mi.
1233 ft. **Site 9 of 11 in cluster X**

Relative: **Lower**
Actual: **20 ft.**

RCRA-SQG:

Date Form Received by Agency:	1993-01-04 00:00:00.0
Handler Name:	ALL CAR AUTO PAINTING AND BODY
Handler Address:	501 NINTH AVE
Handler City,State,Zip:	SAN MATEO, CA 94402
EPA ID:	CAD983656380
Contact Name:	TAMMI DOWIAT
Contact Address:	501 NINTH AVE
Contact City,State,Zip:	SAN MATEO, CA 94402
Contact Telephone:	415-343-5624
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	NINTH AVE
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	RODNEY A DOWAIT
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

ALL CAR AUTO PAINTING AND BODY (Continued) **1000819643**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RODNEY A DOWAIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24 BLOOMFIELD RD

ALL CAR AUTO PAINTING AND BODY (Continued) **1000819643**

Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: 415-343-8499
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1993-01-04 00:00:00.0
Handler Name: ALL CAR AUTO PAINTING AND BODY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

X347 **ALL CAR AUTO PAINTING & BODY R** **San Mateo Co. BI** **S103662453**
SE **501 9TH AVENUE** **EMI** **N/A**
1/8-1/4 **SAN MATEO, CA 94402** **CERS**
0.234 mi.
1233 ft. **Site 10 of 11 in cluster X**

Relative: **Lower**
Actual: **20 ft.**

San Mateo Co. BI:
Name: ALL CAR AUTO PAITING & BODY REPAIR
Address: 501 NINTH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014462
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0024476
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: ALL CAR AUTO PAITING & BODY REPAIR
Address: 501 NINTH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014462
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024477
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: ALL CAR AUTO PAITING & BODY REPAIR
Address: 501 NINTH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014462
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068727
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

EMI:

Name: ALL CAR AUTO PAINTING & BODY R
Address: 501 9TH AVENUE
City,State,Zip: SAN MATEO, CA 944020000
Year: 1996
County Code: 41
Air Basin: SF
Facility ID: 8341
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ALL CAR AUTO PAINTING & BODY R
Address: 501 9TH AVENUE
City,State,Zip: SAN MATEO, CA 944020000
Year: 1997
County Code: 41
Air Basin: SF
Facility ID: 8341
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ALL CAR AUTO PAINTING & BODY R
Address: 501 9TH AVENUE

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

City,State,Zip:	SAN MATEO, CA 944020000
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 944020000
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 944020000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 944020000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 944020000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 944020000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ALL CAR AUTO PAINTING & BODY R
Address: 501 9TH AVENUE
City,State,Zip: SAN MATEO, CA 944020000
Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 8341
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.539
Reactive Organic Gases Tons/Yr: 0.5154837
Carbon Monoxide Emissions Tons/Yr: 0.009
NOX - Oxides of Nitrogen Tons/Yr: 0.036
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000574

Name: ALL CAR AUTO PAINTING & BODY R
Address: 501 9TH AVENUE
City,State,Zip: SAN MATEO, CA 944020000
Year: 2005
County Code: 41
Air Basin: SF
Facility ID: 8341
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .449
Reactive Organic Gases Tons/Yr: .4299615
Carbon Monoxide Emissions Tons/Yr: .007
NOX - Oxides of Nitrogen Tons/Yr: .026
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smllr Tons/Yr: .000574

Name: ALL CAR AUTO PAINTING & BODY R
Address: 501 9TH AVENUE
City,State,Zip: SAN MATEO, CA 944020000
Year: 2006
County Code: 41
Air Basin: SF
Facility ID: 8341
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .564
Reactive Organic Gases Tons/Yr: .5426895

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Carbon Monoxide Emissions Tons/Yr:	.006
NOX - Oxides of Nitrogen Tons/Yr:	.023
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 944020000
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.478
Reactive Organic Gases Tons/Yr:	.4583855
Carbon Monoxide Emissions Tons/Yr:	.005
NOX - Oxides of Nitrogen Tons/Yr:	.021
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.844
Reactive Organic Gases Tons/Yr:	.8106895
Carbon Monoxide Emissions Tons/Yr:	.005
NOX - Oxides of Nitrogen Tons/Yr:	.021
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.84399999999999997
Reactive Organic Gases Tons/Yr:	0.81068949999999995
Carbon Monoxide Emissions Tons/Yr:	5.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	2.1000000000000001E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.51900000000000002
Reactive Organic Gases Tons/Yr:	0.43346370000000001
Carbon Monoxide Emissions Tons/Yr:	3.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	1.2999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.359
Reactive Organic Gases Tons/Yr:	0.3369877
Carbon Monoxide Emissions Tons/Yr:	0.004
NOX - Oxides of Nitrogen Tons/Yr:	0.018
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.359
Reactive Organic Gases Tons/Yr:	0.3369877
Carbon Monoxide Emissions Tons/Yr:	0.004
NOX - Oxides of Nitrogen Tons/Yr:	0.018
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY R
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.366
Reactive Organic Gases Tons/Yr:	0.3439237
Carbon Monoxide Emissions Tons/Yr:	0.004
NOX - Oxides of Nitrogen Tons/Yr:	0.015
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.249068563
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.003071667
NOX - Oxides of Nitrogen Tons/Yr:	0.012306939
SOX - Oxides of Sulphur Tons/Yr:	4.987e-005
Particulate Matter Tons/Yr:	0.000263286
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000263286

Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2015
County Code:	41

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.249068536
Reactive Organic Gases Tons/Yr:	0.248901798
Carbon Monoxide Emissions Tons/Yr:	0.003071667
NOX - Oxides of Nitrogen Tons/Yr:	0.01230694
SOX - Oxides of Sulphur Tons/Yr:	4.987e-005
Particulate Matter Tons/Yr:	0.000263286
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000263286

Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Address:	501 9TH AVE
City,State,Zip:	SAN MATEO, CA 94402
Year:	2018
County Code:	41
Air Basin:	SF
Facility ID:	8341
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.552000022
Reactive Organic Gases Tons/Yr:	0.54532082173
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

CERS:

Name:	ALL CAR AUTO PAINTING & BODY REPAIR INC
Address:	501 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94402-1826
Site ID:	450428
CERS ID:	110002890337
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Property Owner
Entity Name:	Rod Dowiat
Entity Title:	Not reported
Affiliation Address:	516 FATHOM DR
Affiliation City:	SANMATEO
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Rod Dowiat
Entity Title:	Not reported

ALL CAR AUTO PAINTING & BODY R (Continued) **S103662453**

Affiliation Address:	516 FATHOM DR
Affiliation City:	SANMATEO
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	TAMMI DOWIAT
Entity Title:	Not reported
Affiliation Address:	501 NINTH AVE
Affiliation City:	SANMATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

X348 **ALL CAR AUTO PAINTING & BODY REPAIR** **CERS HAZ WASTE** **S124446972**
SE **501 NINTH AVE.** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.234 mi.
1233 ft. **Site 11 of 11 in cluster X**

Relative:
Lower

Actual:
20 ft.

CERS HAZ WASTE:

Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Address:	501 NINTH AVE.
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	90895
CERS ID:	10586653
CERS Description:	Hazardous Waste Generator

CERS:

Name:	ALL CAR AUTO PAINTING & BODY REPAIR
Address:	501 NINTH AVE.
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	90895
CERS ID:	10586653
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	90895
Site Name:	All Car Auto Painting & Body Repair
Violation Date:	09-08-2017
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 10/03/2017. The funnels for the waste lacquer based paint and waste waterborne paint drums were open. Ensure that these containers are properly closed unless actively filling or draining. Submit a picture of the closed container to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Violation Program: HW
Violation Source: CERS

Site ID: 90895
Site Name: All Car Auto Painting & Body Repair
Violation Date: 09-19-2019
Citation: 22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description: Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes: Returned to compliance on 12/03/2019. All recent manifests indicate this ID number/address is used for pickup. CAD983656380, ALL CAR AUTO PAINTING & BODY REPAIR INC, 501 9TH AVE SAN MATEO Set up you account to have waste picked up under this EPA ID number and correct any improperly documented manifests (wrong EPA ID number/location). Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90895
Site Name: All Car Auto Painting & Body Repair
Violation Date: 09-08-2017
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 10/03/2017. Map posted. The emergency phone numbers posting could not be located. Post the emergency procedures form or equivalent and provide evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90895
Site Name: All Car Auto Painting & Body Repair
Violation Date: 09-19-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/03/2019. Update each hazardous waste label with the physical state and hazardous properties. Labels requiring update: Waste paint, waterborne paint. Submit evidence of correction to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90895
Site Name: All Car Auto Painting & Body Repair

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Violation Date:	09-08-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 10/03/2017. The waste paint was last picked up in 8/2016. Ensure that each container of hazardous waste is not accumulated for longer than 180 days unless using a special accumulation standard (Point of generation or 27 gallon rule). Provide a copy of the manifest of the completed pickup to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	90895
Site Name:	All Car Auto Painting & Body Repair
Violation Date:	08-14-2015
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 11/10/2015. Safety eye wash must be inspected on a monthly bases and documented.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	90895
Site Name:	All Car Auto Painting & Body Repair
Violation Date:	04-14-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 11/10/2015. 5/13/15 NOV sent resubmitted partial 5/19/15 Reminder email sent 6/4 Steve gave extension until 6/25/15 Final email reminder sent 7/9/15
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	90895
Site Name:	All Car Auto Painting & Body Repair
Violation Date:	08-14-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

1, Section(s) 265.32

Violation Description: Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes: Returned to compliance on 11/10/2015. Fire extinguisher must be inspected on monthly bases and documented.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 90895
Site Name: All Car Auto Painting & Body Repair
Violation Date: 08-14-2015
Citation: 22 CCR 18 66268.7(a) - California Code of Regulations, Title 22, Chapter 18, Section(s) 66268.7(a)
Violation Description: Failure of the generator to determine if the waste is restricted from land disposal.
Violation Notes: Returned to compliance on 11/10/2015. Land Disposal Restriction (LDR) notifications must either accompany each manifest shipped off site or be a one time notification. The one time notification should be renew annually or when required by the final disposal facility. Facility has missing LDR's from various shippments/manifests. Corrective Action: Submit LDR's fro the following manifest; 014397338JJK dated 7/8/15, 011662514JJK dated 9/17/14, 011606815JJK dated 4/30/14
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-26-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Eval General Type:	Other/Unknown
Eval Date:	03-11-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Plan under review - currently unclear if the facility is back in program. Sent email requesting more information to Env. Contact and consultant.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-23-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility submitted a full submission. Accepted. Change reporting requirements to not applicable for Inv. and Plans.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted CERS submission.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-12-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Under review. Sent email requesting more information. Conflicting info submitted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Eval General Type:	Other/Unknown
Eval Date:	04-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not accepted. Missing requested updates.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-06-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-03-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted and rejected multiple submissions as applicable. The facility is not in HMBP program and reported incorrectly before fixing the HMBP in June.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-14-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Eval Date:	08-14-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	9th Ave. Facility Facility appears to store less than 55 gallons of each hazardous substance (liquid) and less than 200 cubic feet of hazardous substance (gas) at this address. If the facility will be removed from the HMBP program, please contact Env. Health to confirm the storage capacity changes. Continue to make sure the HMBP stays accessible to employees on site.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-08-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	30 gal waste waterborne paint - 1-2 drums per year. 30 gal waste lacquer based paint - 1 drum per year. 5 gal waste gun cleaner. Booth filters non- hazardous. Ensure that record of testing is available during inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Contact information updates accepted.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-19-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Emergency procedures posting is at the front desk in the main office and map is located outside the office in the shop. Active ID numbers: CAD983656380 ALL CAR AUTO PAINTING & BODY REPAIR INC 501 9TH AVE SAN MATEO 944021826 Verification questionnaire completed and on file for 501 9th ave CAL000407364 ALL CAR AUTO PAINTING & BODY REPAIR 817 S CLAREMONT ST SAN MATEO 94402 Last updated 10/20/2017 - EVQ updated and completed during the inspection. From <https://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report03.aspx?epaid =CAL000407364> Manifests indicate the designated facility is Pacific Resource Recovery Service 3150 East Pico Blvd. Los Angeles, CA (377

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

miles away) 501 9th: 7/30/19 - 200 lbs paint booth filters (D001, F003, F05) 3/11/19 - 30 gal waste antifreeze 30 gal used oil 3/8/19 - 30 gal waste waterborne paint 30 gal waste paint related material (D001, F003) 4/17/18 - 30 gal waste paint related material 30 gal waste waterborne [Truncated]

Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-02-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted with comments for the next submission.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Under review until COI processed.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 90895
Site Name: All Car Auto Painting & Body Repair
Site Address: 501 NINTH AVE.
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 04-14-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Enf Action Source: CERS

Site ID: 90895
Site Name: All Car Auto Painting & Body Repair
Site Address: 501 NINTH AVE.
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 05-13-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Mateo County Environmental Health
Entity Title: Not reported
Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Document Preparer
Entity Name: LARRY FRANQUEZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Rod A. Dowiat
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 678-4423

Affiliation Type Desc: Property Owner
Entity Name: Rod Dowiat
Entity Title: Not reported
Affiliation Address: 501 NINTH AVENUE
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94402
Affiliation Phone: (650) 678-4423

Affiliation Type Desc: Environmental Contact

ALL CAR AUTO PAINTING & BODY REPAIR (Continued) **S124446972**

Entity Name:	Rod Dowiat
Entity Title:	Not reported
Affiliation Address:	501 NINTH AVENUE
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	501 Ninth ave
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	All Car Auto Painting & Body Repair
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	LARRY FRANQUEZ
Entity Title:	Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Rod Dowiat
Entity Title:	Not reported
Affiliation Address:	501 NINTH AVENUE
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 678-4423

AB349 **TEST FACILITYT** **LUST** **S106567846**
WNW **111 MAIN** **N/A**
1/8-1/4 **SAN MATEO, CA 11111**
0.235 mi.
1243 ft. **Site 2 of 4 in cluster AB**

Relative: LUST REG 2:
Higher

Actual: Region: 2
30 ft. Facility Id: Not reported
Facility Status: Not reported
Case Number: Not reported
How Discovered: GWM
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

U350 **BEN TRE** **San Mateo Co. BI** **S123183856**
West **213 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.236 mi.
1246 ft. **Site 19 of 20 in cluster U**

Relative: San Mateo Co. BI:
Higher

Actual: Name: BEN TRE
33 ft. Address: 213 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0057350
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0079577
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

U351 **MARU MARU** **San Mateo Co. BI** **S123179983**
West **213 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.236 mi.
1246 ft. **Site 20 of 20 in cluster U**

Relative: San Mateo Co. BI:
Higher

Actual: Name: MARU MARU
33 ft. Address: 213 2ND
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0004525
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0058965
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

AD352 **THE STRATFORD** **San Mateo Co. BI** **S123180271**
SSW **601 LAUREL** **N/A**
1/8-1/4 **SAN MATEO, CA 94402**
0.237 mi.
1249 ft. **Site 1 of 3 in cluster AD**

Relative: **Higher**
Actual: **32 ft.**

San Mateo Co. BI:

Name:	THE STRATFORD
Address:	601 LAUREL
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0012432
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069625
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AD353 **THE STRATFORD** **RCRA NonGen / NLR** **1024853544**
SSW **601 LAUREL AVE** **CAL000413475**
1/8-1/4 **SAN MATEO, CA 94401**
0.237 mi.
1249 ft. **Site 2 of 3 in cluster AD**

Relative: **Higher**
Actual: **32 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2015-12-24 00:00:00.0
Handler Name:	THE STRATFORD	
Handler Address:		601 LAUREL AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAL000413475
Contact Name:		MARIA NITESCU
Contact Address:		601 LAUREL AVE
Contact City,State,Zip:		SAN MATEO, CA 94401
Contact Telephone:		650-342-4106
Contact Fax:		650-342-5995
Contact Email:		STRATFORD.DN&5@SUNRISESENLORLIVING.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		601 LAUREL AVE
Mailing City,State,Zip:		SAN MATEO, CA 94401
Owner Name:		THE SUNRISE
Owner Type:		Other
Operator Name:		MARIA NITESCU
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

THE STRATFORD (Continued) **1024853544**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:07:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIA NITESCU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	601 LAUREL AVE
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401

THE STRATFORD (Continued) **1024853544**

Owner/Operator Telephone: 650-342-4106
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE SUNRISE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 601 LAUREL AVE
Owner/Operator City,State,Zip: SAN MATEO, CA 94401
Owner/Operator Telephone: 650-342-4106
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-12-24 00:00:00.0
Handler Name: THE STRATFORD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 623311
NAICS Description: CONTINUING CARE RETIREMENT COMMUNITIES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AC354 **CARL'S CLEANERS** **RCRA-SQG** **1000275397**
South **801 S B ST** **San Mateo Co. BI** **CAD981578883**
1/8-1/4 **SAN MATEO, CA 94401** **DRYCLEANERS**
0.239 mi. **EMI**
1262 ft. **Site 8 of 12 in cluster AC** **HWTS**

Relative:
Higher

Actual:
26 ft.

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: CARL'S CLEANERS
Handler Address: 801 S B ST
Handler City,State,Zip: SAN MATEO, CA 94401
EPA ID: CAD981578883
Contact Name: Not reported
Contact Address: Not reported

CARL'S CLEANERS (Continued) **1000275397**

Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	801 S B ST
Mailing City,State,Zip:	SAN MATEO, CA 94401
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

CARL'S CLEANERS (Continued) **1000275397**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:25:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LEE AMANDA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: CARL'S CLEANERS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

CARL'S CLEANERS (Continued) **1000275397**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-11-18 00:00:00.0
Handler Name: CARL'S CLEANERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

San Mateo Co. BI:
Name: CARLS CLEANERS
Address: 801 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017016
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010655
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: CARLS CLEANERS
Address: 801 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017016
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0025007
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: TWINKLE CLEANERS
Address: 801 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0037334

CARL'S CLEANERS (Continued) **1000275397**

Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0054185
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: TWINKLE CLEANERS
Address: 801 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0037334
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068873
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: TWINKLE CLEANERS
Address: 801 B
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0037334
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0054184
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

DRYCLEANERS:
Name: CARL'S CLEANER
Address: 801 S B ST
City,State,Zip: SAN MATEO, CA 94401
EPA Id: CAL000273827
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 08/14/2003
Facility Active: No
Inactive Date: 06/30/2008
Facility Addr2: Not reported
Owner Name: YAO-NIAN MAI
Owner Address: 1621 VISITACION AVE
Owner Address 2: Not reported
Owner Telephone: 4158419036
Contact Name: YAO-NIAN MAI
Contact Address: 801 S B ST
Contact Address 2: Not reported
Contact Telephone: 6503445322
Contact Fax: Not reported
Mailing Name: Not reported
Mailing Address 1: 801 S B ST
Mailing Address 2: Not reported
Mailing City: SAN MATEO
Mailing State: CA
Mailing Zip: 94401
Owner Fax: Not reported

CARL'S CLEANERS (Continued) **1000275397**

Region Code:	2
Latitude:	37.562312
Longitude:	-122.318724
Name:	TWINKLE CLEANERS
Address:	801 S B ST
City,State,Zip:	SAN MATEO, CA 944014205
EPA Id:	CAL000342697
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	05/01/2009
Facility Active:	No
Inactive Date:	06/30/2020
Facility Addr2:	Not reported
Owner Name:	EVA CHEUNG
Owner Address:	801 S B ST
Owner Address 2:	Not reported
Owner Telephone:	6503445322
Contact Name:	JACKAL PAK/MGR
Contact Address:	801 S B ST
Contact Address 2:	Not reported
Contact Telephone:	4152055284
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	801 S B ST
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944014205
Owner Fax:	Not reported
Region Code:	2
Latitude:	37.562248
Longitude:	-122.318821

EMI:

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7215
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CARL'S CLEANERS (Continued) **1000275397**

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7215
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	1993
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

CARL'S CLEANERS (Continued) **1000275397**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CARL'S FINE DRY CLEANING
Address: 801 SO B STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 1996
County Code: 41
Air Basin: SF
Facility ID: 324
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CARL'S FINE DRY CLEANING
Address: 801 SO B STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 1997
County Code: 41
Air Basin: SF
Facility ID: 324
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CARL'S FINE DRY CLEANING
Address: 801 SO B STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 1998
County Code: 41
Air Basin: SF
Facility ID: 324
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0

CARL'S CLEANERS (Continued) **1000275397**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

CARL'S CLEANERS (Continued) **1000275397**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CARL'S FINE DRY CLEANING
Address: 801 SO B STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2002
County Code: 41
Air Basin: SF
Facility ID: 324
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CARL'S FINE DRY CLEANING
Address: 801 SO B STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2003
County Code: 41
Air Basin: SF
Facility ID: 324
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CARL'S FINE DRY CLEANING
Address: 801 SO B STREET
City,State,Zip: SAN MATEO, CA 94401
Year: 2004
County Code: 41
Air Basin: SF
Facility ID: 324
Air District Name: BA

CARL'S CLEANERS (Continued) **1000275397**

SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.652
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.73
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2007
County Code:	41

CARL'S CLEANERS (Continued) **1000275397**

Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.73
Reactive Organic Gases Tons/Yr:	.509978
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CARL'S FINE DRY CLEANING
Address:	801 SO B STREET
City,State,Zip:	SAN MATEO, CA 94401
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	324
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.73
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HWTS:

Name:	TWINKLE CLEANERS
Address:	801 S B ST
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944014205
EPA ID:	CAL000342697
Inactive Date:	06/30/2020
Create Date:	05/01/2009
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	801 S B ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944014205
Owner Name:	EVA CHEUNG
Owner Address:	801 S B ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 944014205
Contact Name:	JACKAL PAK/MGR
Contact Address:	801 S B ST
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944014205

CARL'S CLEANERS (Continued) **1000275397**

NAICS:

EPA ID:	CAL000342697
Create Date:	2009-05-01 09:52:27.190
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2009-05-01 09:52:27.19000
Inactive Date:	2020-06-30 00:00:00
Facility Name:	TWINKLE CLEANERS
Facility Address:	801 S B ST
Facility Address 2:	Not reported
Facility City:	SAN MATEO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	944014205

AC355 **FORMER CARL'S CLEANERS** **ENVIROSTOR** **S127094020**
South **801 SOUTH B STREET** **VCP** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.239 mi.
1262 ft. **Site 9 of 12 in cluster AC**

Relative: **Higher**

Actual: **26 ft.**

ENVIROSTOR:

Name:	FORMER CARL'S CLEANERS
Address:	801 SOUTH B STREET
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	60003069
Status:	Active
Status Date:	07/22/2020
Site Code:	202339
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.14
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	202339
Alias Type:	Project Code (Site Code)
Alias Name:	60003069
Alias Type:	Envirostor ID Number

FORMER CARL'S CLEANERS (Continued) **S127094020**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	02/22/2021
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/20/2018
Comments:	Phase I ESA for the site prepared in 2014 and received by San Mateo County Health Department in 2018.

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Investigation / Feasibility Study
Future Due Date:	2021
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Name:	FORMER CARL'S CLEANERS
Address:	801 SOUTH B STREET
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	60003069
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.14
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nathan Unangst
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Site Code:	202339
Assembly:	22
Senate:	13
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	07/22/2020
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	0 / 0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	202339
Alias Type:	Project Code (Site Code)

FORMER CARL'S CLEANERS (Continued) **S127094020**

Alias Name: 60003069
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/22/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/20/2018
Comments: Phase I ESA for the site prepared in 2014 and received by San Mateo County Health Department in 2018.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AC356 **CARL'S DRY CLEANERS** **CPS-SLIC** **S121476029**
South **801 SOUTH B STREET** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.239 mi.
1262 ft. **Site 10 of 12 in cluster AC**

Relative:
Higher

Actual:
26 ft.

CPS-SLIC:
Name: CARL'S DRY CLEANERS
Address: 801 SOUTH B STREET
City,State,Zip: SAN MATEO, CA 94401
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 02/20/2018
Global Id: T10000011323
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 119198
Latitude: 37.5622
Longitude: -122.31863
Case Type: Cleanup Program Site
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

AC357 **TWINKLE CLEANERS** **RCRA NonGen / NLR** **1024823056**
South **801 S B ST** **CAL000342697**
1/8-1/4 **SAN MATEO, CA 94401**
0.239 mi.
1262 ft. **Site 11 of 12 in cluster AC**

Relative: **Higher**
Actual: **26 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2009-05-01 00:00:00.0
Handler Name:	TWINKLE CLEANERS	
Handler Address:		801 S B ST
Handler City,State,Zip:		SAN MATEO, CA 94401-4205
EPA ID:		CAL000342697
Contact Name:		JACKAL PAK/MGR
Contact Address:		801 S B ST
Contact City,State,Zip:		SAN MATEO, CA 94401-4205
Contact Telephone:		415-205-5284
Contact Fax:		Not reported
Contact Email:		JPEC861@AOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		801 S B ST
Mailing City,State,Zip:		SAN MATEO, CA 94401-4205
Owner Name:		EVA CHEUNG
Owner Type:		Other
Operator Name:		JACKAL PAK/MGR
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

TWINKLE CLEANERS (Continued) **1024823056**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:31:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EVA CHEUNG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 S B ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4205
Owner/Operator Telephone:	650-344-5322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACKAL PAK/MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 S B ST
Owner/Operator City,State,Zip:	SAN MATEO, CA 94401-4205
Owner/Operator Telephone:	415-205-5284
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TWINKLE CLEANERS (Continued) **1024823056**

Historic Generators:
- Receive Date: 2009-05-01 00:00:00.0
- Handler Name: TWINKLE CLEANERS
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 81232
- NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

AA358 **PIZZA MY HEART SAN MATEO** **San Mateo Co. BI** **S119781576**
SW **140 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.241 mi.
1272 ft. **Site 9 of 10 in cluster AA**

Relative: **Higher**
Actual: **37 ft.**

San Mateo Co. BI:
- Name: PIZZA MY HEART SAN MATEO
- Address: 140 4TH
- City,State,Zip: SAN MATEO, CA 94401
- Region: SAN MATEO
- Facility ID: FA0025633
- Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
- Record Id: PR0069183
- Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
- Facility Status: Inactive, non-billable
- Program Category: STORMWATER

- Name: PIZZA MY HEART SAN MATEO
- Address: 140 4TH
- City,State,Zip: SAN MATEO, CA 94401
- Region: SAN MATEO
- Facility ID: FA0025633
- Prog Element Code: STORES MV FUELS OR WASTE ONLY
- Record Id: PR0083528
- Description: STORES MV FUELS OR WASTE ONLY
- Facility Status: Active, billable
- Program Category: BUSINESS PLAN PROGRAM

AE359 **CHILTON AUTO BODY INC** **San Mateo Co. BI** **S117398858**
WNW **401 1ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.243 mi.
1283 ft. **Site 1 of 5 in cluster AE**

Relative:
Higher

Actual:
28 ft.

San Mateo Co. BI:

Name:	CHILTON AUTO BODY INC
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0056965
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0078960
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	CHILTON AUTO BODY INC
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0056965
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0078959
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	CHILTON AUTO BODY INC
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0056965
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0078958
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

AE360 **NEW WAVE AUTO BODY** **SWEEPS UST** **S106929873**
WNW **401 FIRST ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.243 mi.
1283 ft. **Site 2 of 5 in cluster AE**

Relative:
Higher

Actual:
28 ft.

SWEEPS UST:

Name:	NEW WAVE AUTO BODY
Address:	401 FIRST ST
City:	SAN MATEO
Status:	Not reported
Comp Number:	110170
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110170-000001
Tank Status:	Not reported

NEW WAVE AUTO BODY (Continued) **S106929873**

Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	PRM UNLEADED
Number Of Tanks:	1

AE361 **CHILTON AUTO BODY INC** **CERS HAZ WASTE** **S121781001**
WNW **401 1ST AVE** **CERS** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.243 mi.
1283 ft. **Site 3 of 5 in cluster AE**

Relative:
Higher

Actual:
28 ft.

CERS HAZ WASTE:

Name:	CHILTON AUTO BODY INC
Address:	401 1ST AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	421895
CERS ID:	10615588
CERS Description:	Hazardous Waste Generator

CERS:

Name:	CHILTON AUTO BODY INC
Address:	401 1ST AVE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	421895
CERS ID:	10615588
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-28-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/28/2019. The date is missing on the waste waterborne paint (only month provided). The used oil and waste antifreeze labels are missing from containers at the welding shiop. The bondo dust container at the welding shop does not have an EPA ID number so the address listed is not accurate. Update labels and provide evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-02-2016
Citation:	22 CCR 23 66273.36 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.36
Violation Description:	Failure of universal waste handler to provide initial and/or annual refresher training for employees who manage or handle universal waste and to maintain a written record for three years of personnel who took

CHILTON AUTO BODY INC (Continued) **S121781001**

	the initial or annual training.
Violation Notes:	Returned to compliance on 01/12/2017. Facility generates a small amount of universal waste on site. A florescent bulb was found in the storage area and appeared to be stored unprotected, with the trash. Universal waste aerosols may also be collected in the future. Provide adequate training to employees who handle universal waste to ensure that all universal wastes (ex. non-empty aerosols, fluorescent bulbs, and small batteries) are handled properly and prevented from entering the trash. Provide evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-02-2016
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 01/12/2017. Facility had fire extinguishers, a first aid kit, and an eyewash station on site. Fire extinguishers observed were properly certified however one in the paint area was missing the location sign. The eyewash station inspection label did not indicate when/if the fluid had been changed out. Continue to inspect and maintain safety equipment at your facility. Provide evidence that the eyewash station has been maintained within 30 days to Env. Health.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-02-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 12/02/2016. The drums of used oil and antifreeze stored in the storage area near the metal shop and detail area were left open. Keep containers closed except when filling/draining them. Waste oil and antifreeze containers were closed during the inspection. Corrected on site.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC

CHILTON AUTO BODY INC (Continued) **S121781001**

Violation Date:	06-08-2017
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 07/30/2017. The environmental contact on the HMBP is listed as Safety Kleen. Correct this entry to be a facility representative. Submit updated HMBP to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-02-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/26/2017. The following waste containers were missing all or some information on the label: - Waste waterborne paint in the main paint area is missing all label elements (blank hazardous waste label) - Waste solvent based paint (30 gal in the main paint area) is missing the accumulation start date - Waste antifreeze next to the metal shop / detail area is missing the accumulation start date - Used or Waste oil next to the metal shop / detail area is missing the accumulation start date and facility contact information. - One unlabeled drum behind the building appeared to be full of an unknown material. Verify that this is waste or not and label it as appropriate. Provide evidence of completion to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-02-2016
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 01/26/2017. No used oil manifest was able to be located during the inspection. Provide evidence that the used oil has been disposed of within the last 180 days. Currently the container does not met point of generation requirements. The container is not under the control of one person, nor is it located at the point of

CHILTON AUTO BODY INC (Continued) **S121781001**

waste generation. It is currently located in a storage area near the metal and detail shops. Provide evidence of completion to Env. Health within 30 days.

Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 421895
Site Name: CHILTON AUTO BODY INC
Violation Date: 12-28-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 04/04/2019. 4 metal 55 gallon drums and 2 5 gallon pails behind the 49 Railroad facility were labeled as acetone or were not labeled. It is not clear what is stored in these drums. Label them with their contents. Based on their determination, handle them properly. One 30 gallon drum labeled waterborne cleaning solvent is stored on the 49 Railroad lot next to the gate. The contents are unknown but the drum appears to be waste. Label them with their contents. Based on their determination, handle them properly. Provide Env. Health with an explanation within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 421895
Site Name: CHILTON AUTO BODY INC
Violation Date: 12-28-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/10/2019. The final copy of the manifests generated in 2017 and 2018 could not be located during the inspection. Provide a copy of the uniform hazardous waste manifest for all pickups to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 421895
Site Name: CHILTON AUTO BODY INC
Violation Date: 12-28-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 01/28/2019. The EPA ID number (CAL000397745) is for the 49 S which appears to be contiguous with the 401 1st Ave. building. Bondo dust, used oil, and antifreeze waste generated at the welding shop will need to be recorded on a separate EPA ID. Submit

CHILTON AUTO BODY INC (Continued) **S121781001**

	evidence of acquiring a new EPA ID number within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-02-2016
Citation:	HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description:	Failure to record in an operating log and retain for three years the following information for each shipment of recycled or exempted oil: 1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1. 2) The name and address of the facility receiving the shipment. 3) The quantity of oil delivered. 4) The date of shipment or delivery. 5) A cross-reference to the records and documentation required under HSC 6.5 25250.1.
Violation Notes:	Returned to compliance on 01/26/2017. No records of used oil disposal was available on site. Provide copies of the manifests for used oil for the last 3 years or since facility operation began in 2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	12-28-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 01/28/2019. Waste paint containers were left uncovered sitting on top of the waste paint solids drum. Keep paint containers closed and properly manage liquid waste as liquid and solid waste as solid. Drying paint may be considered treatment of hazardous waste. Locate the ring for the waste paint solids drum and keep container fully closed when not being filled/emptied. Submit evidence of correction to Env. Health within 30 days.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	421895
Site Name:	CHILTON AUTO BODY INC
Violation Date:	06-08-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/21/2017. 2x138 cf of CO2 Argon are located at the 21 S. Railroad building. This building may be required

CHILTON AUTO BODY INC (Continued) **S121781001**

to submit a separate business plan if it either cannot meet the campus facility policy requirements or is above the 200 cubic foot threshold for this substance. The acetylene quantity reported in the business plan is not accurate. The container marking was not available but the tank appeared to be between 110-160 cubic feet. Submit the corrected inventory on CERS within 30 days.

Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 421895
Site Name: CHILTON AUTO BODY INC
Violation Date: 12-02-2016
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 01/12/2017. No emergency phone/equipment information was posted at the facility. An example form was provided today to meet this requirement. Provide evidence of completion of this posting within 30 days to Env. Health.
Violation Division: San Mateo County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 421895
Site Name: CHILTON AUTO BODY INC
Violation Date: 12-28-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 01/31/2019. Training for 6 employees is recorded. 3 additional employees are required to have training in emergency response procedures. Submit evidence of completion for emergency response (HMBP) training to Env. Health within 30 days.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 421895
Site Name: CHILTON AUTO BODY INC
Violation Date: 12-28-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 01/28/2019. No property owner notification could be located during the inspection. Submit evidence, a copy of the property owner notification to Env. Health within 30 days. Keep a copy on site for review during the inspection.

CHILTON AUTO BODY INC (Continued) **S121781001**

Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-19-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: New: Chilton Auto Body 401 1st Ave. San Mateo CA 94401
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hazardous Materials Business Plan requirements note: 55 gallon drum of acetone is used for the gun cleaner. In addition two 5 gal drums of acetone are located at the gun cleaner. Cylinder of oxygen appears as though it could be over 200 cubic feet.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 55 gallon waste flammable paint/solvent 30 gal waste waterborne paint 55 gallon waste paint solids 55 gallon waste aerosols Waste lead acid batteries exchanged 1 for 1, none observed. Welding shop: 5 gallon used oil 15 gallon waste antifreeze 55 gallon drum bondo dust. Note: Store this drum inside the shop to use point of generation accumulation accumulation times.
Eval Division: San Mateo County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Last accepted submittal: Jun. 4, 2018. Please update the emergency contacts last submitted. Manager has changed. The welding shop is currently storing about 500-600 CF of CO2/argon, 100-200 CF acetylene and oxygen. There is also a 55 gallon drum for bondo dust stored at the welding shop. Based on this inventory and the separate address, it appears the facility will be required to submit a separate HMBP. Submit this within 30 days.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-26-2017

CHILTON AUTO BODY INC (Continued) **S121781001**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Based on the inspection and previously submitted pictures, violations are closed. Used oil was reported to not be collected at the facility and the drum was determined to be empty. The violation is listed as unresolvable. Typically the facility only does radiator repair. Based on the operations, the facility will schedule a regular pickup to document that the used oil drum was serviced by Safety Kleen on schedule. Please see the used oil management fact sheet and SMC website for your options. http://www.smchealth.org/sites/main/files/file-attachments/usedoilforgenerators.pdf
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Declined. Sent an email.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-20-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted corrections.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-03-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Drums behind the building, on observation, had been removed. I spoke with Bill on a follow-up call 4/4/19 and he said that they had been picked up and he would send over the manifest. No signature obtained during the inspection. Re-inspection planned for 4/10/19 to review missing manifest copies.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-10-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	All final copies of the manifest appear to be on site. 3/14/08 test for paint booth filters (metals) reviewed during the inspection. This record was found in the yellow box. Bill reported no changes to the process. No concerns noted for normal disposal.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HW

CHILTON AUTO BODY INC (Continued) **S121781001**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted partial submission. Missing the inventory section. Sent email.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-14-2020
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted with comment about typo.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Facility recently submitted the HMBP on CERS. Some minor corrections are requested to be submitted within 30 days.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-08-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-05-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Rejected inventory/map with comments.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

CHILTON AUTO BODY INC (Continued) **S121781001**

Eval General Type: Other/Unknown
Eval Date: 07-23-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed corrections and emailed response back.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inventory corrections accepted.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-19-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: New: Chilton Auto Body 401 1st Ave. San Mateo CA 94401
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 421895
Facility Name: CHILTON AUTO BODY INC
Env Int Type Code: HMBP
Program ID: 10615588
Coord Name: Not reported
Ref Point Type Desc: Entrance point of a facility or station
Latitude: 37.614475
Longitude: -122.405080

Affiliation:

CHILTON AUTO BODY INC (Continued) **S121781001**

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Bill Newman
Entity Title:	Not reported
Affiliation Address:	401 1ST AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94401
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	MJ Zappe
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Mike Chilton
Entity Title:	Not reported
Affiliation Address:	401 1ST AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94401
Affiliation Phone:	(650) 347-8420

Affiliation Type Desc:	Document Preparer
Entity Name:	MJ Zappe
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	CHILTON AUTO BODY INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

CHILTON AUTO BODY INC (Continued) **S121781001**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 401 1ST AVE
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94401
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Chilton Auto Body San Mateo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 347-8420

AE362 **D J S** **RCRA-SQG** **1000130329**
WNW **401 FIRST AVE** **CAD981650849**
1/8-1/4 **SAN MATEO, CA 94401**
0.243 mi.
1283 ft. **Site 4 of 5 in cluster AE**

Relative: **Higher**
Actual: **28 ft.**

RCRA-SQG:

Date Form Received by Agency:		1996-09-01 00:00:00.0
Handler Name:	D J S	
Handler Address:		401 FIRST AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAD981650849
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		FIRST AVE
Mailing City,State,Zip:		SAN MATEO, CA 94401
Owner Name:		JOE GRISOLIO
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private

D J S (Continued) **1000130329**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

D J S (Continued) **1000130329**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOE GRISOLIO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: D J S	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

AE363 **NEW WAVE** **San Mateo Co. BI** **S106981001**
WNW **401 1ST** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.243 mi.
1283 ft. **Site 5 of 5 in cluster AE**

Relative:
Higher

Actual:
28 ft.

San Mateo Co. BI:

Name:	NEW WAVE
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0002445
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0003342
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	NEW WAVE
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0002445
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010695
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	WARD ANDERSON REALTY
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0002461
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0026133
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	NEW WAVE AUTO BODY
Address:	401 1ST
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0014778
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022192
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

AF364 **EVERYBODYS MARKET** **San Mateo Co. BI** **S123182833**
NE **916 4TH** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.243 mi.
1284 ft. **Site 1 of 2 in cluster AF**

Relative: **Lower**
Actual: **16 ft.**

San Mateo Co. BI:

Name:	EVERYBODYS MARKET
Address:	916 4TH
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0047980
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069684
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AC365 **RAMEN DOJO** **San Mateo Co. BI** **S123179548**
South **805 B** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.245 mi.
1291 ft. **Site 12 of 12 in cluster AC**

Relative: **Higher**
Actual: **25 ft.**

San Mateo Co. BI:

Name:	RAMEN DOJO
Address:	805 B
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0001523
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069669
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AG366 **BAY WATCH** **San Mateo Co. BI** **S123179929**
West **201 2ND** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.245 mi.
1296 ft. **Site 1 of 3 in cluster AG**

Relative: **Higher**
Actual: **33 ft.**

San Mateo Co. BI:

Name:	BAY WATCH
Address:	201 2ND
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0004109
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069380
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AH367 **GOLDEN ISLAND CAFE** **San Mateo Co. BI** **S123181719**
WSW **146 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.248 mi.
1311 ft. **Site 1 of 3 in cluster AH**

Relative: San Mateo Co. BI:
Higher
Actual: Name: GOLDEN ISLAND CAFE
38 ft. Address: 146 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0028065
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069210
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

AH368 **BEST OF BURMA** **San Mateo Co. BI** **S123183865**
WSW **146 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.248 mi.
1311 ft. **Site 2 of 3 in cluster AH**

Relative: San Mateo Co. BI:
Higher
Actual: Name: BEST OF BURMA
38 ft. Address: 146 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0057447
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0079709
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

AA369 **SHIHLIN TAIWAN STREET SNACKS** **San Mateo Co. BI** **S123181489**
WSW **142 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.249 mi.
1313 ft. **Site 10 of 10 in cluster AA**

Relative: San Mateo Co. BI:
Higher
Actual: Name: SHIHLIN TAIWAN STREET SNACKS
38 ft. Address: 142 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0026954
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069185
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

AH370 **RAVE BURGER** **San Mateo Co. BI** **S123182058**
WSW **144 3RD** **N/A**
1/8-1/4 **SAN MATEO, CA 94401**
0.249 mi.
1314 ft. **Site 3 of 3 in cluster AH**

Relative:
Higher

Actual:
38 ft.

San Mateo Co. BI:

Name:	RAVE BURGER
Address:	144 3RD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0029377
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069192
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

AB371 **SMB PROPERTIES** **LUST** **S103893845**
WNW **226 1ST** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **Cortese**
0.259 mi. **HIST CORTESE**
1368 ft. **Site 3 of 4 in cluster AB** **CERS**

Relative:
Higher

Actual:
32 ft.

SAN MATEO CO. LUST:

Name:	SMB PROPERTIES
Address:	226 1ST AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110103
Facility Status:	9- Case Closed
Global ID:	T0608100859
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	SMB PROPERTIES
Address:	226 1ST
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100859
Global Id:	T0608100859
Latitude:	37.5667197
Longitude:	-122.3245337
Status:	Completed - Case Closed
Status Date:	01/02/1997
Case Worker:	Not reported
RB Case Number:	41-0933
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110103
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100859
Contact Type:	Regional Board Caseworker

SMB PROPERTIES (Continued) **S103893845**

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100859
Action Type: ENFORCEMENT
Date: 08/18/1995
Action: Notice of Responsibility - #1

Global Id: T0608100859
Action Type: Other
Date: 08/08/1995
Action: Leak Reported

LUST:
Global Id: T0608100859
Status: Open - Case Begin Date
Status Date: 08/08/1995

Global Id: T0608100859
Status: Completed - Case Closed
Status Date: 01/02/1997

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110103
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: VACANT BUILDING
Address: 226 1ST
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0023238
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026730
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable

SMB PROPERTIES (Continued) **S103893845**

Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: SMB PROPERTIES
Address: 226 1ST
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100859
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SMB PROPERTIES
edr_fadd1: 226 1ST
City,State,Zip: SAN MATEO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0933

CERS:
Name: SMB PROPERTIES
Address: 226 1ST
City,State,Zip: SAN MATEO, CA 94401
Site ID: 218830
CERS ID: T0608100859
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AB372 **SAN MATEO DOWNTOWN TRANSIT CTR** **LUST** **S106611016**
WNW **1ST & NORTH B** **CPS-SLIC** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **CERS**
0.260 mi.
1371 ft. **Site 4 of 4 in cluster AB**

Relative:
Higher

Actual:
32 ft.

SAN MATEO CO. LUST:

Name:	SAN MATEO DOWNTOWN TRANSIT CTR
Address:	1ST & NORTH B ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	119127
Facility Status:	9- Case Closed
Global ID:	T0608106036
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

CPS-SLIC:

Name:	SAN MATEO DOWNTOWN TRANSIT CTR
Address:	1ST & NORTH B
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/28/2002
Global Id:	T0608106036
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	119127
Latitude:	37.5674057369224
Longitude:	-122.324137687683
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	SAN MATEO DOWNTOWN TRANSIT CTR
Address:	1ST & NORTH B
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	195130
CERS ID:	T0608106036
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AF373 **HUMBOLDT SQUARE** **ENVIROSTOR** **S103957338**
NE **304 - 316 S. HUMBOLDT STREET** **VCP** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.266 mi.
1404 ft. **Site 2 of 2 in cluster AF**

Relative:
Lower

Actual:
15 ft.

ENVIROSTOR:

Name:	HUMBOLDT SQUARE
Address:	304 - 316 S. HUMBOLDT STREET
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	41880001
Status:	Refer: Local Agency
Status Date:	08/19/1998
Site Code:	201128
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.56895
Longitude:	-122.3158
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	110033615014
Alias Type:	EPA (FRS #)
Alias Name:	201128
Alias Type:	Project Code (Site Code)
Alias Name:	41880001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Consultation
Completed Date:	08/19/1998
Comments:	DTSC provided review and comment on the lead cleanup levels developed by the City of San Mateo for this redevelopment project. Lead originated from house paint on the houses which we scheduled to be demolished. A cleanup level of 400 parts per million average and 840 ppm maximum for lead was set. DTSC only provided consultatives services on the project.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Voluntary Cleanup Agreement Completion
Completed Date:	04/19/1999
Comments:	Not reported

HUMBOLDT SQUARE (Continued) **S103957338**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/22/1998
Comments: SIGNED VOLUNTARY CLEANUP AGREEMENT TO PROVIDE CONSULTATION ON PROPOSED LEAD CLEANUP LEVELS FOR RESIDENTIAL USE SCENARIO.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: HUMBOLDT SQUARE
Address: 304 - 316 S. HUMBOLDT STREET
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 41880001
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Site Code: 201128
Assembly: 22
Senate: 13
Special Programs Code: Voluntary Cleanup Program
Status: Refer: Local Agency
Status Date: 08/19/1998
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.56895 / -122.3158
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: 30013
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: 110033615014
Alias Type: EPA (FRS #)
Alias Name: 201128
Alias Type: Project Code (Site Code)
Alias Name: 41880001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

HUMBOLDT SQUARE (Continued) **S103957338**

Completed Document Type:	Voluntary Cleanup Consultation
Completed Date:	08/19/1998
Comments:	DTSC provided review and comment on the lead cleanup levels developed by the City of San Mateo for this redevelopment project. Lead originated from house paint on the houses which we scheduled to be demolished. A cleanup level of 400 parts per million average and 840 ppm maximum for lead was set. DTSC only provided consultatives services on the project.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Voluntary Cleanup Agreement Completion
Completed Date:	04/19/1999
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	06/22/1998
Comments:	SIGNED VOLUNTARY CLEANUP AGREEMENT TO PROVIDE CONSULTATION ON PROPOSED LEAD CLEANUP LEVELS FOR RESIDENTIAL USE SCENARIO.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

AD374 **MILLBRAE SCHOOL WAREHOUSE** **HIST CORTESE** **S103669544**
SSW **700 LAUREL** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.280 mi.
1477 ft. **Site 3 of 3 in cluster AD**

Relative: HIST CORTESE:
Higher

edr_fname:	MILLBRAE SCHOOL WAREHOUSE
edr_fadd1:	700 LAUREL
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-1118

Actual:
31 ft.

AG375 **FIRE STATION #1** **LUST** **U001595992**
West **120 S ELLSWORTH** **SWEEPS UST** **N/A**
1/4-1/2 **SAN MATEO, CA 94402** **HIST UST**
0.286 mi.
1511 ft. **Site 2 of 3 in cluster AG**

Relative:
Higher

Actual:
34 ft.

SAN MATEO CO. LUST:

Name:	CITY OF SAN MATEO,FIRE STA.#21
Address:	120 S ELLSWORTH ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110064
Facility Status:	9- Case Closed
Global ID:	T0608100246
APN Number:	034151090
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

Name:	FIRE STATION #21
Address:	120 S ELLSWORTH ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	119138
Facility Status:	9- Case Closed
Global ID:	T0608182164
APN Number:	034151090
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

SWEEPS UST:

Name:	FIRE STATION #1
Address:	120 S ELLSWORTH
City:	SAN MATEO
Status:	Not reported
Comp Number:	110127
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110127-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

Name:	FIRE STATION #1
Address:	120 S ELLSWORTH
City:	SAN MATEO
Status:	Active
Comp Number:	110127
Number:	4
Board Of Equalization:	Not reported
Referral Date:	11-10-93
Action Date:	11-10-93

FIRE STATION #1 (Continued) **U001595992**

Created Date: 06-19-90
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110127-000001
Tank Status: A
Capacity: 55
Active Date: 06-19-90
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

HIST UST:
Name: FIRE DEPT STATION ONE
Address: 120 SOUTH ELLSWORTH AVE
City,State,Zip: SAN MATEO, CA 94401
File Number: 0002103A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002103A.pdf
Region: STATE
Facility ID: 00000036740
Facility Type: Other
Other Type: FIRE STATION
Contact Name: Not reported
Telephone: 4153774660
Owner Name: CITY OF SAN MATEO
Owner Address: 330 WEST TWENTIETH AVE.
Owner City,St,Zip: SAN MATEO, CA 94403
Total Tanks: 0001

Tank Num: 001
Container Num: 11
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

AG376 **CITY OF SAN MATEO,FIRE STA.#21** **LUST** **S103894226**
West **120 SOUTH ELLSWORTH AVENUE** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **Cortese**
0.286 mi. **HIST CORTESE**
1511 ft. **Site 3 of 3 in cluster AG** **CERS**

Relative:
Higher

Actual:
34 ft.

LUST:
Name: CITY OF SAN MATEO,FIRE STA.#21
Address: 120 SOUTH ELLSWORTH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100246
Global Id: T0608100246
Latitude: 37.56627
Longitude: -122.324671
Status: Completed - Case Closed
Status Date: 11/20/1996

CITY OF SAN MATEO,FIRE STA.#21 (Continued) **S103894226**

Case Worker: Not reported
RB Case Number: 41-0258
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110064
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100246
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100246
Action Type: ENFORCEMENT
Date: 01/31/1992
Action: Notice of Responsibility - #1

Global Id: T0608100246
Action Type: Other
Date: 09/11/1991
Action: Leak Discovery

Global Id: T0608100246
Action Type: Other
Date: 09/11/1991
Action: Leak Reported

LUST:
Global Id: T0608100246
Status: Open - Case Begin Date
Status Date: 09/11/1991

Global Id: T0608100246
Status: Completed - Case Closed
Status Date: 11/20/1996

San Mateo Co. BI:
Name: FIRE STATION #1
Address: 120 ELLSWORTH
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0023128
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026391
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

CITY OF SAN MATEO,FIRE STA.#21 (Continued) **S103894226**

CORTESE:

Name:	CITY OF SAN MATEO,FIRE STA.#21
Address:	120 SOUTH ELLSWORTH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100246
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SAN MATEO FIRE STATION #2
edr_fadd1:	120 ELLSWORTH
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0258

CERS:

Name:	CITY OF SAN MATEO,FIRE STA.#21
Address:	120 SOUTH ELLSWORTH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	206795
CERS ID:	T0608100246
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

377
NNE
1/4-1/2
0.301 mi.
1587 ft.

CITY OF SAN MATEO
0 3RD AVE & HUMBOLDT
SAN MATEO, CA 94403

LUST **S109285832**
Cortese **N/A**
CERS

Relative:
Lower

Actual:
14 ft.

SAN MATEO CO. LUST:

Name:	CITY OF SAN MATEO
Address:	3RD AVE & HUMBOLDT ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	119120
Facility Status:	9- Case Closed
Global ID:	T0608137644
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	CITY OF SAN MATEO
Address:	0 3RD AVE & HUMBOLDT
City,State,Zip:	SAN MATEO, CA 94403
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608137644
Global Id:	T0608137644
Latitude:	37.5699909288144
Longitude:	-122.316498756409
Status:	Completed - Case Closed
Status Date:	04/30/1999
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	119120
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Lead
Site History:	Not reported

LUST:

Global Id:	T0608137644
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608137644
Action Type:	ENFORCEMENT
Date:	04/30/1998
Action:	* Historical Enforcement - #1
Global Id:	T0608137644
Action Type:	Other
Date:	04/29/1998
Action:	Leak Reported

CITY OF SAN MATEO (Continued) **S109285832**

LUST:
Global Id: T0608137644
Status: Open - Case Begin Date
Status Date: 04/29/1998

Global Id: T0608137644
Status: Completed - Case Closed
Status Date: 04/30/1999

CORTESE:
Name: CITY OF SAN MATEO
Address: 0 3RD AVE & HUMBOLDT
City,State,Zip: SAN MATEO, CA 94403
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608137644
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: CITY OF SAN MATEO
Address: 0 3RD AVE & HUMBOLDT
City,State,Zip: SAN MATEO, CA 94403
Site ID: 259026
CERS ID: T0608137644
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AI378 **CITY OF SAN MATEO,FIRE STA.#21** **LUST** **S103472846**
West **120 ELLSWORTH** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.311 mi.
1644 ft. **Site 1 of 3 in cluster AI**

Relative: **Higher**
Actual: **30 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110064
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

AJ379 **922-980 SOUTH CLAREMONT** **CPS-SLIC** **S126421089**
SSE **922-980 SOUTH CLAREMONT** **N/A**
1/4-1/2 **SAN MATEO, CA 94402**
0.333 mi.
1759 ft. **Site 1 of 3 in cluster AJ**

Relative: **Lower**
Actual: **18 ft.**

CPS-SLIC:

Name:	922-980 SOUTH CLAREMONT
Address:	922-980 SOUTH CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	STATE
Facility Status:	**Open - Long Term Management**
Status Date:	12/31/2020
Global Id:	T10000012959
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	Not reported
Latitude:	37.56196
Longitude:	-122.31594
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

AI380 **MILLS HEALTH CENTER** **RCRA-SQG** **1000291979**
West **100 S. SAN MATEO DR.** **LUST** **CAD078769643**
1/4-1/2 **SAN MATEO, CA 94401** **SWEEPS UST**
0.339 mi. **HIST UST**
1791 ft. **Site 2 of 3 in cluster AI** **CA FID UST**
San Mateo Co. BI
Relative: **EMI**
Higher

Actual: RCRA-SQG:
30 ft.

Date Form Received by Agency:		2006-02-24 00:00:00.0
Handler Name:	MILLS HEALTH CENTER	
Handler Address:		100 S. SAN MATEO DR.
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAD078769643
Contact Name:		GAIL D LEE
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		650-696-5706
Contact Fax:		Not reported
Contact Email:		LEEG1@SUTTERHEALTH.ORG
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1783 EL CAMINO REAL
Mailing City,State,Zip:		BURLINGAME, CA 94010
Owner Name:		MILLS-PENINSULA HEALTH SERVICES
Owner Type:		Private
Operator Name:		MILLS-PENINSULA HEALTH SERVICES
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline

MILLS HEALTH CENTER (Continued) **1000291979**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2007-03-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

MILLS HEALTH CENTER (Continued) **1000291979**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MILLS-PENINSULA HEALTH SERVICES
Legal Status: Private
Date Became Current: 1985-02-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MILLS-PENINSULA HEALTH SERVICES
Legal Status: Private
Date Became Current: 1985-02-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1783 EL CAMINO REAL
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MILLS-PENINSULA HEALTH SERVICES
Legal Status: Private
Date Became Current: 1985-02-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1783 EL CAMINO REAL
Owner/Operator City,State,Zip: BURLINGAME, CA 94010
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MILLS-PENINSULA HEALTH SERVICES
Legal Status: Private
Date Became Current: 1985-02-01 00:00:00.

MILLS HEALTH CENTER (Continued) **1000291979**

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILLS-PENINSULA HOSPITALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-02-24 00:00:00.0
Handler Name: MILLS HEALTH CENTER	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1986-02-27 00:00:00.0
Handler Name: MILLS MEMORIAL HOSPITAL	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-24 00:00:00.0
Handler Name: MILLS HEALTH CENTER	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

MILLS HEALTH CENTER (Continued) **1000291979**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 62211
NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

NAICS Code: 62221
NAICS Description: PSYCHIATRIC AND SUBSTANCE ABUSE HOSPITALS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SAN MATEO CO. LUST:
Name: MILLS HOSPITAL
Address: 100 S SAN MATEO DR
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110096
Facility Status: 9- Case Closed
Global ID: T0608100840
APN Number: 032313070
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110096
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: MILLS MEMORIAL HOSPITAL
Address: 100 S SAN MATEO DR
City: SAN MATEO
Status: Not reported
Comp Number: 110017
Number: Not reported
Board Of Equalization: Not reported

MILLS HEALTH CENTER (Continued) **1000291979**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110017-000002
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

Name: MILLS MEMORIAL HOSPITAL
Address: 100 S SAN MATEO DR
City: SAN MATEO
Status: Active
Comp Number: 110017
Number: 9
Board Of Equalization: Not reported
Referral Date: 04-20-94
Action Date: 04-20-94
Created Date: 10-13-88
Owner Tank Id: G502435
SWRCB Tank Id: 41-000-110017-000001
Tank Status: A
Capacity: 10000
Active Date: 04-20-94
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: MILLS MEMORIAL HOSPITAL
Address: 100 S SAN MATEO DRIVE
City,State,Zip: SAN MATEO, CA 94401
File Number: 0002C065
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002C065.pdf
Region: STATE
Facility ID: 00000008728
Facility Type: Other
Other Type: HOSPITAL
Contact Name: GEORGE SCHOENBACHLER
Telephone: 4155792000
Owner Name: MILLS MEMORIAL HOSPITAL
Owner Address: 100 S. SAN MATEO DRIVE
Owner City,St,Zip: SAN MATEO, CA 94401
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported

MILLS HEALTH CENTER (Continued) **1000291979**

Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 41002599
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155792000
Mail To: Not reported
Mailing Address: 100 S SAN MATEO DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN MATEO 94401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

San Mateo Co. BI:
Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022099
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: LARGE QTY GEN >200 LB/MO OFFSITE TREATMENT
Record Id: PR0010534
Description: LQG OFF-SITE TREATMENT >200 LB/MO
Facility Status: Active, billable
Program Category: MEDICAL WASTE

Name: MILLS HEALTH CENTER

MILLS HEALTH CENTER (Continued) **1000291979**

Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: COND EXEMPT - SPECIAL WASTES
Record Id: PR0030387
Description: COND EXEMPT - SPECIAL WASTES
Facility Status: Inactive, non-billable
Program Category: CONDITIONALLY EXEMPT (CE)

Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: COND EXEMPT - SPECIAL WASTES
Record Id: PR0030388
Description: COND EXEMPT - SPECIAL WASTES
Facility Status: Inactive, non-billable
Program Category: CONDITIONALLY EXEMPT (CE)

Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0003301
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068731
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016893
Prog Element Code: COMMON STORAGE (200 LBS/MO. OR MORE)
Record Id: PR0084064
Description: LQG COMMON STORAGE AREA FAC (>200 LB/MO)
Facility Status: Active, billable
Program Category: MEDICAL WASTE

Name: MILLS HEALTH CENTER
Address: 100 SAN MATEO
City,State,Zip: SAN MATEO, CA 94401

MILLS HEALTH CENTER (Continued) **1000291979**

Region:	SAN MATEO
Facility ID:	FA0016893
Prog Element Code:	2232
Record Id:	PR0023344
Description:	GEN 1-5 TONS HAZ WASTE/YR - RCRA
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE GENERATOR (RCRA-LQG)

EMI:

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	3
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	3
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA

MILLS HEALTH CENTER (Continued) **1000291979**

SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	6324
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2000
County Code:	41

MILLS HEALTH CENTER (Continued) **1000291979**

Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HOSPITAL
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR

MILLS HEALTH CENTER (Continued) **1000291979**

City,State,Zip:	SAN MATEO, CA 94401
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	1
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.122
Reactive Organic Gases Tons/Yr:	0.0531664
Carbon Monoxide Emissions Tons/Yr:	0.707
NOX - Oxides of Nitrogen Tons/Yr:	2.831
SOX - Oxides of Sulphur Tons/Yr:	0.824
Particulate Matter Tons/Yr:	0.061
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.061

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.018
Reactive Organic Gases Tons/Yr:	.0138171
Carbon Monoxide Emissions Tons/Yr:	.065
NOX - Oxides of Nitrogen Tons/Yr:	.281
SOX - Oxides of Sulphur Tons/Yr:	.003
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.01664

MILLS HEALTH CENTER (Continued) **1000291979**

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.03
Reactive Organic Gases Tons/Yr:	.019298
Carbon Monoxide Emissions Tons/Yr:	.122
NOX - Oxides of Nitrogen Tons/Yr:	.508
SOX - Oxides of Sulphur Tons/Yr:	.2
Particulate Matter Tons/Yr:	.019
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.018712

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.038
Reactive Organic Gases Tons/Yr:	.0247481
Carbon Monoxide Emissions Tons/Yr:	.162
NOX - Oxides of Nitrogen Tons/Yr:	.684
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.028
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.027544

Name:	MILLS HEALTH CENTER
Address:	100 SO SAN MATEO DR
City,State,Zip:	SAN MATEO, CA 94401
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	10327
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.043
Reactive Organic Gases Tons/Yr:	.0281026
Carbon Monoxide Emissions Tons/Yr:	.146
NOX - Oxides of Nitrogen Tons/Yr:	.623
SOX - Oxides of Sulphur Tons/Yr:	.001

MILLS HEALTH CENTER (Continued) **1000291979**

Particulate Matter Tons/Yr: .027
Part. Matter 10 Micrometers and Smllr Tons/Yr: .026544

Name: MILLS HEALTH CENTER
Address: 100 SO SAN MATEO DR
City,State,Zip: SAN MATEO, CA 94401
Year: 2009
County Code: 41
Air Basin: SF
Facility ID: 10327
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4.0000000000000001E-2
Reactive Organic Gases Tons/Yr: 2.5592500000000001E-2
Carbon Monoxide Emissions Tons/Yr: 0.14599999999999999
NOX - Oxides of Nitrogen Tons/Yr: 0.62
SOX - Oxides of Sulphur Tons/Yr: 0.001
Particulate Matter Tons/Yr: 2.6442622950819599E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 2.5975999999999999E-2

Name: SUTTER BAY HOSPITALS DBA MILLS-PENINSULA HEALTH
Address: 100 SO SAN MATEO DR
City,State,Zip: SAN MATEO, CA 94401
Year: 2016
County Code: 41
Air Basin: SF
Facility ID: 10327
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.115362268
Reactive Organic Gases Tons/Yr: 0.052383605867
Carbon Monoxide Emissions Tons/Yr: 0.496514177
NOX - Oxides of Nitrogen Tons/Yr: 2.050024911
SOX - Oxides of Sulphur Tons/Yr: 0.00815639
Particulate Matter Tons/Yr: 0.052348679
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.052341145

Name: SUTTER BAY HOSPITALS DBA MILLS-PENINSULA HEALTH
Address: 100 SO SAN MATEO DR
City,State,Zip: SAN MATEO, CA 94401
Year: 2018
County Code: 41
Air Basin: SF
Facility ID: 10327
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.111430025
Reactive Organic Gases Tons/Yr: 0.050179404393

MILLS HEALTH CENTER (Continued) **1000291979**

Carbon Monoxide Emissions Tons/Yr: 0.498846755
NOX - Oxides of Nitrogen Tons/Yr: 2.056068902
SOX - Oxides of Sulphur Tons/Yr: 0.008097686
Particulate Matter Tons/Yr: 0.043834982
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.043829646

AI381 **MILLS HOSPITAL** **LUST** **S102424672**
West **100 SAN MATEO** **Cortese** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **HIST CORTESE**
0.339 mi. **CERS**
1791 ft. **Site 3 of 3 in cluster AI**

Relative: **Higher**
Actual: **30 ft.**

LUST:
Name: MILLS HOSPITAL
Address: 100 SOUTH SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100840
Global Id: T0608100840
Latitude: 37.566307
Longitude: -122.326227
Status: Completed - Case Closed
Status Date: 01/28/1998
Case Worker: Not reported
RB Case Number: 41-0911
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110096
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100840
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100840
Action Type: ENFORCEMENT
Date: 09/07/1994
Action: Notice of Responsibility - #1

Global Id: T0608100840
Action Type: Other
Date: 08/15/1994
Action: Leak Reported

Global Id: T0608100840
Action Type: RESPONSE
Date: 10/24/2000
Action: Other Report / Document

MILLS HOSPITAL (Continued) **S102424672**

LUST:

Global Id:	T0608100840
Status:	Open - Case Begin Date
Status Date:	08/15/1994
Global Id:	T0608100840
Status:	Completed - Case Closed
Status Date:	01/28/1998

CORTESE:

Name:	MILLS HOSPITAL
Address:	100 SOUTH SAN MATEO
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100840
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	MILLS HOSPITAL
edr_fadd1:	100 SAN MATEO
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0911

CERS:

Name:	MILLS HOSPITAL
Address:	100 SOUTH SAN MATEO
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	208972
CERS ID:	T0608100840
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

MILLS HOSPITAL (Continued) **S102424672**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AJ382 **RIVENDELL III, LTD** **LUST** **S103894062**
SE **980 CLAREMONT** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MATEO, CA 94403** **CERS**
0.351 mi.
1851 ft. **Site 2 of 3 in cluster AJ**

Relative:
Lower

Actual:
17 ft.

SAN MATEO CO. LUST:

Name:	RIVENDELL III, LTD
Address:	980 CLAREMONT ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110047
Facility Status:	9- Case Closed
Global ID:	T0608100612
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110047
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST CORTESE:

edr_fname:	RIVENDALL III LTD
edr_fadd1:	980 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0756

edr_fname:	WALL STREET PROPERTIES II
edr_fadd1:	980 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94402
Region:	CORTESE

RIVENDELL III, LTD (Continued) **S103894062**

Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0641

CERS:
Name: RIVENDELL III, LTD
Address: 980 CLAREMONT
City,State,Zip: SAN MATEO, CA 94403
Site ID: 223982
CERS ID: T0608100612
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AJ383 **RIVENDELL III, LTD** **LUST** **S125952809**
SE **980 S. CLAREMONT STREET** **Cortese** **N/A**
1/4-1/2 **SAN MATEO, CA 94403**
0.351 mi.
1851 ft. **Site 3 of 3 in cluster AJ**

Relative:
Lower

Actual:
17 ft.

LUST:
Name: RIVENDELL III, LTD
Address: 980 S. CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94403
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100612
Global Id: T0608100612
Latitude: 37.5615097571131
Longitude: -122.315646166934
Status: Completed - Case Closed
Status Date: 03/16/2001
Case Worker: Not reported
RB Case Number: 41-0641
Local Agency: Not reported
File Location: Local Agency Warehouse
Local Case Number: 110047
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100612
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND

RIVENDELL III, LTD (Continued) **S125952809**

Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100612
Action Type: Other
Date: 11/14/1989
Action: Leak Discovery

Global Id: T0608100612
Action Type: Other
Date: 10/19/1989
Action: Leak Reported

Global Id: T0608100612
Action Type: ENFORCEMENT
Date: 05/20/1991
Action: Notice of Responsibility - #1

LUST:
Global Id: T0608100612
Status: Open - Case Begin Date
Status Date: 10/19/1989

Global Id: T0608100612
Status: Completed - Case Closed
Status Date: 03/16/2001

CORTESE:
Name: RIVENDELL III, LTD
Address: 980 S. CLAREMONT STREET
City,State,Zip: SAN MATEO, CA 94403
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100612
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

AK384 **SUNRISE CLEANERS** **RCRA-SQG** **1000362763**
West **235 BALDWIN AVENUE** **CPS-SLIC** **CAD981632946**
1/4-1/2 **SAN MATEO, CA 94401** **FINDS**
0.353 mi. **ECHO**
1865 ft. **Site 1 of 4 in cluster AK** **San Mateo Co. BI**
DRYCLEANERS
Relative: **EMI**
Higher **CERS**

Actual:
27 ft.

RCRA-SQG:

Date Form Received by Agency:		1996-09-01 00:00:00.0
Handler Name:	SUNRISE CLEANERS	
Handler Address:		235 BALDWIN AVE
Handler City,State,Zip:		SAN MATEO, CA 94403
EPA ID:		CAD981632946
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		235 BALDWIN AVE
Mailing City,State,Zip:		SAN MATEO, CA 94403
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

SUNRISE CLEANERS (Continued) **1000362763**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:27:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRIS CHANG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

SUNRISE CLEANERS (Continued) **1000362763**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: SUNRISE CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-12-09 00:00:00.0
Handler Name: SUNRISE CLEANERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 07/11/2016
Global Id: T10000002679
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.5670213
Longitude: -122.3257821
Case Type: Cleanup Program Site
Case Worker: KAW

SUNRISE CLEANERS (Continued) **1000362763**

Local Agency:	Not reported
RB Case Number:	41S0188
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Indoor Air, Soil, Soil Vapor, Under Investigation
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Stoddard solvent / Mineral Spriits / Distillates
Site History:	This site has contamination from a former dry cleaning operation. Soil and groundwater investigations have determined that soil, soil gas and groundwater have been affected. A feasibility study was conducted on the efficacy of the soil vapor extraction and groundwater extraction wells installed in December of 2013. Further investigations and remedial work plans are pending. .

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110001156533

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000362763
Registry ID:	110001156533
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001156533
Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 94401

San Mateo Co. BI:

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0017011
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003364
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO

SUNRISE CLEANERS (Continued) **1000362763**

Facility ID: FA0017011
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0010650
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: SUNRISE CLEANERS
Address: 235 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0017011
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068755
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

DRYCLEANERS:
Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVE
City,State,Zip: SAN MATEO, CA 944010000
EPA Id: CAL000157828
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 08/26/1996
Facility Active: No
Inactive Date: 06/30/2000
Facility Addr2: Not reported
Owner Name: YOUNG LEE
Owner Address: 235 BALDWIN AVE
Owner Address 2: Not reported
Owner Telephone: 6503438793
Contact Name: STEVE LEE/MANAGER
Contact Address: INACTIVE PER VQ01 - BMI
Contact Address 2: Not reported
Contact Telephone: 6503438793
Contact Fax: Not reported
Mailing Name: Not reported
Mailing Address 1: 235 BALDWIN AVE
Mailing Address 2: Not reported
Mailing City: SAN MATEO
Mailing State: CA
Mailing Zip: 944010000
Owner Fax: Not reported
Region Code: 2
Latitude: 37.566839
Longitude: -122.325866

Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVE
City,State,Zip: SAN MATEO, CA 944030000
EPA Id: CAD981632946
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SUNRISE CLEANERS (Continued) **1000362763**

SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/10/1987
Facility Active:	No
Inactive Date:	06/30/2001
Facility Addr2:	Not reported
Owner Name:	YOUNG Y LEE & JOHN K LEE
Owner Address:	235 BALDWIN AVE
Owner Address 2:	Not reported
Owner Telephone:	0
Contact Name:	JOHN K LEE
Contact Address:	235 BALDWIN AVE
Contact Address 2:	Not reported
Contact Telephone:	6503438793
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	235 BALDWIN AVE
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944010000
Owner Fax:	Not reported
Region Code:	2
Latitude:	37.566468
Longitude:	-122.326451

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVE
City,State,Zip:	SAN MATEO, CA 94401
EPA Id:	CAL000289099
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	12/15/2004
Facility Active:	No
Inactive Date:	06/30/2013
Facility Addr2:	Not reported
Owner Name:	HEA JA YANG
Owner Address:	235 BALDWIN AVE
Owner Address 2:	Not reported
Owner Telephone:	6503438793
Contact Name:	HEA JA YANG
Contact Address:	235 BALDWIN AVE
Contact Address 2:	Not reported
Contact Telephone:	6503438793
Contact Fax:	0
Mailing Name:	Not reported
Mailing Address 1:	235 BALDWIN AVE
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944010000
Owner Fax:	0
Region Code:	2
Latitude:	37.56682
Longitude:	-122.32589

SUNRISE CLEANERS (Continued) **1000362763**

EMI:

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

SUNRISE CLEANERS (Continued) **1000362763**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVENUE
City,State,Zip: SAN MATEO, CA 944010000
Year: 1997
County Code: 41
Air Basin: SF
Facility ID: 5293
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVENUE
City,State,Zip: SAN MATEO, CA 944010000
Year: 1998
County Code: 41
Air Basin: SF
Facility ID: 5293
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVENUE
City,State,Zip: SAN MATEO, CA 944010000
Year: 1999
County Code: 41
Air Basin: SF
Facility ID: 5293
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

SUNRISE CLEANERS (Continued) **1000362763**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD

SUNRISE CLEANERS (Continued) **1000362763**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.135
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	5293

SUNRISE CLEANERS (Continued) **1000362763**

Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 944010000
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.135
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 91740
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.135
Reactive Organic Gases Tons/Yr:	.094311
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2008

SUNRISE CLEANERS (Continued) **1000362763**

County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.135
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	5293
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6.7000000000000004E-2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	SUNRISE CLEANERS
Address:	235 BALDWIN AVENUE
City,State,Zip:	SAN MATEO, CA 94401-3914
Site ID:	496980
CERS ID:	110001156533
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	MATT KAEMPF
Entity Title:	PROJ MGR
Affiliation Address:	2560 SOQUEL AVESTE 202
Affiliation City:	SANTACRUZ
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MARK JOHNSON SAN FRANCISCO BAY RWQCB REGN 2ND

SUNRISE CLEANERS (Continued) **1000362763**

Entity Title: Not reported
Affiliation Address: 1515 CLAY STREETNA SUITE 1400
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: SUNRISE CLEANERS
Address: 235 BALDWIN AVENUE
City,State,Zip: SAN MATEO, CA 94401
Site ID: 248710
CERS ID: T10000002679
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: KIMBERLEE WEST - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 Clay Street
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222432

AK385 **BELLA MANGIETA** **ENVIROSTOR** **S108418328**
WNW **233 BALDWIN** **LUST** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **San Mateo Co. BI**
0.356 mi. **Cortese**
1880 ft. **Site 2 of 4 in cluster AK** **CERS**

Relative:
Higher

Actual:
27 ft.

ENVIROSTOR:
Name: SUNRISE CLEANERS
Address: 233 BALDWIN AVE
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 41720090
Status: Refer: Other Agency
Status Date: 07/29/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.04
NPL: NO
Regulatory Agencies: SAN MATEO COUNTY
Lead Agency: SAN MATEO COUNTY
Program Manager: Not reported
Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.56707

BELLA MANGIETA (Continued) **S108418328**

Longitude: -122.3259
APN: 032321200
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 032321200
Alias Type: APN
Alias Name: 41720090
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/15/1980
Comments: FACILITY IDENTIFIED ACTIVE SITE ID'D BY DRIVE BY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/18/2003
Comments: Site screening completed.Site is under the oversight of the local agency.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Name: BELLA MANGIATA RESTAURANT
Address: 233 BALDWIN
City,State,Zip: SAN MATEO, CA 944013914
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608125386
Global Id: T0608125386
Latitude: 37.567064
Longitude: -122.326029
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/14/2017
Case Worker: KAW
RB Case Number: 41-1310
Local Agency: SAN MATEO COUNTY LOP
File Location: Local Agency
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Stoddard solvent / Mineral Spriits / Distillates
Site History: Extracted from RRM's February 28, 2008 Underground Storage Tank Removal and Over-Excavation Report, San Mateo County does not take responsibility for the accuracy of the statements made or any

BELLA MANGIETA (Continued) **S108418328**

professional interpretations made in the referenced report. The site is a 30-foot wide by 130-foot long parcel of land fronting the north side of Baldwin Avenue in downtown San Mateo between North San Mateo Drive and North Ellsworth Avenue. The parcel immediately behind the site to the south at 22 N. San Mateo Drive is occupied by Mateo Garden Apartments, a group of two-story apartment buildings. The parcel to the east at 235 Baldwin is a dry cleaner. The parcel to the west at 210 Baldwin is a two-story office building. Existing site improvements include two structures that date back to the 1930s, including a main building fronting Baldwin Avenue and a separate 12-foot wide by 30-foot long building at the rear of the property. In the early 1990's, a 25-foot wide by 36-foot long building and wooden deck patio addition covering most of the remaining property was constructed at the rear of the parcel; the addition has served as the banquet hall for the Bella Mangiata Restaurant, the current tenant and leaseholder since the early 1990's. Mr. Michael Chang owns both the site and the adjacent property to the east at 235 Baldwin Avenue. Between the early 1930s to early 1980s, Sunrise Cleaners (the dry cleaner currently operating at 235 Baldwin Avenue) used the site for dry cleaning operations: the front building at the site was used as storefront. The rear building at the site was used for cleaning activities at least through the 1950's. Subsurface contamination was first documented in March 2006, following complaints of paint/solvent-like odors inside the banquet hall. A contractor was hired by the landlord to determine the cause of the odors. This led to the discovery of three vent lines and an abandoned steel UST (UST #1) positioned in a vertical configuration beneath the floor. The tank removal contractor estimated the capacity of the tank to be approximately 2,000-gallons. Upon its permitted removal during September 2006, the tank dimensions were reported to be approximately 5 feet wide by 8 feet long, or approximately 1,100 to 1,200 gallons. Use of the banquet hall was discontinued following tank removal activities. At the time of discovery, the tank was reportedly filled with a liquid that was later identified as water containing a low concentration of Stoddard solvent. Sludge at the bottom of the tank was also noted. The UST was apparently abandoned in the late 1950s or early 1960s when, according to industry reports, most dry cleaners switched from Stoddard solvent to perchloroethylene (PCE). In March 2006, under contract by the property owner, Express Plumbing of San Mateo, CA performed a video inspection of the vent lines at the rear building and also inspected beneath the banquet hall deck to locate possible USTs. A series of holes were cut into the deck to enable visual and physical access to soil beneath the deck. Hand excavations were made at each location to inspect the shallow soil. One of the locations was dug to approximately 5 feet below ground surface (bgs) exposing the top of a vertically positioned steel UST. In the process of exposing the USTs Express Plumbing created a pit that was approximately 8 feet wide, 9.5 feet long and 5 feet deep. Approximately 13 bank cubic yards (bcy) of soil spoils were off-hauled and disposed off at a landfill. Five steel pipes were encountered in the tank pit and partially cut and removed. Three other pipes and several concrete slabs were partially exposed in other locations. In April and May 2006, Clearwater Environmental Mgmt Inc. of Union City, CA, (Clearwater) sampled the contents of the UST and also the soil alongside the UST. The samples were analyzed for volatile organic compounds (VOCs) semi-VOCs (SVOCs), CAM 17 metals, and Total Recoverable Petroleum Hydrocarbons (TRPH) by a CA state

BELLA MANGIETA (Continued) **S108418328**

certified analytical laboratory. The liquid sample contained 6.4 milligrams per liter (mg/l) TRPH, and several VOCs representative of Stoddard solvent compounds including 940 micrograms per liter (ug/l) 1,2,4-trimethylbenzene, 240 ugll 1,3,5-trimethylbenzene, and trace levels of toluene and xylenes. The soil sample contained 36 milligrams per kilogram (mg/kg) TRPH and some of the same VOCs found in the liquid sample. On August 11, 2006, Geomatrix of Mountlake Terrace, Washington (contracted by the tenant) sampled the contents of the UST from the liquid surface (TANK-W1-081106). The same day, Clearwater used a vacuum tank truck to remove the liquid from the UST. Contents were hauled and disposed of at a licensed recycler under manifest. Geomatrix then collected a sample of the sludge remaining at the bottom of the tank (TANK-S-081106). Samples were analyzed for a wide range of constituents including VOCs, SVOCs, and total petroleum hydrocarbons as gasoline. Stoddard solvent, diesel, and motor oil (TPHg, TPHss, TPHd, and TPHmo, respectively) by a CA state certified analytical laboratory. Most notably, the liquid sample contained 12,000 ug/l TPHg and the sludge sample contained 20,000 mg/kg TPHg. However, the laboratory noted that the chromatographic pattern for the gasoline range organics resembled Stoddard solvent rather than gasoline. On August 31, 2006, Cruz Brothers was contracted by Clearwater to perform an underground utility survey to further locate the three suspected vent pipes. One of the pipes extended toward the adjacent property to the southwest, and the remaining two ran beneath the banquet hall addition toward the UST. A metal detector was also used to locate other possible abandoned USTs but none were found. On September 12 through 14, 2006, Clearwater transferred the sludge from the UST into a 55-gallon drum, cleaned the interior of the tank, cut the tank into pieces, and then removed it. All sludge, liquid wastes and tank debris were off-hauled and disposed of at a licensed recycling facility under manifest. According to Geomatrix, there were no holes, cracks, or obvious signs of leakage in the shell of the tank. There was; however, a strong solvent odor present in the open pit following tank removal. Geomatrix collected a bottom soil sample from beneath the tank (TANK-S-03) and one from the north sidewall (TANK-S-04) of the tank pit. The bottom sample contained 17 mg/kg TPHg and 10 mg/kg TPHss: the north sidewall sample contained 4,400 mg/kg TPHg and 2,500 mg/kg TPHss. Again, the laboratory noted that the chromatographic pattern for the gasoline range organics resembled Stoddard solvent rather than gasoline. In October 2006, Geomatrix conducted a review of historic site documents including Sanborn Maps and City of San Mateo Building Department records. The review revealed that the original dry cleaning buildings were constructed in the 1930s, but no records for USTs were found. A preliminary risk assessment that included an evaluation of acute and chronic effects of worker exposure to Stoddard solvent vapors was also conducted. Based on 4,400 mglkg TPHg and 2,500 mg/kg TPHss in the soil sample collected adjacent to the tank and using conventional transport modeling with conservative default assumptions for soil porosity and attenuation, an indoor air concentration of 10,500 micrograms per cubic meter (ugIm3) was predicted. This concentration is well above the odor threshold for TPHg vapor, which is considered similar to TPHss vapor with respect to the odor emissions. However, this concentration is well below all Occupational Safety and Health Administration (OSHA) and National Institute for Occupational Safety and Health (NIOSH) ceiling levels for worker exposure to TPHss vapor, assuming 8-hour or 10-hour

BELLA MANGIETA (Continued) **S108418328**

workdays. With respect to concerns associated with long-term exposure to low levels of Stoddard solvent vapors, Geomatrix predicted that the indoor air concentration was well above the San Francisco Regional Water Quality Control Board (RWQCB) commercial environmental screening level (ESL) for TPHg vapors which could be compared to Stoddard solvent vapors based on similar common carbon range compounds (C6 to C12). In January 2007, Advanced Geological Science, Inc. (AGS) performed a geophysical survey at the site to locate other possible USTs. They surveyed the entire banquet room area using a magnetometer and ground penetrating radar (GPR). Test results were negative. Similar to Cruz Brothers previous work, AGS applied an electrical current to the suspected vent pipes. Results differed from those of Cruz Brothers in that some of the piping routes did not match. In February 2007, ACC Environmental Consultants (ACC) of Oakland, California advanced ten soil borings (B1 through B10) to depths ranging from 8 feet to 25 feet bgs to delineate the extent of soil and groundwater contamination. Refusal at less than 2 feet bgs was met at two of the borings (B2 and B7) due to concrete slabs. Soil borings were sampled and logged at 5-foot intervals. Three grab groundwater samples and 20 soil samples were submitted for laboratory analysis. Groundwater was encountered at 25 feet bgs within more permeable sand strata that was first occurred at approximately 18 feet bgs. Groundwater samples contained 210 ug/l, 1,600 ug/1, and 130,000 ug/l TPHg with the highest concentration at Boring B4, located near the former UST. Only two of the twenty soil samples contained detectable TPHg concentrations. Concentrations were 2,100 mg/kg in Boring 84 at 18 feet and 23 mg/kg in Boring B-9 at 24 feet, both located in the capillary fringe. During the week of June 25, 2007, RRM subcontractors removed the majority of the wood deck flooring located in the banquet hall and covered patio area and the concrete floor in the former dry cleaning process room. Additionally, the wood fence at rear of the property was removed and replaced with temporary chain link fence panels to secure the sire. The section of deck covering the tank pit from UST #I was left in-place. RRM's Work Plan for Removal Actions, Interim Remedial Measures, Subsurface Investigations, and Pilot Testing was prepared in response to directives set forth in County correspondence dated May 31, 2007. The work plan presented a site conceptual transport and exposure model for a restaurant banquet room with a wood-deck floor overlying the backyard of an abandoned 1930-60s era dry cleaning facility that used Stoddard solvent. The conceptual model identified potential primary and secondary source areas and gaps in existing site data. The work plan proposed the following tasks: (1) removal of remaining wood deck flooring, rear wall of the banquet room, concrete floor of the former dry cleaning process room, and all concrete surfaces in the back yard area: (2) remove all abandoned USTs and UST piping and other inactive former dry cleaning operation piping and sample and analyze any suspect material under direction of County inspectors; (3) remove up to 500 bcy of contaminated soil, if encountered, under direction of County inspectors; (4) conduct exploratory excavations to 5 feet bgs to investigate areas of concern and collect and sample and analyze any suspect material under direction of County inspectors; (5) advance up to twelve direct-push borings to collect and analyze soil. groundwater, and vapor samples: (6) collect and analyze three sub-slab soil vapor samples; (7) install, develop, and sample three groundwater monitoring wells, one air-sparge well, and one soil vapor extraction (SVE) well and (8) perform air-sparge and SVE feasibility

BELLA MANGIETA (Continued) **S108418328**

testing. In the County correspondence dated August 6, 2007. Tasks 1, 2, 5, 6, and 7 were approved. Task 8 was denied, and additional explanation was requested for Tasks 3 and 4. In a letter dated August 20, 2007, RRM responded to questions and comments presented by the County in connection with Tasks 3 and 4 and strongly recommended that the County approve Task 8 in the interest of mitigating nuisance odors to allow the banquet hall to reopen. In their response dated August 6, 2007, the County approved Tasks 3 and 4, but again declined Task 8 on the basis that they would not approve pilot testing for interim remedial measures (IRMs) until site characterization work was complete and a feasibility study work plan was prepared and submitted. In September 2007, RRM subcontractors removed the remaining wood deck flooring and the lower half of the rear wall of the banquet hall. A mini-excavator was used to remove the concrete walkways and footings and to conduct exploratory trenching to locate and uncover other possible USTs and piping. The exploratory trenching followed the four vent lines from the southwest corner of the former dry cleaning process room and extended to depths of approximately 2 feet to 6 feet bgs. Three additional single-wall steel USTs (USTs #2 through #4) were discovered beneath the former wood deck (Figure 2). The piping connected to the USTs was exposed using the mini-excavator. Most of the piping led to the former dry cleaning process room. A 2-inch water line and an electrical conduit were identified in the area between the storage room and the main restaurant building where a previous utility survey identified a possible vent line. The approximate locations of the USTs and piping are shown on Figure 2. Also in September 2007, RRM conducted additional on-site investigation work. Seven direct-push exploratory borings were advanced up to 25 feet bgs using a limited access direct-push drill rig. A total of 16 soil samples, 5 grab-groundwater samples, and 6 soil vapor samples were collected and submitted for laboratory analysis. Analytical data is summarized in Tables 1 through 4. Sample analytical data show the presence of significant Stoddard solvent contamination in soil and groundwater including possible separate phase under the former banquet room floor. In an effort to complete the site investigation phase to the extent needed for the County to approve the pilot testing and implementation of the lRMs proposed in the July 2007 work plan, RRM prepared the Preliminary Subsurface Investigation Findings and Work Plan for Additional Subsurface Investigation, Well Installation, and Interim Remediation Pilot Testing, dated October 19, 2007. The work plan proposed additional on-site and off-site investigation work and feasibility testing for proposed IRMs. The lRMs were proposed to restore the use of the banquet hall by mitigating the vapor intrusion problems created from the former USTs and associated soil and groundwater contamination.

LUST:

Global Id:	T0608125386
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292
Global Id:	T0608125386
Contact Type:	Regional Board Caseworker

BELLA MANGIETA (Continued) **S108418328**

Contact Name: KIMBERLEE WEST
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street
City: OAKLAND
Email: kimberlee.west@waterboards.ca.gov
Phone Number: 5106222432

LUST:

Global Id: T0608125386
Action Type: RESPONSE
Date: 08/03/2018
Action: Request for Closure

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 05/04/2010
Action: Notice of Violation - #20100504

Global Id: T0608125386
Action Type: RESPONSE
Date: 08/11/2012
Action: Remedial Progress Report

Global Id: T0608125386
Action Type: RESPONSE
Date: 08/11/2012
Action: Remedial Progress Report

Global Id: T0608125386
Action Type: RESPONSE
Date: 01/15/2007
Action: Preliminary Site Assessment Workplan

Global Id: T0608125386
Action Type: RESPONSE
Date: 06/04/2007
Action: Preliminary Site Assessment Report

Global Id: T0608125386
Action Type: RESPONSE
Date: 07/30/2007
Action: Preliminary Site Assessment Workplan

Global Id: T0608125386
Action Type: RESPONSE
Date: 12/04/2007
Action: Preliminary Site Assessment Report

Global Id: T0608125386
Action Type: RESPONSE
Date: 03/31/2009
Action: Preliminary Site Assessment Report

Global Id: T0608125386
Action Type: RESPONSE
Date: 09/03/2014
Action: Interim Remedial Action Plan - Regulator Responded

BELLA MANGIETA (Continued) **S108418328**

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 11/07/2007
Action: Staff Letter - #20071107

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 08/06/2007
Action: Staff Letter - #20070806

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 11/15/2006
Action: Staff Letter - #20061115

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 05/31/2007
Action: Staff Letter - #20070531

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 12/10/2010
Action: 13267 Requirement

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 01/13/2011
Action: Staff Letter

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 09/23/2016
Action: Staff Letter

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 08/03/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 07/25/2013
Action: Staff Letter

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 12/10/2010
Action: Staff Letter

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 12/10/2010
Action: 13267 Requirement

Global Id: T0608125386
Action Type: Other

BELLA MANGIETA (Continued) **S108418328**

Date: 04/27/2006
Action: Leak Discovery

Global Id: T0608125386
Action Type: Other
Date: 08/11/2006
Action: Leak Stopped

Global Id: T0608125386
Action Type: Other
Date: 10/24/2006
Action: Leak Reported

Global Id: T0608125386
Action Type: RESPONSE
Date: 08/23/2013
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0608125386
Action Type: RESPONSE
Date: 11/19/2013
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0608125386
Action Type: RESPONSE
Date: 09/03/2014
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 11/15/2006
Action: Notice of Responsibility - #20061115

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 01/30/2007
Action: Staff Letter - #20070130

Global Id: T0608125386
Action Type: RESPONSE
Date: 01/02/2009
Action: Electronic Reporting Submittal Due

Global Id: T0608125386
Action Type: RESPONSE
Date: 03/31/2009
Action: Soil and Water Investigation Report

Global Id: T0608125386
Action Type: REMEDIATION
Date: 11/05/2007
Action: Excavation

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 12/10/2008
Action: Staff Letter - #20081210

BELLA MANGIETA (Continued) **S108418328**

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 12/02/2008
Action: Staff Letter - #20081202

Global Id: T0608125386
Action Type: RESPONSE
Date: 12/31/2010
Action: Unknown

Global Id: T0608125386
Action Type: RESPONSE
Date: 08/11/2012
Action: Interim Remedial Action Report

Global Id: T0608125386
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter - #20090709

LUST:
Global Id: T0608125386
Status: Open - Case Begin Date
Status Date: 04/27/2006

Global Id: T0608125386
Status: Open - Site Assessment
Status Date: 11/09/2006

Global Id: T0608125386
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/14/2017

San Mateo Co. BI:
Name: BELLA MANGIETA
Address: 233 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006534
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0069451
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: BELLA MANGIETA
Address: 233 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0029840
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0051337
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

BELLA MANGIETA (Continued) **S108418328**

CORTESE:

Name:	BELLA MANGIATA RESTAURANT
Address:	233 BALDWIN
City,State,Zip:	SAN MATEO, CA 944013914
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608125386
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	BELLA MANGIATA RESTAURANT
Address:	233 BALDWIN
City,State,Zip:	SAN MATEO, CA 944013914
Site ID:	240742
CERS ID:	T0608125386
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	KIMBERLEE WEST - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 Clay Street
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106222432

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292

AL386 **RETAIL BUILDINGS** **CPS-SLIC** **S109277242**
WSW **33-43 EAST 3RD AVENUE** **CERS** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.367 mi.
1938 ft. **Site 1 of 7 in cluster AL**

Relative:
Higher

Actual:
44 ft.

CPS-SLIC:

Name:	RETAIL BUILDINGS
Address:	33-43 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/18/2007
Global Id:	SL0608122639
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	119164
Latitude:	37.56356
Longitude:	-122.325188
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	RETAIL BUILDINGS
Address:	33-43 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	232442
CERS ID:	SL0608122639
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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387 **BLU-WHITE LAUNDRY** **CPS-SLIC** **1001610552**
WNW **80 NORTH B STREET** **CERS** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.370 mi.
1956 ft.

Relative:
Higher

Actual:
24 ft.

SLIC REG 2:

Region:	2
Facility ID:	41S0150
Facility Status:	Preliminary site assessment workplan submitted
Date Closed:	Not reported

BLU-WHITE LAUNDRY (Continued) **1001610552**

Local Case #: Not reported
How Discovered: DVA
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name:	BLU-WHITE LAUNDRY
Address:	80 NORTH B STREET
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	04/17/2017
Global Id:	SL1823H922
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.5688587324725
Longitude:	-122.325233370066
Case Type:	Cleanup Program Site
Case Worker:	KAW
Local Agency:	Not reported
RB Case Number:	41S0150
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil, Surface water
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
Site History:	The Site (a former dry cleaner) is located downtown San Mateo. The Site was used for laundry cleaning until the 1970's where it shifted into a dry cleaning operation. Since the mid 80's the Site has been vacant. There is a building on the Site which is currently not utilized. The latest groundwater/ soil information was collected in 1998 and 1999. The analysis focused on metals and VOCs in soils and VOCs in groundwater. Arsenic ESLs are exceeded in shallow soils with a commercial/industrial screening and groundwater used for drinking water purposes. PCE, TCE, cis-DCE, VC ESLs are exceeded with similar screening site use scenario. PCE concentrations are as high as 640 ppb in groundwater. Piezometers are installed at the Site. Their adequacy for sampling purposes is unknown. There are no permanent groundwater monitoring points. The highest VOCs detections are found near a sump and sanitary sewer areas. It is the consultant position that off site contamination may have contributed to the groundwater impacts as detected near the sanitary areas. In May 2000, Water Board staff approved a mitigation plan (which has not been implemented) consisting of excavating X cubic feet of soil to a depth of 30 feet bgs. A site management plan, an updated health and safety plan and schedule for off-site are missing from the record. Full groundwater delineation has not been completed. A risk assessment dated March 2000, estimated the total excess cancer risk to 3x10E-7 for off site residents and 6X10E-8 for off site workers. The Site is slatted for mixed use redevelopment to include condos above businesses and a 3 levels garage (including one level at -10 feet bgs grade). However,

BLU-WHITE LAUNDRY (Continued) **1001610552**

as of July 2008 it is unclear if the current building will be razed in the near future. It is against city policy to tear down a building and leave a vacant lot.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	BLU-WHITE LAUNDRY
Address:	80 NORTH B STREET
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	189687
CERS ID:	SL1823H922
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	KIMBERLEE WEST - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 Clay Street
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106222432

AK388 **MOBIL 99-MTE** **LUST S102433494**
West **5 SAN MATEO** **HIST CORTESE N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.370 mi.
1956 ft. **Site 3 of 4 in cluster AK**

Relative:
Higher

Actual:
28 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110065
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST CORTESE:

edr_fname:	MOBIL
edr_fadd1:	5 SAN MATEO
City,State,Zip:	SAN MATEO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0360

AL389 **CHEVRON 9-0312** **LUST** **S105030372**
WSW **2 3RD** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.390 mi.
2058 ft. **Site 2 of 7 in cluster AL**

Relative:
Higher

Actual:
44 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Post remedial action monitoring
Case Number:	110017
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	1/1/1965

AL390 **90312** **LUST** **U001595155**
WSW **2 E 3RD AVE** **HIST UST** **N/A**
1/4-1/2 **SAN MATEO, CA 94105**
0.390 mi.
2058 ft. **Site 3 of 7 in cluster AL**

Relative:
Higher

Actual:
44 ft.

SAN MATEO CO. LUST:

Name:	CHEVRON 9-0312
Address:	2 E 3RD AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110017
Facility Status:	9- Case Closed
Global ID:	T0608100123
APN Number:	034143010
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

HIST UST:

Name:	90312
Address:	2 E 3RD AVE
City,State,Zip:	SAN MATEO, CA 94105
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000061783
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	LENCK, LARS H
Telephone:	4153400329
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0005
Tank Num:	001

90312 (Continued) **U001595155**

Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor

AL391 **CENTRAL CHEVRON** **LUST** **S110060488**
WSW **2 3RD** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **Cortese**
0.390 mi. **HIST CORTESE**
2058 ft. **Site 4 of 7 in cluster AL** **CERS**

Relative:
Higher

Actual:
44 ft.

LUST:

Name:	CHEVRON 9-0312
Address:	2 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100123
Global Id:	T0608100123

CENTRAL CHEVRON (Continued) **S110060488**

Latitude:	37.5629579764341
Longitude:	-122.325532436371
Status:	Completed - Case Closed
Status Date:	01/24/2005
Case Worker:	Not reported
RB Case Number:	41-0130
Local Agency:	Not reported
File Location:	Local Agency Warehouse
Local Case Number:	110017
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100123
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100123
Action Type:	RESPONSE
Date:	11/15/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0608100123
Action Type:	RESPONSE
Date:	11/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100123
Action Type:	RESPONSE
Date:	11/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0608100123
Action Type:	RESPONSE
Date:	11/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608100123
Action Type:	RESPONSE
Date:	08/31/2004
Action:	Request for Closure
Global Id:	T0608100123
Action Type:	RESPONSE
Date:	05/15/2001
Action:	Monitoring Report - Quarterly
Global Id:	T0608100123
Action Type:	RESPONSE
Date:	05/15/2002

CENTRAL CHEVRON (Continued) **S110060488**

Action: Monitoring Report - Quarterly

Global Id: T0608100123
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100123
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100123
Action Type: ENFORCEMENT
Date: 02/27/1989
Action: Notice of Responsibility - #1

Global Id: T0608100123
Action Type: ENFORCEMENT
Date: 01/24/2005
Action: Closure/No Further Action Letter - #20050124

Global Id: T0608100123
Action Type: ENFORCEMENT
Date: 04/20/2004
Action: Staff Letter - #20040420

Global Id: T0608100123
Action Type: ENFORCEMENT
Date: 08/09/2000
Action: Staff Letter - #20000809

Global Id: T0608100123
Action Type: Other
Date: 05/13/1984
Action: Leak Discovery

Global Id: T0608100123
Action Type: Other
Date: 05/13/1984
Action: Leak Reported

Global Id: T0608100123
Action Type: REMEDIATION
Date: 03/01/1996
Action: Excavation

Global Id: T0608100123
Action Type: REMEDIATION
Date: 01/01/1990
Action: Free Product Removal

Global Id: T0608100123
Action Type: REMEDIATION
Date: 04/01/1992
Action: Soil Vapor Extraction (SVE)

CENTRAL CHEVRON (Continued) **S110060488**

LUST:
Global Id: T0608100123
Status: Open - Case Begin Date
Status Date: 05/13/1984

Global Id: T0608100123
Status: Open - Verification Monitoring
Status Date: 05/13/1984

Global Id: T0608100123
Status: Completed - Case Closed
Status Date: 01/24/2005

San Mateo Co. BI:
Name: CENTRAL CHEVRON
Address: 2 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016909
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003315
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: CENTRAL CHEVRON
Address: 2 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016909
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022111
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: CENTRAL CHEVRON
Address: 2 3RD
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016909
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024087
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: CHEVRON 9-0312
Address: 2 EAST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100123
Site/Facility Type: LUST CLEANUP SITE

CENTRAL CHEVRON (Continued) **S110060488**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CHEVRON
edr_fadd1:	2 3RD
City,State,Zip:	SAN MATEO, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0130

CERS:

Name:	CHEVRON 9-0312
Address:	2 EAST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	234100
CERS ID:	T0608100123
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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392 **K & B PRODUCTS INC** **ENVIROSTOR** **S109277233**
NW **20 RAILROAD** **CPS-SLIC** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **San Mateo Co. BI**
0.390 mi.
2060 ft.

Relative:
Higher

Actual:
24 ft.

ENVIROSTOR:

Name:	PURI PROPERTY
Address:	20 NORTH RAILROAD AVENUE
City,State,Zip:	SAN MATEO, CA 94401

K & B PRODUCTS INC (Continued) **S109277233**

Facility ID: 60001044
Status: Refer: 1248 Local Agency
Status Date: 06/04/2006
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 37.56961
Longitude: -122.3250
APN: 032331150
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 032331150
Alias Type: APN
Alias Name: SL0608137877
Alias Type: GeoTracker Global ID
Alias Name: 60001044
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/07/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/08/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

K & B PRODUCTS INC (Continued) **S109277233**

Name:	PURI PROPERTY
Address:	20 NORTH RAILROAD AVENUE
City,State,Zip:	SAN MATEO, CA 944013261
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	08/21/2007
Global Id:	SL0608137877
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.56940007505
Longitude:	-122.324920958336
Case Type:	Cleanup Program Site
Case Worker:	KAW
Local Agency:	Not reported
RB Case Number:	41S0210
File Location:	All Files are on GeoTracker or in the Local Agency Warehouse
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	K & B PRODUCTS INC
Address:	20 RAILROAD
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0010573
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0026153
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

AK393 **MOBIL 99-MTE** **LUST** **S109285706**
West **5 NORTH SAN MATEO** **Cortese** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **CERS**
0.397 mi.
2096 ft. **Site 4 of 4 in cluster AK**

Relative:
Higher

Actual:
27 ft.

SAN MATEO CO. LUST:

Name:	MOBIL 99-MTE
Address:	5 N SAN MATEO DR
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110065
Facility Status:	9- Case Closed
Global ID:	T0608100343
APN Number:	032312250
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	MOBIL 99-MTE

MOBIL 99-MTE (Continued) **S109285706**

Address: 5 NORTH SAN MATEO
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100343
Global Id: T0608100343
Latitude: 37.566646
Longitude: -122.326585
Status: Completed - Case Closed
Status Date: 07/02/1999
Case Worker: Not reported
RB Case Number: 41-0360
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110065
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100343
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100343
Action Type: ENFORCEMENT
Date: 04/03/1991
Action: Notice of Responsibility - #1

Global Id: T0608100343
Action Type: Other
Date: 07/17/1991
Action: Leak Discovery

Global Id: T0608100343
Action Type: Other
Date: 07/17/1991
Action: Leak Reported

LUST:
Global Id: T0608100343
Status: Open - Case Begin Date
Status Date: 04/03/1991

Global Id: T0608100343
Status: Completed - Case Closed
Status Date: 07/02/1999

CORTESE:

MOBIL 99-MTE (Continued) **S109285706**

Name:	MOBIL 99-MTE
Address:	5 NORTH SAN MATEO
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100343
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	MOBIL 99-MTE
Address:	5 NORTH SAN MATEO
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	204415
CERS ID:	T0608100343
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AL394 **A & A BEACON** **DEED** **S119002694**
WSW **221 SOUTH EL CAMINO REAL** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.398 mi.
2100 ft. **Site 5 of 7 in cluster AL**

Relative:
Higher

Actual:
44 ft.

DEED:

Name:	A & A BEACON
Address:	221 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Envirostor ID:	T0608100514
Area:	Not reported
Sub Area:	Not reported

A & A BEACON (Continued) **S119002694**

Site Type: LUFT
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 08/10/2016
File Name: Geotracker Land Use/Deed Restrictions

AL395 **FORMERLY A&A GAS** **LUST** **S101593653**
WSW **221 S EL CAMINO REAL** **SWEEPS UST** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **CA FID UST**
0.398 mi.
2100 ft. **Site 6 of 7 in cluster AL**

Relative:
Higher

Actual:
44 ft.

SAN MATEO CO. LUST:
Name: A & A BEACON
Address: 221 S EL CAMINO REAL
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110079
Facility Status: 9- Case Closed
Global ID: T0608100514
APN Number: 034142160
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

SWEEPS UST:
Name: FORMERLY A&A GAS
Address: 221 S EL CAMINO REAL
City: SAN MATEO
Status: Not reported
Comp Number: 110094
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110094-000001
Tank Status: Not reported
Capacity: 250
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 4

Name: FORMERLY A&A GAS
Address: 221 S EL CAMINO REAL
City: SAN MATEO
Status: Not reported
Comp Number: 110094
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

FORMERLY A&A GAS (Continued) **S101593653**

SWRCB Tank Id: 41-000-110094-000002
Tank Status: Not reported
Capacity: 7500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: FORMERLY A&A GAS
Address: 221 S EL CAMINO REAL
City: SAN MATEO
Status: Not reported
Comp Number: 110094
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110094-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: FORMERLY A&A GAS
Address: 221 S EL CAMINO REAL
City: SAN MATEO
Status: Not reported
Comp Number: 110094
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 41-000-110094-000004
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 41000042
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 3124443557
Mail To: Not reported

FORMERLY A&A GAS (Continued) **S101593653**

Mailing Address:	50 S CASALLE ST.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

AL396 **A & A BEACON** **LUST** **S101303231**
WSW **221 SOUTH EL CAMINO REAL** **San Mateo Co. Bl** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **Cortese**
0.398 mi. **HIST CORTESE**
2100 ft. **Site 7 of 7 in cluster AL** **CERS**

Relative:
Higher

Actual:
44 ft.

LUST:

Name:	A & A BEACON
Address:	221 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100514
Global Id:	T0608100514
Latitude:	37.5633406813728
Longitude:	-122.325918674469
Status:	Completed - Case Closed
Status Date:	02/04/2015
Case Worker:	Not reported
RB Case Number:	41-0538
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110079
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Extracted from Tetra Tech's December 8, 2006 REMEDIAL ACTION PLAN, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The Site is located on the northeast corner of the intersection of El Camino Real and East Third Avenue in San Mateo, California. It was reportedly operated as a gasoline station from 1920 until 1992. The Site has been unoccupied since 1992. The Site lies within a mixed commercial and residential part of San Mateo. It is 105 feet wide and 105 feet long and zoned for commercial use. The adjacent property to the northeast contains a bank and other commercial properties. The adjacent property to the northwest is occupied by a parking garage. An active Unocal (former BP) gasoline station is located directly across El Camino to the southwest. A vacant lot that was a former Chevron gas station is located directly across East Third Avenue to the southeast. The property is flat and lies at an elevation of about 43 feet above mean sea level (msl). It is located between the Santa Cruz Mountains to the southwest and San Francisco Bay to the northeast. The closest surface water body is San Mateo Creek, located approximately 250 feet to the northwest of the site. San Francisco Bay lies approximately 1.3 miles northeast of the site. A total of eight phases of subsurface investigation have been performed at the Site since 1992 when the tanks were removed.1992 -

A & A BEACON (Continued) **S101303231**

Nine borings (BH-A through BH-J) were drilled to assess general subsurface conditions at the Site, 42 soil samples and 4 grab groundwater samples were collected and analyzed. 1993 - Two monitoring wells (LF-1 and LF-2) were installed upgradient and downgradient of the former tanks, and 4 soil samples were analyzed . 1994 - Three soil vapor extraction/groundwater monitoring wells (SVE-1, SVE-2, SVE-3) were installed. 1997 - Eight borings were advanced crossgradient and downgradient of the Site to assess the lateral extent of constituents in shallow groundwater; 6 grab groundwater samples (HP-1 through HP-6) were collected and two wells (MW-3 and MW-4) were installed. 2000 - Eleven borings (B-1 through B-11) were drilled at the Site to assess soil and groundwater conditions following remedial actions, 33 soil samples and 1 groundwater sample were collected and analyzed. 2001 - Four borings (SV-1 through SV-4) were advanced to assess soil gas concentrations at the Site; 12 soil gas samples were collected and analyzed. 2003 - Twelve soil samples were collected from soil located beneath the fuel dispensers, hydraulic hoists and oil water separator when the equipment was removed from the Site. 2005 - Seven borings (HP-9A, 9B, 10A, 10B, HP-11 through HP-13) were advanced along the upgradient and downgradient edges of the property and downgradient of the Site to further assess groundwater quality (7 grab groundwater samples were analyzed) and 2 borings (SG-5 and SG-6) were advanced at the Site to collect 4 samples of soil gas. Quarterly Groundwater Monitoring has been conducted at the Site since 1994. Five separate remedial activities have been conducted at the Site since 1992. In addition to removing physical features (underground storage tanks, other equipment), significant efforts have been made to address petroleum product detected in soil, in soil vapor and in groundwater. The work is described below: Underground Storage Tank (UST) removal and soil excavation. On October 15, 1992, four USTs were removed from the Site. Three USTs with capacities of 5000, 7500, and 10,000 gallons had been used to store gasoline and were located in the southeastern portion of the Site. The fourth tank (275 gallons), which had been used for storage of waste oil, was located behind the building in the northeastern portion of the Site. When the gasoline tanks were removed, they were found to have leaked and consequently soil containing petroleum beneath the tanks was excavated to depths of between 19 and 25 feet below ground surface (bgs). Approximately 800 cubic yards of material was removed and disposed of off-Site. The excavation was then backfilled with imported material. Soil Vapor Extraction Soil vapor was extracted from wells LF-1, SVE-1, SVE-2 and SVE-3 between June 1995 and December 1996 and treated using an internal combustion engine (ICE) under permit with the Bay Area Air Quality Management District (BAAQMD). During that period, the measurable separate-phase product was removed from well LF-1 and an estimated 392 gallons of gasoline were removed from the soil. Hydrogen Peroxide Injection Every week between April 1997 and September 1998, a 2 percent hydrogen peroxide solution was injected into four wells: LF-1, LF-2, SVE-1, and SVE-3. Between September 1998 and May 1999 smaller amounts of 35 percent hydrogen peroxide were injected into wells LF-1 and LF-2. We estimate that up to 300 gallons of gasoline may have been oxidized and eliminated from the subsurface during these activities. Product Dispenser, Hydraulic Hoist and Oil Water Separator removal and soil excavation Six product dispensers (and associated piping), three hydraulic hoists, and one oil-water separator (OWS) were removed from the Site in June 2003. No petroleum

A & A BEACON (Continued) **S101303231**

was detected in soil beneath the product dispensers but petroleum was detected in soil beneath the hoists and OWS inside the building. Approximately 15 cubic yards of soil was excavated from beneath the hoists and removed from the Site. The excavation was backfilled with imported fill. Clean soil removed during product dispenser and associated piping removal was placed back into trenches where the dispensers were located. Dual Phase Extraction A dual phase extraction system (DPE) was installed at the Site in 2003 and soil vapor and groundwater were extracted from wells SVE-2 and SVE-3 from November 2003 until February 2004. Initially the system was designed to extract soil vapor and groundwater from SVE-2, SVE-3 and LF-2 but ACC shut off extraction from well LF-2 after one week due to rapidly decreasing concentrations detected in soil vapor from LF-2. The DPE system treated soil vapor and groundwater using a process of air stripping, carbon adsorption and ICE. Treated soil vapor was released to the atmosphere under a BAAQMD permit and treated groundwater was discharged to the publicly owned treatment works (POTW) under permit. According to ACC, approximately 230 gallons of gasoline were removed from the subsurface by the DPE system.

LUST:

Global Id:	T0608100514
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	05/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	11/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100514
Action Type:	ENFORCEMENT
Date:	03/06/2014
Action:	Notification - Preclosure - #20140306
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	05/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100514
Action Type:	ENFORCEMENT
Date:	02/04/2010
Action:	Staff Letter - #20100204
Global Id:	T0608100514
Action Type:	ENFORCEMENT
Date:	05/12/2014
Action:	Staff Letter - #20140512
Global Id:	T0608100514
Action Type:	RESPONSE

A & A BEACON (Continued) **S101303231**

Date: 01/31/2013
Action: Pilot Study/ Treatability Report

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 03/18/2011
Action: Staff Letter - #20110318

Global Id: T0608100514
Action Type: RESPONSE
Date: 06/15/2010
Action: Site Assessment Report - Regulator Responded

Global Id: T0608100514
Action Type: RESPONSE
Date: 08/08/2011
Action: Site Assessment Report - Regulator Responded

Global Id: T0608100514
Action Type: RESPONSE
Date: 03/19/2012
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 09/15/2015
Action: Staff Letter - #20150915

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

A & A BEACON (Continued) **S101303231**

Global Id:	T0608100514
Action Type:	RESPONSE
Date:	08/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	11/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	02/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	10/24/2003
Action:	Interim Remedial Action Report
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	08/08/2006
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	06/14/2007
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	05/15/2008
Action:	CAP/RAP - Other Report
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	02/15/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	06/10/2013
Action:	Other Report / Document
Global Id:	T0608100514
Action Type:	RESPONSE
Date:	07/31/2014
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0608100514
Action Type:	ENFORCEMENT
Date:	06/01/2015
Action:	Staff Letter - #20150601
Global Id:	T0608100514
Action Type:	ENFORCEMENT

A & A BEACON (Continued) **S101303231**

Date: 08/10/2016
Action: Deed Restriction / Land Use Restriction / Covenant - #20160901

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/26/2014
Action: Well Destruction Report

Global Id: T0608100514
Action Type: RESPONSE
Date: 12/22/2016
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608100514
Action Type: RESPONSE
Date: 12/13/2016
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 04/24/2007
Action: Staff Letter - #20070424

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 08/16/2007
Action: Staff Letter - #20070816

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 10/23/1992
Action: Notice of Responsibility - #1

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 09/25/2003
Action: Staff Letter - #20030925

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 07/02/2002
Action: Staff Letter - #20020702

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 06/13/2006
Action: Staff Letter - #20060613

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 11/23/2011
Action: Staff Letter - #20111123

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 02/01/2012
Action: Notice of Responsibility - #20120201

A & A BEACON (Continued) **S101303231**

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 02/01/2012
Action: Notice of Responsibility - #20120201

Global Id: T0608100514
Action Type: Other
Date: 10/21/1992
Action: Leak Discovery

Global Id: T0608100514
Action Type: Other
Date: 10/15/1992
Action: Leak Reported

Global Id: T0608100514
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/09/2006
Action: Correspondence

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE

A & A BEACON (Continued) **S101303231**

Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100514
Action Type: REMEDIATION
Date: 06/01/2003
Action: Excavation

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 07/24/2012
Action: Staff Letter - #20120724

Global Id: T0608100514
Action Type: REMEDIATION
Date: 06/01/1995
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100514
Action Type: REMEDIATION
Date: 11/11/2003
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608100514
Action Type: REMEDIATION
Date: 04/01/1997
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608100514
Action Type: REMEDIATION
Date: 10/15/1992
Action: Excavation

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 07/24/2013
Action: Staff Letter - #20130724

A & A BEACON (Continued) **S101303231**

Global Id: T0608100514
Action Type: RESPONSE
Date: 09/22/2015
Action: Closure and Post-Closure Maintenance Plans

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter - #20090709

Global Id: T0608100514
Action Type: ENFORCEMENT
Date: 02/04/2015
Action: Closure/No Further Action Letter - #20150204

LUST:
Global Id: T0608100514
Status: Open - Case Begin Date
Status Date: 10/15/1992

Global Id: T0608100514
Status: Open - Site Assessment
Status Date: 10/15/1992

Global Id: T0608100514
Status: Open - Remediation
Status Date: 04/01/1997

Global Id: T0608100514
Status: Open - Site Assessment
Status Date: 05/01/1999

Global Id: T0608100514
Status: Open - Site Assessment
Status Date: 01/25/2010

Global Id: T0608100514
Status: Open - Eligible for Closure
Status Date: 07/23/2013

Global Id: T0608100514
Status: Completed - Case Closed
Status Date: 02/04/2015

San Mateo Co. BI:
Name: EL CAMINO & 3RD CORP
Address: 221 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0016962
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022155
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

A & A BEACON (Continued) **S101303231**

CORTESE:

Name:	A & A BEACON
Address:	221 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100514
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	A & A BEACON
edr_fadd1:	221 EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0538

CERS:

Name:	A & A BEACON
Address:	221 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	249135
CERS ID:	T0608100514
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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397
SSW
1/4-1/2
0.402 mi.
2123 ft.

CENTRAL PARK SOUTH APARTMENTS
31 9TH AVENUE
SAN MATEO, CA 94401

LUST **S121475777**
Cortese **N/A**
CERS

Relative:
Higher

Actual:
32 ft.

SAN MATEO CO. LUST:

Name:	CENTRAL PARK SOUTH APARTMENTS
Address:	31 9TH AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	118170
Facility Status:	9- Case Closed

CENTRAL PARK SOUTH APARTMENTS (Continued) **S121475777**

Global ID: T10000011175
APN Number: Not reported
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

LUST:
Name: CENTRAL PARK SOUTH APARTMENTS
Address: 31 9TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000011175
Global Id: T10000011175
Latitude: 37.55997
Longitude: -122.32084
Status: Completed - Case Closed
Status Date: 03/30/2018
Case Worker: DGM
RB Case Number: Not reported
Local Agency: SAN MATEO COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: 118197
Potential Media Affect: Soil
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Not reported

LUST:
Global Id: T10000011175
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS SUITE 100
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

LUST:
Global Id: T10000011175
Action Type: RESPONSE
Date: 12/05/2017
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000011175
Action Type: ENFORCEMENT
Date: 12/15/2017
Action: Notice of Responsibility - #20171215

Global Id: T10000011175
Action Type: ENFORCEMENT
Date: 03/30/2018
Action: Closure/No Further Action Letter

Global Id: T10000011175
Action Type: ENFORCEMENT
Date: 12/18/2017
Action: Staff Letter - #20171218

CENTRAL PARK SOUTH APARTMENTS (Continued) **S121475777**

Global Id: T10000011175
Action Type: RESPONSE
Date: 12/05/2017
Action: Request for Closure - Regulator Responded

Global Id: T10000011175
Action Type: Other
Date: 10/06/2017
Action: Leak Discovery

Global Id: T10000011175
Action Type: Other
Date: 12/05/2017
Action: Leak Reported

Global Id: T10000011175
Action Type: RESPONSE
Date: 01/18/2018
Action: Correspondence

Global Id: T10000011175
Action Type: REMEDIATION
Date: 10/05/2017
Action: Excavation

LUST:
Global Id: T10000011175
Status: Open - Case Begin Date
Status Date: 10/06/2017

Global Id: T10000011175
Status: Open - Assessment & Interim Remedial Action
Status Date: 12/14/2017

Global Id: T10000011175
Status: Completed - Case Closed
Status Date: 03/30/2018

CORTESE:
Name: CENTRAL PARK SOUTH APARTMENTS
Address: 31 9TH AVENUE
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000011175
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

CENTRAL PARK SOUTH APARTMENTS (Continued) **S121475777**

Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	CENTRAL PARK SOUTH APARTMENTS
Address:	31 9TH AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	430794
CERS ID:	T10000011175
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292

AM398 **A & A BEACON** **LUST** **S103177252**
WSW **221 EL CAMINO REAL** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.420 mi.
2215 ft. **Site 1 of 3 in cluster AM**

Relative:
Higher

Actual:
45 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Remedial action (cleanup) Underway
Case Number:	110079
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	1/1/1965
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	2/14/2000
Date Post Remedial Action Monitoring Began:	Not reported

AM399 **BP OIL #11197** **LUST** **S101303232**
WSW **230 EL CAMINO REAL** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **Cortese**
0.431 mi. **HIST CORTESE**
2278 ft. **Site 2 of 3 in cluster AM** **CERS**

Relative:
Higher

Actual:
43 ft.

LUST:

Name:	MOBIL 10-FTX / BP #11197
Address:	230 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100338
Global Id:	T0608100338
Latitude:	37.5629645831236
Longitude:	-122.326298855156
Status:	Completed - Case Closed
Status Date:	02/04/2020
Case Worker:	DGM
RB Case Number:	41-0355
Local Agency:	SAN MATEO COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	110055
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Extracted from Stantec's March 10, 2010, Groundwater Monitoring Report. More current site history is summarized in more recent reports. San Mateo County does not take responsibility for the accuracy of any statements or interpretations made in the consultants report. The site is an active 76-branded gasoline retail outlet located at the western corner of the intersection of El Camino Real and Third Avenue in San Mateo, California. BP acquired the property from Mobil Oil Corporation in 1989. In 1994, BP transferred the property to TOSCO Marketing Company and has not operated the facility since that time. The site is currently operated by ConocoPhillips (formerly TOSCO) as a 76-branded service station. There are no known plans to change site use. Except for several planters and the station building, the site is covered with concrete. The existing dispensers and underground storage tanks (USTs) are located in the north-central and northern portion of the site, respectively. A waste-oil tank is located west of the station building. The present USTs were installed in 1991 and consist of three double-wall fiberglass 10,000-gallon gasoline USTs and one double-wall fiberglass 1,000-gallon waste-oil UST. The former underground fuel tanks were located beneath the southern portion of the site, and consisted of one 4,000-gallon and two 6,000-gallon gasoline USTs. A former 285-gallon waste-oil tank was located at the site of the present waste-oil UST west of the service station building. The former USTs were removed in 1991. The site is located in a mixed commercial and residential area. The northern and eastern corners of the intersection of El Camino Real and Third Avenue were previously operated as a Beacon-branded station and Chevron-branded station, respectively. The former Beacon station is now a multi-level parking garage, and the former Chevron site is a parking lot. San Mateo Creek is located approximately 250 feet northwest of the site. A previous California Department of Water Resources well survey identified a City of San Mateo irrigation well approximately 1,300 feet southeast of the site. A January 4, 2001 Well Receptor Survey for the adjacent former Chevron site indicated that no water wells were within 400 feet of the Chevron site based on

BP OIL #11197 (Continued) **S101303232**

questionnaire mailings to property owners, reconnaissance, and tenant interviews of the survey area. Since 1989, multiple phases of investigation and remediation have been conducted at the site. A total of 14 monitoring wells have been installed, including eleven onsite wells (MW-1, MW-2, MW-3, MW-7, , MW-10, MW-11, RW-1, RW-2, RW-3, RW-4, and RW-5) and seven offsite wells (MW-4, MW-5, MW-6, MW-8, MW-9, MW-12, and MW-13). Five soil vapor extraction/air sparge (SVE/AS) wells (SVE/AS-1 through SVE-AS-5) were installed in 2005. Groundwater monitoring has taken place since 1990. Fourteen additional soil borings were drilled, including B-1, TB-1 through TB-5, CB-1S through CB-4S, and CB-1V through CB-4V. During tank replacement activities in 1991, soil in the UST vicinity was excavated to a depth of approximately 15 feet below ground surface (bgs) and soil in the western dispenser island vicinity was excavated to approximately 4 feet bgs. Wells MW-1 and MW-2 were destroyed during the 1991 tank replacement activities. Well MW-3 was paved over in 1992 and was uncovered intact in the fourth quarter of 2008. Interim remedial action took place in the late third quarter of 2000, involving the injection of 330 gallons of 7.5% hydrogen peroxide solution into wells MW-4 through MW-6 during four weekly events and to wells RW-2, RW-4, and RW-5 during one event to enhance natural attenuation. Based on the findings, Cambria proposed enhanced natural attenuation using hydrogen peroxide as the remedial approach. However, SMCHSA rejected this proposal due to insufficient data demonstrating stabilized hydrocarbon concentrations in site wells. A dual-phase extraction (DPE) pilot test was performed by URS from April 28 through May 1, 2003. The results of the DPE pilot test indicated that DPE could be implemented at the site. URS proposed additional pilot testing for in-situ enhanced bio-remediation alternatives. SMCHD rejected this proposal in a letter dated January 11, 2005. In response, URS recommended an AS/SVE feasibility study that was accepted by the SMCHD. In August and September 2005, URS installed two onsite monitoring wells (MW-10 and MW-11), two offsite monitoring wells (MW-12 and MW-13), and five dual-completion SVE/AS remedial wells (SVE/AS-1 through SVE/AS-5). The results of this investigation were reported in URS Well Installation Report, dated November 22, 2005. In November 2005, TRC Inc. (TRC) conducted a 4-day SVE/AS pilot test on the new remedial wells. The AS test was terminated after one day when field measurements indicated low to no response to air sparging. The remainder of the SVE test was completed, resulting in an estimated 46 to 48 foot radius of influence. In URS January 31, 2006 Feasibility Study and Revised Corrective Action Plan, DPE was proposed for implementation at the site to reduce the mass of hydrocarbons in soil and groundwater. The SMCHD accepted DPE as the remedial approach in a letter dated May 11, 2006. SECOR submitted a Remedial Action Work Plan, dated July 6, 2006, proposing a DPE system design using a thermal oxidizer and granular activated carbon to treat extracted vapor and groundwater, respectively. SMCHD approved the work plan in a letter dated December 6, 2006. Stantec (formerly SECOR) and Stratus Environmental Inc. completed DPE system installation in January 2009. On April 1, 2009, BP transferred the site to Delta Environmental as part of an environmental liability transfer contract executed by Delta. Delta will perform start-up of the DPE system in the second quarter of 2009. Stantec submitted a Remediation System Installation Report, dated April 3, 2009, documenting the installation of the DPE system and piping connections. Individual two-inch diameter Schedule 40

BP OIL #11197 (Continued) **S101303232**

Polyvinyl Chloride (Sch 40 PVC) extraction conduits were run underground from a manifold within the remediation compound and connected to existing wells RW-2, RW-4, RW-5, and SVE-1 through SVE-5. Two additional future extraction conduits were also installed during the installation activities. The future conduits were terminated and capped directly southwest of well SVE-2 and are housed within a traffic rated vault at the point of termination. The ten extraction conduits were connected to the extraction and abatement equipment. On October 27, 2009, BP transferred the environmental consulting responsibilities from Delta Environmental to Stantec.

LUST:

Global Id:	T0608100338
Contact Type:	Local Agency Caseworker
Contact Name:	DENO MILANO
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
City:	SAN MATEO
Email:	dmilano@smcgov.org
Phone Number:	6503726292

Global Id:	T0608100338
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100338
Action Type:	RESPONSE
Date:	04/06/2011
Action:	Well Installation Workplan

Global Id:	T0608100338
Action Type:	RESPONSE
Date:	11/15/2015
Action:	Monitoring Report - Semi-Annually

Global Id:	T0608100338
Action Type:	RESPONSE
Date:	12/01/2018
Action:	Electronic Reporting Submittal Due

Global Id:	T0608100338
Action Type:	ENFORCEMENT
Date:	07/20/2005
Action:	Staff Letter - #20050720

Global Id:	T0608100338
Action Type:	ENFORCEMENT
Date:	06/15/2015
Action:	Staff Letter - #20150615

Global Id: T0608100338

BP OIL #11197 (Continued) **S101303232**

Action Type: ENFORCEMENT
Date: 12/06/2006
Action: Staff Letter - #20061206

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 04/22/2005
Action: Staff Letter - #20050422

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/27/2014
Action: Staff Letter - #20140827

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 10/02/2017
Action: Email Correspondence

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/28/2018
Action: Correspondence

Global Id: T0608100338
Action Type: RESPONSE
Date: 12/22/2018
Action: Other Report / Document

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/28/2018
Action: Electronic Reporting Submittal Due

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 06/07/2010
Action: Staff Letter - #20100607

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/27/2014
Action: Technical Correspondence / Assistance / Other - #20140827

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 09/20/2005

BP OIL #11197 (Continued) **S101303232**

Action: Staff Letter - #20050920

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 05/08/2014
Action: Email Correspondence - #20140508

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/17/2017
Action: Correspondence

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 07/29/2014
Action: Technical Correspondence / Assistance / Other - #20140729

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 11/20/2007
Action: Staff Letter - #20071120

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/25/2014
Action: Technical Correspondence / Assistance / Other - #20140825

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100338
Action Type: RESPONSE
Date: 07/06/2006
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/12/2011
Action: Remedial Progress Report - Regulator Responded

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 06/09/2011
Action: Staff Letter - #20110609

BP OIL #11197 (Continued) **S101303232**

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 07/01/2010
Action: Staff Letter - #20100701

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/17/2016
Action: Email Correspondence - #20160217

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 01/30/2017
Action: Technical Correspondence / Assistance / Other - #20170130

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/28/2017
Action: Site Visit / Inspection / Sampling - #20170228

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/04/2016
Action: Staff Letter - #20160204

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/06/2017
Action: Staff Letter - #20170206

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/23/2017
Action: Technical Correspondence / Assistance / Other - #20170223

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/20/2013
Action: Electronic Reporting Submittal Due

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE

BP OIL #11197 (Continued) **S101303232**

Date: 08/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 04/24/2014
Action: Site Assessment Report

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0608100338
Action Type: RESPONSE
Date: 12/01/2018
Action: Other Report / Document

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/18/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0608100338
Action Type: RESPONSE
Date: 06/11/2013
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0608100338
Action Type: RESPONSE
Date: 10/10/2016
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/24/2011
Action: Staff Letter - #20110224

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/24/2016
Action: Email Correspondence - #20160824

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 03/01/2017
Action: Site Visit / Inspection / Sampling - #20170301

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 11/12/2015
Action: Email Correspondence - #20151112

BP OIL #11197 (Continued) **S101303232**

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 11/01/2018
Action: Staff Letter - #20181101

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/31/2018
Action: File Review - Closure - #20181031

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/04/2017
Action: Email Correspondence - #20171004

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 07/30/1991
Action: Notice of Responsibility - #19910730

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/03/2017
Action: Email Correspondence - #20171003

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/28/2018
Action: Staff Letter - #20180828

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/07/2019
Action: Notification - Preclosure - #20190207

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/22/2018
Action: Staff Letter - #20181022

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 12/13/2017
Action: Staff Letter - #20171213

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/23/2017
Action: Meeting - #20171023

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/07/2017
Action: Staff Letter - #20170817

Global Id: T0608100338
Action Type: ENFORCEMENT

BP OIL #11197 (Continued) **S101303232**

Date: 11/14/2018
Action: Staff Letter - #20181114

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/17/2019
Action: Technical Correspondence / Assistance / Other - #20191017

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 09/03/2019
Action: Staff Letter - #20190903

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 04/10/2019
Action: Staff Letter - #20190410

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/09/2019
Action: Technical Correspondence / Assistance / Other - #20191009

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/23/2019
Action: Technical Correspondence / Assistance / Other - #20191023

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/07/2019
Action: Email Correspondence - #20190807

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/23/2019
Action: Technical Correspondence / Assistance / Other - #20191023

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/22/2019
Action: Technical Correspondence / Assistance / Other - #20191022

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 11/07/2018
Action: LOP Case Closure Summary to RB - #20181107

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2005
Action: Monitoring Report - Quarterly

BP OIL #11197 (Continued) **S101303232**

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/25/2003
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100338
Action Type: RESPONSE
Date: 10/09/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608100338
Action Type: RESPONSE
Date: 03/11/2005
Action: Interim Remedial Action Plan

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0608100338
Action Type: RESPONSE
Date: 04/30/2015
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/31/2017
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100338
Action Type: RESPONSE

BP OIL #11197 (Continued) **S101303232**

Date: 03/13/2017
Action: Site Assessment Report

Global Id: T0608100338
Action Type: RESPONSE
Date: 06/21/2005
Action: Other Report / Document - Regulator Responded

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 05/11/2006
Action: Staff Letter - #20060511

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 05/06/1991
Action: Notice of Responsibility - #19910506

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 05/26/2005
Action: Staff Letter - #20050526

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/14/2003
Action: Staff Letter - #20030814

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/22/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/04/2020
Action: Closure/No Further Action Letter - #20200204

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/07/2019
Action: Site Visit / Inspection / Sampling - #20191007

Global Id: T0608100338
Action Type: Other
Date: 03/09/1989
Action: Leak Discovery

Global Id: T0608100338
Action Type: Other
Date: 12/01/1989
Action: Leak Reported

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/30/2005
Action: Pilot Study/ Treatability Report

BP OIL #11197 (Continued) **S101303232**

Global Id:	T0608100338
Action Type:	RESPONSE
Date:	11/15/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	09/30/2005
Action:	Site Assessment Report
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	05/15/2015
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	09/30/2014
Action:	Other Report / Document
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	05/23/2014
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	11/15/2017
Action:	Monitoring Report - Other
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	08/14/2019
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	05/10/2017
Action:	Request for Closure - Regulator Responded
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	01/31/2019
Action:	Other Workplan - Regulator Responded
Global Id:	T0608100338
Action Type:	RESPONSE
Date:	07/16/2018
Action:	Request for Closure - Regulator Responded
Global Id:	T0608100338
Action Type:	ENFORCEMENT
Date:	07/30/2008
Action:	Staff Letter - #20080730
Global Id:	T0608100338
Action Type:	ENFORCEMENT

BP OIL #11197 (Continued) **S101303232**

Date: 01/11/2005
Action: Staff Letter - #20050111

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/06/2013
Action: Staff Letter - #20130806

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/28/2012
Action: Staff Letter - #20120828

Global Id: T0608100338
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 01/01/2008
Action: CAP/RAP - Other Report

BP OIL #11197 (Continued) **S101303232**

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 09/14/2005
Action: Other Report / Document

Global Id: T0608100338
Action Type: RESPONSE
Date: 07/24/2019
Action: Other Report / Document

Global Id: T0608100338
Action Type: RESPONSE

BP OIL #11197 (Continued) **S101303232**

Date: 05/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0608100338
Action Type: REMEDIATION
Date: 09/01/2000
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/07/2019
Action: Staff Letter - #20190207

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 10/18/2013
Action: Staff Letter - #20131018

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 08/29/2013
Action: Staff Letter - #20130829

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 03/30/1992
Action: Site Visit / Inspection / Sampling

Global Id: T0608100338
Action Type: RESPONSE
Date: 06/13/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100338
Action Type: REMEDIATION
Date: 10/09/1991
Action: Excavation

Global Id: T0608100338
Action Type: REMEDIATION
Date: 12/31/2011
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 03/29/2011
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100338
Action Type: REMEDIATION
Date: 11/30/2009
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 12/01/2010
Action: Dual Phase Extraction

BP OIL #11197 (Continued) **S101303232**

Global Id: T0608100338
Action Type: REMEDIATION
Date: 03/25/2010
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 11/08/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0608100338
Action Type: REMEDIATION
Date: 07/26/2013
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 09/28/2010
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 04/02/2003
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 08/27/2009
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 10/01/2009
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 06/17/2010
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 06/14/2012
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: REMEDIATION
Date: 09/30/2011
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100338
Action Type: REMEDIATION
Date: 03/29/2012
Action: Dual Phase Extraction

Global Id: T0608100338
Action Type: ENFORCEMENT

BP OIL #11197 (Continued) **S101303232**

Date: 05/18/2009
Action: Staff Letter - #20090518

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 05/10/2013
Action: Staff Letter - #20130510

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 05/22/2013
Action: Staff Letter - #20130522

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 12/12/2013
Action: Staff Letter - #20131212

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 08/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 02/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608100338
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Quarterly

BP OIL #11197 (Continued) **S101303232**

Global Id: T0608100338
Action Type: RESPONSE
Date: 12/31/2019
Action: Well Destruction Report

Global Id: T0608100338
Action Type: RESPONSE
Date: 10/12/2016
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0608100338
Action Type: REMEDIATION
Date: 01/23/1992
Action: Free Product Removal

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: Staff Letter - #20090713

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 12/04/2013
Action: Technical Correspondence / Assistance / Other - #20131204

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0608100338
Action Type: ENFORCEMENT
Date: 02/10/2015
Action: Staff Letter - #20150210

LUST:
Global Id: T0608100338
Status: Open - Case Begin Date
Status Date: 01/07/1991

Global Id: T0608100338
Status: Open - Site Assessment
Status Date: 01/07/1991

Global Id: T0608100338
Status: Open - Remediation
Status Date: 11/10/2005

Global Id: T0608100338
Status: Open - Verification Monitoring
Status Date: 08/26/2013

Global Id: T0608100338
Status: Open - Eligible for Closure
Status Date: 08/30/2018

Global Id: T0608100338

BP OIL #11197 (Continued) **S101303232**

Status: Completed - Case Closed
Status Date: 02/04/2020

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 110055
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: UNOCAL 76
Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016916
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022117
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: UNOCAL 76
Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016916
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0025159
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: UNOCAL 76
Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016916
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0025160
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: UNOCAL 76

BP OIL #11197 (Continued) **S101303232**

Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046773
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0063662
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: UNOCAL 76
Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046773
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0063660
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: UNOCAL 76
Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046773
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068918
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: UNOCAL 76
Address: 230 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0046773
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0063663
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

CORTESE:
Name: MOBIL 10-FTX / BP #11197
Address: 230 SOUTH EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100338
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported

BP OIL #11197 (Continued) **S101303232**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BP
edr_fadd1:	230 EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0355

CERS:

Name:	MOBIL 10-FTX / BP #11197
Address:	230 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	202381
CERS ID:	T0608100338
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DENO MILANO - SAN MATEO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS SUITE 100
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6503726292

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AM400 **BP OIL COMPANY FACILITY #11197** **LUST** **S101593672**
WSW **230 S EL CAMINO REAL** **SWEEPS UST** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **CA FID UST**
0.431 mi.
2278 ft. **Site 3 of 3 in cluster AM**

Relative:
Higher

Actual:
43 ft.

SAN MATEO CO. LUST:

Name:	MOBIL 10-FTX / BP #11197
Address:	230 S EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110055
Facility Status:	5R- Remediation Plan
Global ID:	T0608100338
APN Number:	034930050
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

SWEEPS UST:

Name:	BP OIL COMPANY FACILITY #11197
Address:	230 S EL CAMINO REAL
City:	SAN MATEO
Status:	Active
Comp Number:	110043
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-18-94
Action Date:	04-18-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110043-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-18-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	9

Name:	BP OIL COMPANY FACILITY #11197
Address:	230 S EL CAMINO REAL
City:	SAN MATEO
Status:	Active
Comp Number:	110043
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-18-94
Action Date:	04-18-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110043-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-18-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

BP OIL COMPANY FACILITY #11197 (Continued) **S101593672**

Name:	BP OIL COMPANY FACILITY #11197
Address:	230 S EL CAMINO REAL
City:	SAN MATEO
Status:	Active
Comp Number:	110043
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-18-94
Action Date:	04-18-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110043-000003
Tank Status:	A
Capacity:	10000
Active Date:	04-18-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Name:	BP OIL COMPANY FACILITY #11197
Address:	230 S EL CAMINO REAL
City:	SAN MATEO
Status:	Active
Comp Number:	110043
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-18-94
Action Date:	04-18-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-110043-000004
Tank Status:	A
Capacity:	10000
Active Date:	04-18-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BP OIL COMPANY FACILITY #11197
Address:	230 S EL CAMINO REAL
City:	SAN MATEO
Status:	Active
Comp Number:	110043
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-18-94
Action Date:	04-18-94
Created Date:	10-13-88
Owner Tank Id:	UNK
SWRCB Tank Id:	41-000-110043-000005
Tank Status:	A
Capacity:	10000
Active Date:	07-09-92
Tank Use:	M.V. FUEL
STG:	P

BP OIL COMPANY FACILITY #11197 (Continued) **S101593672**

Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BP OIL COMPANY FACILITY #11197
Address: 230 S EL CAMINO REAL
City: SAN MATEO
Status: Active
Comp Number: 110043
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-18-94
Action Date: 04-18-94
Created Date: 10-13-88
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-110043-000006
Tank Status: A
Capacity: 10000
Active Date: 07-09-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: BP OIL COMPANY FACILITY #11197
Address: 230 S EL CAMINO REAL
City: SAN MATEO
Status: Active
Comp Number: 110043
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-18-94
Action Date: 04-18-94
Created Date: 10-13-88
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-110043-000007
Tank Status: A
Capacity: 250
Active Date: 07-09-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Name: BP OIL COMPANY FACILITY #11197
Address: 230 S EL CAMINO REAL
City: SAN MATEO
Status: Active
Comp Number: 110043
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-18-94
Action Date: 04-18-94
Created Date: 10-13-88
Owner Tank Id: 3714BA
SWRCB Tank Id: 41-000-110043-000008
Tank Status: A
Capacity: 550

BP OIL COMPANY FACILITY #11197 (Continued) **S101593672**

Active Date:	07-09-92
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

Name:	BP OIL COMPANY FACILITY #11197
Address:	230 S EL CAMINO REAL
City:	SAN MATEO
Status:	Active
Comp Number:	110043
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-18-94
Action Date:	04-18-94
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-110043-000009
Tank Status:	A
Capacity:	1000
Active Date:	01-14-93
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	41000109
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153438430
Mail To:	Not reported
Mailing Address:	2868 PROSPECT DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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401 **MILITARY FAMILY HOUSING,** **San Mateo Co. BI** **S103893960**
ENE **726 AMPHLETT** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MATEO, CA 94402**
0.433 mi.
2286 ft.

Relative:
Lower

Actual:
9 ft.

San Mateo Co. BI:

Name:	DURA FINISH OF SAN MATEO
Address:	726 AMPHLETT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0017004

MILITARY FAMILY HOUSING, (Continued) **S103893960**

Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0010644
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: DURA FINISH OF SAN MATEO
Address: 726 AMPHLETT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0017004
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003290
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: MILITARY FAMILY HOUSING,
edr_fadd1: 726 AMPHLETT
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 2723

AN402 **NEDWICK & SON** **LUST** **S103892796**
SE **1028 CLAREMONT** **N/A**
1/4-1/2 **SAN MATEO, CA 94402**
0.434 mi.
2293 ft. **Site 1 of 3 in cluster AN**

Relative:
Lower

Actual:
14 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 110104
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

AN403 **NEDWICK & SON** **LUST** **S103894035**
SE **1028 CLAREMONT** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94404** **Cortese**
0.434 mi. **HIST CORTESE**
2293 ft. **Site 2 of 3 in cluster AN** **CERS**

Relative:
Lower

Actual:
14 ft.

SAN MATEO CO. LUST:

Name:	NEDWICK & SON
Address:	1028 S CLAREMONT
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110104
Facility Status:	9- Case Closed
Global ID:	T0608100886
APN Number:	035011010
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	NEDWICK & SON
Address:	1028 SOUTH CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100886
Global Id:	T0608100886
Latitude:	37.560522
Longitude:	-122.314511
Status:	Completed - Case Closed
Status Date:	02/16/2007
Case Worker:	Not reported
RB Case Number:	41-0967
Local Agency:	Not reported
File Location:	Local Agency Warehouse
Local Case Number:	110104
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100886
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100886
Action Type:	RESPONSE
Date:	08/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608100886
Action Type:	RESPONSE
Date:	06/15/2004
Action:	Other Workplan

NEDWICK & SON (Continued) **S103894035**

Global Id: T0608100886
Action Type: RESPONSE
Date: 02/28/2007
Action: Unknown

Global Id: T0608100886
Action Type: ENFORCEMENT
Date: 09/05/1995
Action: Notice of Responsibility - #1

Global Id: T0608100886
Action Type: ENFORCEMENT
Date: 10/02/2006
Action: Staff Letter - #20061002

Global Id: T0608100886
Action Type: ENFORCEMENT
Date: 04/29/2003
Action: Staff Letter - #20030429

Global Id: T0608100886
Action Type: ENFORCEMENT
Date: 04/15/2004
Action: Staff Letter - #20040415

Global Id: T0608100886
Action Type: Other
Date: 09/05/1995
Action: Leak Reported

Global Id: T0608100886
Action Type: RESPONSE
Date: 11/14/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100886
Action Type: ENFORCEMENT
Date: 02/16/2007
Action: Closure/No Further Action Letter - #20070216

LUST:
Global Id: T0608100886
Status: Open - Case Begin Date
Status Date: 09/05/1995

Global Id: T0608100886
Status: Open - Site Assessment
Status Date: 09/05/1995

Global Id: T0608100886
Status: Completed - Case Closed
Status Date: 02/16/2007

San Mateo Co. BI:
Name: A A AUTO

NEDWICK & SON (Continued) **S103894035**

Address: 1028 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014586
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024479
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: A A AUTO
Address: 1028 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0014586
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0024478
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: QUIK SMOG
Address: 1028 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0053023
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0073423
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: QUIK SMOG
Address: 1028 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0053023
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0089516
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: QUIK SMOG
Address: 1028 CLAREMONT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0053023
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0073422
Description: GENERATES <27 GAL/YEAR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: NEDWICK & SON
Address: 1028 SOUTH CLAREMONT STREET

NEDWICK & SON (Continued) **S103894035**

City,State,Zip:	SAN MATEO, CA 94402
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100886
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	NEDWICK & SON
edr_fadd1:	1028 CLAREMONT
City,State,Zip:	SAN MATEO, CA 94404
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0967

CERS:

Name:	NEDWICK & SON
Address:	1028 SOUTH CLAREMONT STREET
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	236598
CERS ID:	T0608100886
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

404
NNE
1/4-1/2
0.450 mi.
2375 ft.

Relative:
Lower

Actual:
11 ft.

SC PROPERTIES
120 S AMPHLETT BLVD
SAN MATEO, CA 94401

LUST **S106101929**
CPS-SLIC **N/A**
San Mateo Co. BI
HAZNET
WDS
HWTS

SAN MATEO CO. LUST:

Name:	TRESSER'S TOWING
Address:	120 S AMPHLETT ST
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	119165
Facility Status:	3B- Preliminary Assessment Underway
Global ID:	SL0608173289
APN Number:	033131030
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

CPS-SLIC:

Name:	TRESSER'S TOWING
Address:	120 SOUTH AMPHLETT BOULEVARD
City,State,Zip:	SAN MATEO, CA 94401
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/08/2019
Global Id:	SL0608173289
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	119165
Latitude:	37.5722380169629
Longitude:	-122.316567823291
Case Type:	Cleanup Program Site
Case Worker:	DGM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead, Diesel, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	September 2005 - four agencies inspected the property and identified various waste storage and disposal violations. Soil in a garbage can contained 42,000 mg/kg TPH-motor oil (TPH-mo) and 34,000 mg/kg TPH-diesel. A sample of the soil on the ground in the center of the site contained 55,000 mg/kg TPH-mo and 35,000 mg/kg TPH-diesel. September 2006 - surface soils were reportedly excavated. No details were provided to the oversight agency. March 2008 - Borings B-1 through B-7 were drilled to collect soil and groundwater samples. The soil samples were reported to contain up to 3,800 mg/kg TPH and 800 mg/kg of lead. Waste Extraction Testing of B-2 soil at 0.5 feet below grade (fbg) yielded 23 mg/l of lead. Refer to the 4/18/08 report. August 2016 - an approximately 30 foot x 30 foot area in the southern corner of the site was excavated to a depth of 1.5 fbg and the excavated soils were transported to the Chemical Waste Management disposal facility. Summary information is in the 2/28/17 monitoring well installation report. September 2016 - installed Monitoring Wells MW-1 through MW-3. The groundwater samples from the wells contained minimal impact. Refer to the 2/28/17 report. December 2016 - drilled Borings SPB-1 and SPB-2. No report was submitted to GeoTracker, but soil sampling results on other report tables did not identify significant impact. June 2017 - drilled Boring B-8. Refer to 12/4/17

SC PROPERTIES (Continued) **S106101929**

report. August 2018 - additional soil excavation performed northwest and north of the August 2016 soil excavation. Refer to the 11/20/18 report. October 2018 - development and sampling of an unknown monitoring well discovered immediately northwest of the August 2016 soil excavation. No groundwater impact was reported. Refer to 10/22/18 report. November 2018 - destroyed Monitoring Wells MW-1 through MW-3 and the unknown well discovered near the August 2016 soil excavation (Unk-1). Refer to 11/21/18 report.

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	TRESSERS TOWING
Address:	120 AMPHLETT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016377
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0010813
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	TRESSERS TOWING
Address:	120 AMPHLETT
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0016377
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003486
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	A FINISHLINE TOWING & AUTO DISPOSAL
Address:	120 AMPHLETT
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0045180
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0058205
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	A FINISHLINE TOWING & AUTO DISPOSAL
Address:	120 AMPHLETT
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0045180
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0068889
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name: A FINISHLINE TOWING & AUTO DISPOSAL

SC PROPERTIES (Continued) **S106101929**

Address: 120 AMPHLETT
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0045180
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0058204
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

HAZNET:
Name: SC PROPERTIES
Address: 120 S AMPHLETT BLVD
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94401
Contact: CHRIS GIOTINIS
Telephone: 6503423030
Mailing Name: Not reported
Mailing Address: 311 S ELLSWORTH AVE

Year: 2016
Gepaid: CAC002877841
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 126.9

WDS:
Name: TRESSERS TOWING & AUTO SALVAG
Address: 120 S Amphlett Blvd
City: SAN MATEO
Facility ID: San Francisco Bay 41I010153
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 6503415653
Facility Contact: MOLLIE TAYLOR
Agency Name: ALBERT AUBRY
Agency Address: 120 S Amphlett Blvd
Agency City,St,Zip: San Mateo 944012941
Agency Contact: MOLLIE TAYLOR
Agency Telephone: 6503415653
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported

SC PROPERTIES (Continued) **S106101929**

Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

HWTS:

Name:	SC PROPERTIES
Address:	120 S AMPHLETT BLVD
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC002877841
Inactive Date:	12/15/2016
Create Date:	09/14/2016
Last Act Date:	12/15/2016
Mailing Name:	Not reported
Mailing Address:	311 S ELLSWORTH AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 94401
Owner Name:	SC PROPERTIES
Owner Address:	311 S ELLSWORTH AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 94401
Contact Name:	CHRIS GIOTINIS
Contact Address:	311 S ELLSWORTH AVE
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401

AO405 **SHELL** **LUST** **S103894157**
WSW **94 SOUTH EL CAMINO REAL** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94401** **Cortese**
0.455 mi. **HIST CORTESE**
2401 ft. **Site 1 of 3 in cluster AO** **CERS**

Relative:
Higher

Actual:
29 ft.

LUST:

Name:	SHELL
Address:	94 SOUTH EL CAMINO REAL
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site

SHELL (Continued) **S103894157**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100493
Global Id:	T0608100493
Latitude:	37.564468
Longitude:	-122.328112
Status:	Completed - Case Closed
Status Date:	10/30/2001
Case Worker:	Not reported
RB Case Number:	41-0517
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110020
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100493
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100493
Action Type:	ENFORCEMENT
Date:	01/31/1989
Action:	Notice of Responsibility - #1
Global Id:	T0608100493
Action Type:	Other
Date:	03/02/1987
Action:	Leak Discovery
Global Id:	T0608100493
Action Type:	Other
Date:	03/02/1987
Action:	Leak Reported
Global Id:	T0608100493
Action Type:	REMEDIATION
Date:	08/11/1995
Action:	Free Product Removal

LUST:

Global Id:	T0608100493
Status:	Open - Case Begin Date
Status Date:	03/02/1987
Global Id:	T0608100493
Status:	Completed - Case Closed
Status Date:	10/30/2001

SHELL (Continued) **S103894157**

San Mateo Co. BI:
Name: HILLSBOROUGH SHELL
Address: 94 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016914
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022116
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: HILLSBOROUGH SHELL
Address: 94 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016914
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0024083
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: HILLSBOROUGH SHELL
Address: 94 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0016914
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0003282
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: SHELL
Address: 94 SOUTH EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100493
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported

SHELL (Continued) **S103894157**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: SHELL
edr_fadd1: 94 EL CAMINO REAL
City,State,Zip: SAN MATEO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0517

CERS:
Name: SHELL
Address: 94 SOUTH EL CAMINO REAL
City,State,Zip: SAN MATEO, CA 94401
Site ID: 239446
CERS ID: T0608100493
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AO406 **HILLSBOROUGH SHELL** **LUST S101593766**
WSW **94 S EL CAMINO REAL** **CA FID UST N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.455 mi.
2401 ft. **Site 2 of 3 in cluster AO**

Relative: Higher
Actual: 29 ft.

SAN MATEO CO. LUST:
Name: SHELL
Address: 94 S EL CAMINO REAL
City,State,Zip: SAN MATEO, CA
Region: SAN MATEO
Facility ID: 110020
Facility Status: 9- Case Closed
Global ID: T0608100493
APN Number: Not reported
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

CA FID UST:
Facility ID: 41000474
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported

HILLSBOROUGH SHELL (Continued) **S101593766**

Facility Phone:	4155795884
Mail To:	Not reported
Mailing Address:	P.O. BOX 5500
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN MATEO 94401
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

407
SSW
1/4-1/2
0.456 mi.
2407 ft.

CHEVRON 9-0056 **LUST** **S105030580**
610 EL CAMINO REAL **N/A**
SAN MATEO, CA 94402

Relative:
Higher

Actual:
38 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110016
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

408
West
1/4-1/2
0.462 mi.
2440 ft.

PENINSULA REGENT **LUST** **S102270354**
1 BALDWIN **San Mateo Co. BI** **N/A**
SAN MATEO, CA 94402 **Cortese**

Relative:
Higher

Actual:
29 ft.

SAN MATEO CO. LUST:

Name:	PENINSULA REGENT
Address:	1 BALDWIN AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110029
Facility Status:	9- Case Closed
Global ID:	T0608100390
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	PENINSULA REGENT

PENINSULA REGENT (Continued) **S102270354**

Address:	1 BALDWIN
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100390
Global Id:	T0608100390
Latitude:	37.565828
Longitude:	-122.327694
Status:	Completed - Case Closed
Status Date:	03/23/2000
Case Worker:	Not reported
RB Case Number:	41-0409
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110029
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0608100390
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100390
Action Type:	RESPONSE
Date:	03/23/2000
Action:	Other Report / Document

Global Id:	T0608100390
Action Type:	ENFORCEMENT
Date:	01/01/1990
Action:	Notice of Responsibility - #1

Global Id:	T0608100390
Action Type:	Other
Date:	02/18/1987
Action:	Leak Discovery

Global Id:	T0608100390
Action Type:	Other
Date:	02/18/1987
Action:	Leak Reported

Global Id:	T0608100390
Action Type:	RESPONSE
Date:	02/10/1987
Action:	Site Assessment Report

LUST:

Global Id:	T0608100390

PENINSULA REGENT (Continued) **S102270354**

Status: Open - Case Begin Date
Status Date: 02/18/1987

Global Id: T0608100390
Status: Completed - Case Closed
Status Date: 03/23/2000

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110029
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0066176
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0089258
Description: UNDERGROUND TANK - GENERAL
Facility Status: Active, billable
Program Category: UNDERGROUND TANK PROGRAM

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0066176
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0089256
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0066176
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0089257
Description: GENERATES <27 GAL/YEAR

PENINSULA REGENT (Continued) **S102270354**

Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006283
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022171
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006283
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0085222
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006283
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068699
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006283
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0047868
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: THE PENINSULA REGENT
Address: 1 BALDWIN
City,State,Zip: SAN MATEO, CA 94401
Region: SAN MATEO
Facility ID: FA0006283
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0029227
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

PENINSULA REGENT (Continued) **S102270354**

Name:	PENINSULA REGENT
Address:	1 BALDWIN
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0006379
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0069325
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

CORTESE:

Name:	PENINSULA REGENT
Address:	1 BALDWIN
City,State,Zip:	SAN MATEO, CA 94402
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100390
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AP409 **BURLINGAME INDEPENDENT** **LUST** **U001596038**
East **850 S AMPHLETT BLVD** **HIST UST** **N/A**
1/4-1/2 **SAN MATEO, CA 94402** **San Mateo Co. BI**
0.462 mi. **Cortese**
2440 ft. **Site 1 of 3 in cluster AP** **HAZNET**
HIST CORTESE
Relative: **CERS**
Lower **HWTS**

Actual:
9 ft.

SAN MATEO CO. LUST:

Name:	PENINSULA FORKLIFT, FORMER
Address:	850 S AMPHLETT
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110098
Facility Status:	9- Case Closed
Global ID:	T0608100812
APN Number:	033306360
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

BURLINGAME INDEPENDENT (Continued) **U001596038**

LUST:
Name: PENINSULA FORKLIFT, FORMER
Address: 850 SOUTH AMPHLETT BOULEVARD
City,State,Zip: SAN MATEO, CA 94401
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100812
Global Id: T0608100812
Latitude: 37.566983
Longitude: -122.310596
Status: Completed - Case Closed
Status Date: 05/01/1997
Case Worker: Not reported
RB Case Number: 41-0870
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110098
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100812
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100812
Action Type: ENFORCEMENT
Date: 11/28/1994
Action: Notice of Responsibility - #1

Global Id: T0608100812
Action Type: Other
Date: 03/21/1988
Action: Leak Reported

Global Id: T0608100812
Action Type: REMEDIATION
Date: 10/31/1994
Action: Excavation

LUST:
Global Id: T0608100812
Status: Open - Case Begin Date
Status Date: 03/21/1988

Global Id: T0608100812
Status: Completed - Case Closed
Status Date: 05/01/1997

BURLINGAME INDEPENDENT (Continued) **U001596038**

HIST UST:

Name:	PENINSULA FORK LIFT COMPANY
Address:	850 SO AMPHLETT BLVD
City,State,Zip:	SAN MATEO, CA 94402
File Number:	0002BFDC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BFDC.pdf
Region:	STATE
Facility ID:	00000020388
Facility Type:	Other
Other Type:	EQUIPMENT DEALER
Contact Name:	DUANE R. JUNKIN
Telephone:	4153426085
Owner Name:	KUNZ INVESTMENT
Owner Address:	P.O. BOX 3246
Owner City,St,Zip:	SAN MATEO, CA 94403
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000900
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	004
Container Num:	4
Year Installed:	1960
Tank Capacity:	00000100
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

San Mateo Co. BI:

BURLINGAME INDEPENDENT (Continued) **U001596038**

Name: AMERICAN STAR MARINE
Address: 850 AMPHLETT
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0029519
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0050298
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

CORTESE:
Name: PENINSULA FORKLIFT, FORMER
Address: 850 SOUTH AMPHLETT BOULEVARD
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100812
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HAZNET:
Name: BURLINGAME INDEPENDENT
Address: 850 S AMPHLETT BLVD
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944021402
Contact: JAMES MARCH
Telephone: 6503425889
Mailing Name: Not reported
Mailing Address: 850 S AMPHLETT BLVD

Year: 2019
Gepaid: CAL000330088
TSD EPA ID: AZR000521146
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05000

Year: 2018

BURLINGAME INDEPENDENT (Continued) **U001596038**

Gepaid: CAL000330088
TSD EPA ID: AZR000515924
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06250

Year: 2017
Gepaid: CAL000330088
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1

Additional Info:
Year: 2017
Gen EPA ID: CAL000330088

Shipment Date: 20170725
Creation Date: 5/31/2018 18:30:42
Receipt Date: 20170816
Manifest ID: 017787556JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: US ECOLOGY VERNON INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HIST CORTESE:
edr_fname: PENINSULA FORKLIFT
edr_fadd1: 850 AMPHLETT
City,State,Zip: SAN MATEO, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0870

CERS:
Name: PENINSULA FORKLIFT, FORMER

BURLINGAME INDEPENDENT (Continued) **U001596038**

Address: 850 SOUTH AMPHLETT BOULEVARD
City,State,Zip: SAN MATEO, CA 94401
Site ID: 240312
CERS ID: T0608100812
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: BURLINGAME INDEPENDENT
Address: 850 S AMPHLETT BLVD
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944021402
EPA ID: CAL000330088
Inactive Date: Not reported
Create Date: 02/25/2008
Last Act Date: 07/22/2020
Mailing Name: Not reported
Mailing Address: 850 S AMPHLETT BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MATEO, CA 944021402
Owner Name: JAMES MARCH
Owner Address: 850 S AMPHLETT BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SAN MATEO, CA 944021402
Contact Name: JAMES MARCH
Contact Address: 850 S AMPHLETT BLVD
Contact Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94402

NAICS:
EPA ID: CAL000330088
Create Date: 2008-02-25 14:04:45.303
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2008-02-25 14:04:45.30300
Inactive Date: Not reported
Facility Name: BURLINGAME INDEPENDENT
Facility Address: 850 S AMPHLETT BLVD
Facility Address 2: Not reported
Facility City: SAN MATEO
Facility County: Not reported
Facility State: CA
Facility Zip: 944021402

AP410 **SCANDIA CRAFT UPHOLSTERY** **LUST** **S103623339**
East **1120 9TH** **Cortese** **N/A**
1/4-1/2 **SAN MATEO, CA 94706**
0.475 mi.
2509 ft. **Site 2 of 3 in cluster AP**

Relative:
Lower

Actual:
8 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110085
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORTESE:

Name:	SCANDIA CRAFT UPHOLSTERY
Address:	1120 9TH
City,State,Zip:	SAN MATEO, CA 94706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100714
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

AP411 **SCANDIA CRAFT UPHOLSTERY** **LUST** **S103893928**
East **1120 9TH** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94402** **HIST CORTESE**
0.475 mi. **CERS**
2509 ft. **Site 3 of 3 in cluster AP**

Relative:
Lower

Actual:
8 ft.

SAN MATEO CO. LUST:

Name:	SCANDIA CRAFT UPHOLSTERY
Address:	1120 9TH AVE
City,State,Zip:	SAN MATEO, CA

SCANDIA CRAFT UPHOLSTERY (Continued) **S103893928**

Region: SAN MATEO
Facility ID: 110085
Facility Status: 9- Case Closed
Global ID: T0608100714
APN Number: 033323050
Case Type: SAN MATEO, CA
EDR Link ID: SAN MATEO, CA

LUST:
Name: SCANDIA CRAFT UPHOLSTERY
Address: 1120 9TH
City,State,Zip: SAN MATEO, CA 94706
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100714
Global Id: T0608100714
Latitude: 37.56669
Longitude: -122.310194
Status: Completed - Case Closed
Status Date: 01/15/1998
Case Worker: Not reported
RB Case Number: 41-0754
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 110085
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100714
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100714
Action Type: ENFORCEMENT
Date: 07/21/1993
Action: Notice of Responsibility - #1

Global Id: T0608100714
Action Type: Other
Date: 05/14/1992
Action: Leak Reported

Global Id: T0608100714
Action Type: REMEDIATION
Date: 07/05/1995
Action: Excavation

LUST:

SCANDIA CRAFT UPHOLSTERY (Continued) **S103893928**

Global Id: T0608100714
Status: Open - Case Begin Date
Status Date: 05/14/1992

Global Id: T0608100714
Status: Completed - Case Closed
Status Date: 01/15/1998

San Mateo Co. BI:
Name: SCANDIACRAFT UPHOLSTERY
Address: 1120 9TH
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0023215
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026662
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

HIST CORTESE:
edr_fname: SCANDIA CRAFT UPHOLSTERY
edr_fadd1: 1120 9TH
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0754

CERS:
Name: SCANDIA CRAFT UPHOLSTERY
Address: 1120 9TH
City,State,Zip: SAN MATEO, CA 94706
Site ID: 214549
CERS ID: T0608100714
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AN412 **HONDA REPAIR** **LUST** **S101593728**
SSE **1101 RAILROAD** **N/A**
1/4-1/2 **SAN MATEO, CA 94402**
0.477 mi.
2517 ft. **Site 3 of 3 in cluster AN**

Relative: **Lower**
Actual: **18 ft.**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110073
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

AQ413 **THE TOWERS** **LUST** **S106933068**
WSW **20 WEST 3RD AVENUE** **SWEEPS UST** **N/A**
1/4-1/2 **SAN MATEO, CA 94402** **Cortese**
0.484 mi. **CERS**
2553 ft. **Site 1 of 2 in cluster AQ**

Relative: **Higher**
Actual: **38 ft.**

SAN MATEO CO. LUST:

Name:	THE TOWERS
Address:	20 W 3RD AVE
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110122
Facility Status:	9- Case Closed
Global ID:	T0608101119
APN Number:	Not reported
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

LUST:

Name:	THE TOWERS
Address:	20 WEST 3RD AVENUE
City,State,Zip:	SAN MATEO, CA 94402
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608101119
Global Id:	T0608101119
Latitude:	37.562842
Longitude:	-122.326517
Status:	Completed - Case Closed
Status Date:	09/02/1999
Case Worker:	Not reported
RB Case Number:	41-1227
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110122
Potential Media Affect:	Under Investigation

THE TOWERS (Continued) **S106933068**

Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0608101119
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608101119
Action Type: ENFORCEMENT
Date: 10/21/1998
Action: Notice of Responsibility - #1

LUST:
Global Id: T0608101119
Status: Open - Case Begin Date
Status Date: 10/21/1998

Global Id: T0608101119
Status: Completed - Case Closed
Status Date: 09/02/1999

SWEEPS UST:
Name: TOWERS ASSOCIATION
Address: 20 WEST 3RD AVE
City: SAN MATEO
Status: Active
Comp Number: 110120
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-20-94
Action Date: 04-20-94
Created Date: 01-13-94
Owner Tank Id: UNK
SWRCB Tank Id: 41-000-110120-000001
Tank Status: A
Capacity: 200
Active Date: 04-20-94
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CORTESE:
Name: THE TOWERS
Address: 20 WEST 3RD AVENUE
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported

THE TOWERS (Continued) **S106933068**

Global ID:	T0608101119
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	THE TOWERS
Address:	20 W 3RD AVE
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	75351
CERS ID:	T0608101119
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID:	75351
Site Name:	THE TOWERS
Violation Date:	10-23-2013
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 02/11/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	75351
Site Name:	THE TOWERS
Violation Date:	10-23-2013
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 02/11/2014.
Violation Division:	San Mateo County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

THE TOWERS (Continued) **S106933068**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-25-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted certified HMBP.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	02-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-29-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-31-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-14-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Certified plan was declined due to inconsistent information and updates needed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection

THE TOWERS (Continued) **S106933068**

Eval Date:	10-02-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	I met with Tatiana Shestakov to follow-up on the initial inspection report from 9/25/17. On this visit we reviewed the HMBP including the map. The plan was in the office and will be available for review .Tatiana indicated that she would keep all the environmental documents together in a binder for future inspections. The fire extinguishers and first aid kit were both located for addition to the map. The spill kit was located in the generator room. The tank is located immediately outside the building and the generator is inside the building, below grade, approximately underneath the generator tank. We discussed the training plan requirements, including documenting the training for the two managers and one doorman. Submit an updated HMBP (in the online portal) and training records to Env. Health by Oct. 25th per the last inspection report.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-17-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-22-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An aboveground diesel tank (250 gal) fuels a below grade emergency generator and fire pumps system (includes power to building and water supply). Piping to generator from tank is does not have secondary containment. Continue to inspect this piping regularly to ensure no leaks occur in the diesel fuel line in steel pipes. Tatiana is the property manager on site for the owners associate which submits the business plan. Federal hazard categories updated and HMBP certified during the inspection.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-23-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-28-2019
Violations Found:	No

THE TOWERS (Continued) **S106933068**

Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed two submissions with minor updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 75351
Site Name: THE TOWERS
Site Address: 20 W 3RD AVE
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 10-23-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 75351
Facility Name: THE TOWERS
Env Int Type Code: LUSTCS
Program ID: T0608101119
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.562842
Longitude: -122.326517

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Tatiana Shestakov
Entity Title: Property Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: THE TOWERS HOMEOWNERS ASSOC CO
Entity Title: Not reported
Affiliation Address: 20 3RD
Affiliation City: SAN MATEO
Affiliation State: CA

THE TOWERS (Continued) **S106933068**

Affiliation Country:	United States
Affiliation Zip:	94402
Affiliation Phone:	(650) 342-4269
Affiliation Type Desc:	Parent Corporation
Entity Name:	THE TOWERS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Tatiana Shestakov
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	20 W 3RD AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Tatiana Shestakov
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 342-4269
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported

THE TOWERS (Continued) **S106933068**

Affiliation Address: 2000 Alameda de las Pulgas, Suite 100
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94403
Affiliation Phone: (650) 372-6200

Affiliation Type Desc: Environmental Contact
Entity Name: Tatiana Shestakov
Entity Title: Not reported
Affiliation Address: 20 West Third Ave
Affiliation City: San Mateo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94402
Affiliation Phone: Not reported

Name: THE TOWERS
Address: 20 W 3RD AVE
City,State,Zip: SAN MATEO, CA 94402
Site ID: 75351
CERS ID: 10063918
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 75351
Site Name: THE TOWERS
Violation Date: 10-23-2013
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 02/11/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 75351
Site Name: THE TOWERS
Violation Date: 10-23-2013
Citation: 19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description: Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes: Returned to compliance on 02/11/2014.
Violation Division: San Mateo County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-25-2019
Violations Found: No

THE TOWERS (Continued) **S106933068**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted certified HMBP.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-11-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-29-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-31-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-14-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Certified plan was declined due to inconsistent information and updates needed.
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-24-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	San Mateo County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-02-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	I met with Tatiana Shestakov to follow-up on the initial inspection

THE TOWERS (Continued) **S106933068**

report from 9/25/17. On this visit we reviewed the HMBP including the map. The plan was in the office and will be available for review .Tatiana indicated that she would keep all the environmental documents together in a binder for future inspections. The fire extinguishers and first aid kit were both located for addition to the map. The spill kit was located in the generator room. The tank is located immediately outside the building and the generator is inside the building, below grade, approximately underneath the generator tank. We discussed the training plan requirements, including documenting the training for the two managers and one doorman. Submit an updated HMBP (in the online portal) and training records to Env. Health by Oct. 25th per the last inspection report.

Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-22-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: An aboveground diesel tank (250 gal) fuels a below grade emergency generator and fire pumps system (includes power to building and water supply). Piping to generator from tank is does not have secondary containment. Continue to inspect this piping regularly to ensure no leaks occur in the diesel fuel line in steel pipes. Tatiana is the property manager on site for the owners associate which submits the business plan. Federal hazard categories updated and HMBP certified during the inspection.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-28-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed two submissions with minor updates.
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP

THE TOWERS (Continued) **S106933068**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Mateo County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 75351
Site Name: THE TOWERS
Site Address: 20 W 3RD AVE
Site City: SAN MATEO
Site Zip: 94402
Enf Action Date: 10-23-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Mateo County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 75351
Facility Name: THE TOWERS
Env Int Type Code: LUSTCS
Program ID: T0608101119
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.562842
Longitude: -122.326517

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Tatiana Shestakov
Entity Title: Property Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: THE TOWERS HOMEOWNERS ASSOC CO
Entity Title: Not reported
Affiliation Address: 20 3RD
Affiliation City: SAN MATEO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94402
Affiliation Phone: (650) 342-4269

THE TOWERS (Continued) **S106933068**

Affiliation Type Desc:	Parent Corporation
Entity Name:	THE TOWERS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Tatiana Shestakov
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	20 W 3RD AVE
Affiliation City:	SAN MATEO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Tatiana Shestakov
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 342-4269

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	San Mateo County Environmental Health
Entity Title:	Not reported
Affiliation Address:	2000 Alameda de las Pulgas, Suite 100
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported

THE TOWERS (Continued) **S106933068**

Affiliation Zip:	94403
Affiliation Phone:	(650) 372-6200
Affiliation Type Desc:	Environmental Contact
Entity Name:	Tatiana Shestakov
Entity Title:	Not reported
Affiliation Address:	20 West Third Ave
Affiliation City:	San Mateo
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94402
Affiliation Phone:	Not reported

AQ414 **THE TOWERS** **LUST** **S103893877**
WSW **20 3RD** **San Mateo Co. BI** **N/A**
1/4-1/2 **SAN MATEO, CA 94402** **HIST CORTESE**
0.484 mi.
2553 ft. **Site 2 of 2 in cluster AQ**

Relative:
Higher

Actual:
38 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	110122
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	THE TOWERS
Address:	20 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0006357
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022172
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	UNDERGROUND TANK PROGRAM

Name:	THE TOWERS
Address:	20 3RD
City,State,Zip:	SAN MATEO, CA 94402
Region:	SAN MATEO
Facility ID:	FA0006357
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0023710
Description:	STORES MV FUELS OR WASTE ONLY

THE TOWERS (Continued) **S103893877**

Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

Name: THE TOWERS
Address: 20 3RD
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0006357
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068700
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

HIST CORTESE:
edr_fname: TOWERS THE
edr_fadd1: 20 3RD
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1227

AO415 **SHELL** **LUST** **S105194479**
WSW **94 EL CAMINO REAL** **N/A**
1/4-1/2 **SAN MATEO, CA 94401**
0.486 mi.
2565 ft. **Site 3 of 3 in cluster AO**

Relative:
Higher

Actual:
30 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 110020
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

416
ENE
1/2-1
0.623 mi.
3291 ft.

Relative:
Lower

Actual:
6 ft.

VICTOR CLEANERS
1464 CARY AVE
SAN MATEO, CA 94401

RCRA-SQG **1000417814**
ENVIROSTOR **CAD981623051**
FINDS
ECHO
San Mateo Co. BI
DRYCLEANERS
HWTS

RCRA-SQG:

Date Form Received by Agency:		1996-09-01 00:00:00.0
Handler Name:	VICTOR CLEANERS	
Handler Address:		1464 CARY AVE
Handler City,State,Zip:		SAN MATEO, CA 94401
EPA ID:		CAD981623051
Contact Name:		Not reported
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		2
Mailing Address:		1464 CARY AVE
Mailing City,State,Zip:		SAN MATEO, CA 94401
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline

VICTOR CLEANERS (Continued) **1000417814**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:26:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TANG VICTOR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

VICTOR CLEANERS (Continued) **1000417814**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: VICTOR CLEANERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-12-29 00:00:00.0
Handler Name: VICTOR CLEANERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: M & M ONE HR MARTINIZING
Address: 1464 CARY AVE
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 41720083
Status: Refer: Other Agency
Status Date: 07/29/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.04
NPL: NO
Regulatory Agencies: SAN MATEO COUNTY
Lead Agency: SAN MATEO COUNTY
Program Manager: Not reported

VICTOR CLEANERS (Continued) **1000417814**

Supervisor: Denise Tsuji
Division Branch: Cleanup Berkeley
Assembly: 22
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.57083
Longitude: -122.3094
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 110001193075
Alias Type: EPA (FRS #)
Alias Name: 41720083
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/15/1980
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/2003
Comments: Site screening completed. Site is inspected by the local agency.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:
Registry ID: 110001193075

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

VICTOR CLEANERS (Continued) **1000417814**

ECHO:

Envid:	1000417814
Registry ID:	110001193075
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001193075
Name:	VICTOR CLEANERS
Address:	1464 CARY AVE
City,State,Zip:	SAN MATEO, CA 94401

San Mateo Co. BI:

Name:	SNOW WHITE CLEANERS
Address:	1464 CARY
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016983
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003394
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	SNOW WHITE CLEANERS
Address:	1464 CARY
City,State,Zip:	SAN MATEO, CA 94401
Region:	SAN MATEO
Facility ID:	FA0016983
Prog Element Code:	GENERATES <27 GAL/YEAR
Record Id:	PR0010624
Description:	GENERATES <27 GAL/YEAR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

DRYCLEANERS:

Name:	AM-ASIA DRY CLEANING CENTERS
Address:	1464 CARY AVE
City,State,Zip:	SAN MATEO, CA 94401
EPA Id:	CAL000296268
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/08/2005
Facility Active:	No
Inactive Date:	06/30/2006
Facility Addr2:	Not reported
Owner Name:	VAN NGO
Owner Address:	181 SKYVIEW WAY
Owner Address 2:	Not reported
Owner Telephone:	4155739365
Contact Name:	VAN NGO
Contact Address:	181 SKYVIEW WAY
Contact Address 2:	Not reported
Contact Telephone:	4155739365
Contact Fax:	6503422987
Mailing Name:	Not reported
Mailing Address 1:	181 SKYVIEW WAY
Mailing Address 2:	Not reported

VICTOR CLEANERS (Continued) **1000417814**

Mailing City:	SAN FRANCISCO
Mailing State:	CA
Mailing Zip:	941311228
Owner Fax:	Not reported
Region Code:	2
Latitude:	37.570811
Longitude:	-122.30962

Name:	SNOW WHITE CLEANER
Address:	1464 CARY AVE
City,State,Zip:	SAN MATEO, CA 944013002
EPA Id:	CAL000327826
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	12/13/2007
Facility Active:	No
Inactive Date:	06/30/2008
Facility Addr2:	Not reported
Owner Name:	JAMES ROH
Owner Address:	1521 20TH AVE
Owner Address 2:	Not reported
Owner Telephone:	4156018667
Contact Name:	JAMES ROH
Contact Address:	1464 CARY AVE
Contact Address 2:	Not reported
Contact Telephone:	6503422987
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	1464 CARY AVE
Mailing Address 2:	Not reported
Mailing City:	SAN MATEO
Mailing State:	CA
Mailing Zip:	944013002
Owner Fax:	Not reported
Region Code:	2
Latitude:	37.570735
Longitude:	-122.309539

HWTS:

Name:	SNOW WHITE CLEANER
Address:	1464 CARY AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944013002
EPA ID:	CAL000327826
Inactive Date:	06/30/2008
Create Date:	12/13/2007
Last Act Date:	04/23/2009
Mailing Name:	Not reported
Mailing Address:	1464 CARY AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 944013002
Owner Name:	JAMES ROH
Owner Address:	1521 20TH AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941223433

VICTOR CLEANERS (Continued) **1000417814**

Contact Name: JAMES ROH
Contact Address: 1464 CARY AVE
Contact Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944013002

NAICS:
EPA ID: CAL000327826
Create Date: 2007-12-13 09:38:49.893
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2007-12-13 09:38:49.86000
Inactive Date: 2008-06-30 00:00:00
Facility Name: SNOW WHITE CLEANER
Facility Address: 1464 CARY AVE
Facility Address 2: Not reported
Facility City: SAN MATEO
Facility County: Not reported
Facility State: CA
Facility Zip: 944013002

417
North
1/2-1
0.759 mi.
4010 ft.

THE SHOREVIEW COLLECTION
220 N. BAYSHORE BOULEVARD
SAN MATEO, CA 94401

ENVIROSTOR **S118584226**
VCP **N/A**
HAZNET
NPDES
HWTS

Relative:
Lower

Actual:
8 ft.

ENVIROSTOR:
Name: SHOREVIEW COLLECTION
Address: 220 NORTH BAYSHORE BLVD..
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 60002314
Status: No Further Action
Status Date: 06/07/2017
Site Code: 202081
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.14
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Juanita (Nina) Bacey
Supervisor: Julie Pettijohn
Division Branch: Cleanup Berkeley
Assembly: , 22
Senate: , 13
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.57739
Longitude: -122.3201
APN: 033101160
Past Use: NONE
Potential COC: Chlordane Lead
Confirmed COC: 30004-NO 30013-NO
Potential Description: SOIL
Alias Name: 033101160

THE SHOREVIEW COLLECTION (Continued) **S118584226**

Alias Type: APN
Alias Name: 202081
Alias Type: Project Code (Site Code)
Alias Name: 60002314
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 06/07/2017
Comments: Pre-development grading included removal of soil with lead and pesticides. Final soil samples collected confirm no contaminates of concern above residential screening levels. Site can be redeveloped as proposed for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 03/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/07/2017
Comments: Pre-development grading included removal of soil with lead and pesticides. Final soil samples collected confirm no contaminates of concern above residential screening levels. Site can be redeveloped as proposed for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/18/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

THE SHOREVIEW COLLECTION (Continued) **S118584226**

VCP:

Name:	SHOREVIEW COLLECTION
Address:	220 NORTH BAYSHORE BLVD..
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	60002314
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.14
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Juanita (Nina) Bacey
Supervisor:	Julie Pettijohn
Division Branch:	Cleanup Berkeley
Site Code:	202081
Assembly:	, 22
Senate:	, 13
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	06/07/2017
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.57739 / -122.3201
APN:	033101160
Past Use:	NONE
Potential COC:	30004, 30013
Confirmed COC:	30004-NO,30013-NO
Potential Description:	SOIL
Alias Name:	033101160
Alias Type:	APN
Alias Name:	202081
Alias Type:	Project Code (Site Code)
Alias Name:	60002314
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/21/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Further Action Letter
Completed Date:	06/07/2017
Comments:	Pre-development grading included removal of soil with lead and pesticides. Final soil samples collected confirm no contaminates of concern above residential screening levels. Site can be redeveloped as proposed for unrestricted use.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	03/22/2016

THE SHOREVIEW COLLECTION (Continued) **S118584226**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/07/2017
Comments: Pre-development grading included removal of soil with lead and pesticides. Final soil samples collected confirm no contaminates of concern above residential screening levels. Site can be redeveloped as proposed for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/18/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:
Name: PULTE GROUP
Address: 220 N BAYSHORE BLVD
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 944011234
Contact: JACK CARNEY
Telephone: 4084222604
Mailing Name: Not reported
Mailing Address: 4511 WILLOW RD STE 8

Year: 2016
Gepaid: CAC002871448
TSD EPA ID: CAD981382732
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.61

Year: 2016
Gepaid: CAC002871448
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

THE SHOREVIEW COLLECTION (Continued) **S118584226**

Tons: 76.14

NPDES:

Name:	THE SHOREVIEW COLLECTION
Address:	220 N. BAYSHORE BOULEVARD
City,State,Zip:	SAN MATEO, CA 94401
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Returned
Status Date:	06/24/2017
Operator Name:	City Ventures Homebuilding Inc
Operator Address:	3121 Michelson Dr
Operator City:	Irvine
Operator State:	California
Operator Zip:	92612

HWTS:

Name:	PULTE GROUP
Address:	220 N BAYSHORE BLVD
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 944011234
EPA ID:	CAC002871448
Inactive Date:	10/29/2016
Create Date:	07/29/2016
Last Act Date:	10/29/2016
Mailing Name:	Not reported
Mailing Address:	4511 WILLOW RD STE 8
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PLEASANTON, CA 945882735
Owner Name:	PULTE GROUP
Owner Address:	4511 WILLOW RD STE 8
Owner Address 2:	Not reported
Owner City,State,Zip:	PLEASANTON, CA 945882735
Contact Name:	JACK CARNEY
Contact Address:	4511 WILLOW RD STE 8
Contact Address 2:	Not reported
City,State,Zip:	PLEASANTON, CA 945882735

418
NW
1/2-1
0.785 mi.
4146 ft.

TOP HAT CLEANERS
368 N ELLSWORTH AVE
SAN MATEO, CA 94401

ENVIROSTOR **S118756935**
N/A

Relative:
Higher

Actual:
24 ft.

ENVIROSTOR:

Name:	TOP HAT CLEANERS
Address:	368 N ELLSWORTH AVE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	41720092
Status:	No Action Required
Status Date:	01/13/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.03
NPL:	NO
Regulatory Agencies:	SAN MATEO COUNTY
Lead Agency:	SAN MATEO COUNTY
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	22
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.57278
Longitude:	-122.3310
APN:	NONE SPECIFIED
Past Use:	DRY CLEANING
Potential COC:	Tetrachloroethylene (PCE
Confirmed COC:	30022-NO
Potential Description:	OTH, SOIL
Alias Name:	110001156454
Alias Type:	EPA (FRS #)
Alias Name:	41720092
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	10/15/1980
Comments:	FACILITY IDENTIFIED ACTIVE SITE ID'D BY DRIVE BY
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/13/2003
Comments:	No action determination.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported

TOP HAT CLEANERS (Continued) **S118756935**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

419
NNW
1/2-1
0.829 mi.
4379 ft.

NEW NORTH CENTRAL ELEMENTARY SCHOOL
715 INDIAN AVENUE
SAN MATEO, CA 94401

ENVIROSTOR
SCH
HAZNET
CERS
HWTS

S113770614
N/A

Relative:
Lower

Actual:
8 ft.

ENVIROSTOR:
Name: NEW NORTH CENTRAL ELEMENTARY SCHOOL
Address: 715 INDIAN AVENUE
City,State,Zip: SAN MATEO, CA 94401
Facility ID: 60002653
Status: Active
Status Date: 05/09/2018
Site Code: 204301
Site Type: School Investigation
Site Type Detailed: School
Acres: 3.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Elizabeth Tisdale
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: , 22
Senate: , 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.57820
Longitude: -122.3263
APN: 033-041-050
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 033-041-050
Alias Type: APN
Alias Name: 204301
Alias Type: Project Code (Site Code)
Alias Name: 60002653
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 05/10/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2018

NEW NORTH CENTRAL ELEMENTARY SCHOOL (Continued) **S113770614**

Comments:	On May 18, 2018, DTSC received the Phase I for background information. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/27/2018
Comments:	On November 27, 2018, DTSC approved the final PEA Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	06/19/2018
Comments:	Fully executed EOA sent to District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	06/08/2018
Comments:	On June 8, 2018, the PEA scoping meeting was held.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/05/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	01/11/2019
Comments:	On 11 January 2019, DTSC approved the Additional Characterization via email.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/03/2018
Comments:	On 3 December 2018, DTSC conducted oversight of the PEA fieldwork.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Preliminary Endangerment Assessment Report
Schedule Due Date:	07/31/2019
Schedule Revised Date:	Not reported

SCH:

Name:	NEW NORTH CENTRAL ELEMENTARY SCHOOL
Address:	715 INDIAN AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Facility ID:	60002653
Site Type:	School Investigation

NEW NORTH CENTRAL ELEMENTARY SCHOOL (Continued) **S113770614**

Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Elizabeth Tisdale
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204301
Assembly:	, 22
Senate:	, 13
Special Program Status:	Not reported
Status:	Active
Status Date:	05/09/2018
Restricted Use:	NO
Funding:	School District
Latitude:	37.57820
Longitude:	-122.3263
APN:	033-041-050
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	033-041-050
Alias Type:	APN
Alias Name:	204301
Alias Type:	Project Code (Site Code)
Alias Name:	60002653
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	05/10/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/18/2018
Comments:	On May 18, 2018, DTSC received the Phase I for background information. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/27/2018
Comments:	On November 27, 2018, DTSC approved the final PEA Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	06/19/2018
Comments:	Fully executed EOA sent to District.

NEW NORTH CENTRAL ELEMENTARY SCHOOL (Continued) **S113770614**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2018
Comments: On June 8, 2018, the PEA scoping meeting was held.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/05/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2019
Comments: On 11 January 2019, DTSC approved the Additional Characterization via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/03/2018
Comments: On 3 December 2018, DTSC conducted oversight of the PEA fieldwork.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 07/31/2019
Schedule Revised Date: Not reported

HAZNET:
Name: COLLEGE PARK ELEMENTARY/SAN MATEO FOSTER CITY USD
Address: 715 INDIAN AVE
Address 2: Not reported
City,State,Zip: SAN MATEO, CA 94401
Contact: ALEX KRISTAL
Telephone: 6503127690
Mailing Name: Not reported
Mailing Address: 1410 S AMPHLETT BLVD

Year: 2012
Gepaid: CAC002677649
TSD EPA ID: CAD981382732
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 26

Additional Info:
Year: 2012

NEW NORTH CENTRAL ELEMENTARY SCHOOL (Continued) **S113770614**

Gen EPA ID:	CAC002677649
Shipment Date:	20120611
Creation Date:	8/7/2012 22:15:19
Receipt Date:	20120611
Manifest ID:	007491378JJK
Trans EPA ID:	CAL000317320
Trans Name:	UNI WASTE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	6
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120322
Creation Date:	5/5/2012 20:30:13
Receipt Date:	20120322
Manifest ID:	007491355JJK
Trans EPA ID:	CAL000317320
Trans Name:	UNI WASTE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120208
Creation Date:	3/28/2012 20:30:25
Receipt Date:	20120208
Manifest ID:	007491344JJK
Trans EPA ID:	CAL000317320

NEW NORTH CENTRAL ELEMENTARY SCHOOL (Continued) **S113770614**

Trans Name:	UNI WASTE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120112
Creation Date:	3/27/2012 20:30:43
Receipt Date:	20120112
Manifest ID:	007491327JJK
Trans EPA ID:	CAL000317320
Trans Name:	UNI WASTE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981382732
Trans Name:	ALTAMONT LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	16
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	NEW NORTH CENTRAL EL
Address:	715 INDIAN AVENUE
City,State,Zip:	SAN MATEO, CA 94401
Site ID:	438024
CERS ID:	60002653
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	Elizabeth Tisdale
Entity Title:	Not reported

NEW NORTH CENTRAL ELEMENTARY SCHOOL (Continued) **S113770614**

Affiliation Address:	Not reported
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Supervisor
Entity Name:	JOSE SALCEDO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HWTS:

Name:	COLLEGE PARK ELEMENTARY/SAN MATEO FOSTER CITY USD
Address:	715 INDIAN AVE
Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94401
EPA ID:	CAC002677649
Inactive Date:	04/11/2012
Create Date:	10/13/2011
Last Act Date:	10/13/2011
Mailing Name:	Not reported
Mailing Address:	1410 S AMPHLETT BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MATEO, CA 94402
Owner Name:	SAN MATEO FOSTER CITY USD
Owner Address:	1410 S AMPHLETT BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MATEO, CA 94402
Contact Name:	ALEX KRISTAL
Contact Address:	1410 S AMPHLETT BLVD
Contact Address 2:	Not reported
City,State,Zip:	SAN MATEO, CA 94402

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420 **PACIFIC INSULATION** **LUST** **S100270143**
SSE **149 SOUTH** **Cortese** **N/A**
1/2-1 **SAN MATEO, CA 94401** **HIST CORTESE**
0.858 mi. **Notify 65**
4530 ft. **CERS**

Relative:
Lower

Actual:
12 ft.

SAN MATEO CO. LUST:

Name:	PACIFIC INSULATION
Address:	149 SOUTH BLVD
City,State,Zip:	SAN MATEO, CA
Region:	SAN MATEO
Facility ID:	110061
Facility Status:	9- Case Closed
Global ID:	T0608100381
APN Number:	035212210
Case Type:	SAN MATEO, CA
EDR Link ID:	SAN MATEO, CA

PACIFIC INSULATION (Continued) **S100270143**

LUST:

Name:	PACIFIC INSULATION
Address:	149 SOUTH
City,State,Zip:	SAN MATEO, CA 94401
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100381
Global Id:	T0608100381
Latitude:	37.5546995754361
Longitude:	-122.311670780182
Status:	Completed - Case Closed
Status Date:	09/16/2014
Case Worker:	Not reported
RB Case Number:	41-0400
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	110061
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

LUST:

Global Id:	T0608100381
Action Type:	RESPONSE
Date:	08/15/2011
Action:	Soil and Water Investigation Report
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	05/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	05/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	11/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	02/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	11/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0608100381
Action Type:	RESPONSE

PACIFIC INSULATION (Continued) **S100270143**

Date: 12/02/2003
Action: Other Workplan

Global Id: T0608100381
Action Type: RESPONSE
Date: 06/11/2004
Action: Other Report / Document

Global Id: T0608100381
Action Type: RESPONSE
Date: 09/14/2004
Action: Other Workplan

Global Id: T0608100381
Action Type: RESPONSE
Date: 12/29/2004
Action: Other Workplan

Global Id: T0608100381
Action Type: RESPONSE
Date: 08/18/2005
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100381
Action Type: RESPONSE
Date: 01/04/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100381
Action Type: RESPONSE
Date: 03/22/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100381
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 01/01/2012
Action: Correspondence

Global Id: T0608100381
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100381
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100381
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

PACIFIC INSULATION (Continued) **S100270143**

Global Id:	T0608100381
Action Type:	RESPONSE
Date:	02/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	05/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	08/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	11/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	02/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0608100381
Action Type:	ENFORCEMENT
Date:	05/12/2011
Action:	Staff Letter - #20110512
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	04/15/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	11/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	12/15/2010
Action:	Site Assessment Report - Regulator Responded
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	01/15/2014
Action:	Well Destruction Report - Regulator Responded
Global Id:	T0608100381
Action Type:	RESPONSE
Date:	10/01/2013
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0608100381
Action Type:	ENFORCEMENT

PACIFIC INSULATION (Continued) **S100270143**

Date: 07/16/2010
Action: Staff Letter - #20100716

Global Id: T0608100381
Action Type: RESPONSE
Date: 05/09/2008
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 10/23/1991
Action: Notice of Responsibility - #1

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 08/20/2004
Action: Staff Letter - #20040820

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 02/11/2004
Action: Staff Letter - #20040211

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 01/15/2008
Action: Staff Letter - #20080115

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 03/28/2003
Action: Staff Letter - #20030328

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 01/25/2006
Action: Staff Letter - #20060125

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 06/23/2005
Action: Staff Letter - #20050623

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 11/02/2005
Action: Staff Letter - #20051102

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 10/02/2003
Action: Staff Letter - #20031002

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 07/20/2004
Action: Staff Letter - #20040720

PACIFIC INSULATION (Continued) **S100270143**

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 12/01/2011
Action: Staff Letter - #20111201

Global Id: T0608100381
Action Type: Other
Date: 10/24/1991
Action: Leak Discovery

Global Id: T0608100381
Action Type: Other
Date: 09/26/1991
Action: Leak Stopped

Global Id: T0608100381
Action Type: Other
Date: 10/02/1991
Action: Leak Reported

Global Id: T0608100381
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 09/13/2013
Action: Staff Letter - #20130913

Global Id: T0608100381
Action Type: RESPONSE
Date: 06/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 06/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE

PACIFIC INSULATION (Continued) **S100270143**

Date: 10/30/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608100381
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 06/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: RESPONSE
Date: 06/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100381
Action Type: REMEDIATION
Date: 09/22/1992
Action: Excavation

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 07/09/2013
Action: Notification - Public Notice of Case Closure - #20130709

Global Id: T0608100381
Action Type: RESPONSE
Date: 08/16/2010
Action: Electronic Reporting Submittal Due

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 10/23/2013
Action: Staff Letter - #20131023

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 06/18/2009
Action: Staff Letter - #20090618

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: Staff Letter - #20090713

Global Id: T0608100381
Action Type: ENFORCEMENT
Date: 09/16/2014
Action: Closure/No Further Action Letter - #20140916

LUST:
Global Id: T0608100381
Status: Open - Case Begin Date
Status Date: 09/26/1991

PACIFIC INSULATION (Continued) **S100270143**

Global Id: T0608100381
Status: Open - Site Assessment
Status Date: 09/26/1991

Global Id: T0608100381
Status: Open - Remediation
Status Date: 06/18/2009

Global Id: T0608100381
Status: Open - Eligible for Closure
Status Date: 06/18/2013

Global Id: T0608100381
Status: Completed - Case Closed
Status Date: 09/16/2014

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 110061
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: PACIFIC INSULATION
Address: 149 SOUTH
City,State,Zip: SAN MATEO, CA 94401
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100381
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported

PACIFIC INSULATION (Continued) **S100270143**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: PACIFIC INSULATION
edr_fadd1: 149 SOUTH
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0400

NOTIFY 65:
Name: PACIFIC INSULATION
Address: 149 SOUTH BLVD
City,State,Zip: SAN MATEO, CA 94402
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

CERS:
Name: PACIFIC INSULATION
Address: 149 SOUTH
City,State,Zip: SAN MATEO, CA 94401
Site ID: 260195
CERS ID: T0608100381
CERS Description: Leaking Underground Storage Tank Cleanup Site

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421
SE
1/2-1
0.979 mi.
5167 ft.

Relative:
Lower

Actual:
8 ft.

K MART
1700 DELAWARE
SAN MATEO, CA 94402

LUST **U000054155**
San Mateo Co. BI **N/A**
Cortese
HIST CORTESE
Notify 65
CERS

LUST:
Name: K MART STORE #3595
Address: 1700 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94402
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100289
Global Id: T0608100289
Latitude: 37.554367
Longitude: -122.308221
Status: Completed - Case Closed
Status Date: 12/06/2001
Case Worker: Not reported
RB Case Number: 41-0303

K MART (Continued) **U000054155**

Local Agency: Not reported
File Location: Local Agency Warehouse
Local Case Number: 110046
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0608100289
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100289
Action Type: ENFORCEMENT
Date: 08/09/1990
Action: Notice of Responsibility - #1

Global Id: T0608100289
Action Type: Other
Date: 06/12/1989
Action: Leak Discovery

Global Id: T0608100289
Action Type: Other
Date: 06/13/1989
Action: Leak Reported

LUST:
Global Id: T0608100289
Status: Open - Case Begin Date
Status Date: 06/12/1989

Global Id: T0608100289
Status: Completed - Case Closed
Status Date: 12/06/2001

San Mateo Co. BI:
Name: KMART #3595
Address: 1700 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0001958
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0059439
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: KMART #3595

K MART (Continued) **U000054155**

Address: 1700 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0001958
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0068671
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: KMART #3595
Address: 1700 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: SAN MATEO
Facility ID: FA0001958
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0059438
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: K MART STORE #3595
Address: 1700 SOUTH DELAWARE STREET
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100289
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: K MART
edr_fadd1: 1700 DELAWARE
City,State,Zip: SAN MATEO, CA 94402
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0303

K MART (Continued) **U000054155**

NOTIFY 65:

Name:	KMART STORE #3595
Address:	1700 DELAWARE
City,State,Zip:	SAN MATEO, CA 92392
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CERS:

Name:	K MART STORE #3595
Address:	1700 SOUTH DELAWARE STREET
City,State,Zip:	SAN MATEO, CA 94402
Site ID:	243406
CERS ID:	T0608100289
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/05/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/05/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/14/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 77

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/04/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 87

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 81

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/05/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/04/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 74

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 78

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/12/2021
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/19/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 07/02/2021
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 2

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 04/22/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/12/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 81

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 73

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2021
Next Scheduled EDR Contact: 11/28/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 07/15/2021
Number of Days to Update: 77

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/29/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 4
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 06/07/2021
Number of Days to Update: 19
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/21/2021
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/02/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: No Update Planned

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 09/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 20

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/28/2021
Number of Days to Update: 78

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

524 E. 4TH AVENUE
524 E. 4TH AVENUE
SAN MATEO, CA 94402

TARGET PROPERTY COORDINATES

Latitude (North):	37.565939 - 37° 33' 57.38''
Longitude (West):	122.319178 - 122° 19' 9.04''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	560126.8
UTM Y (Meters):	4157670.0
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640626 SAN MATEO, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

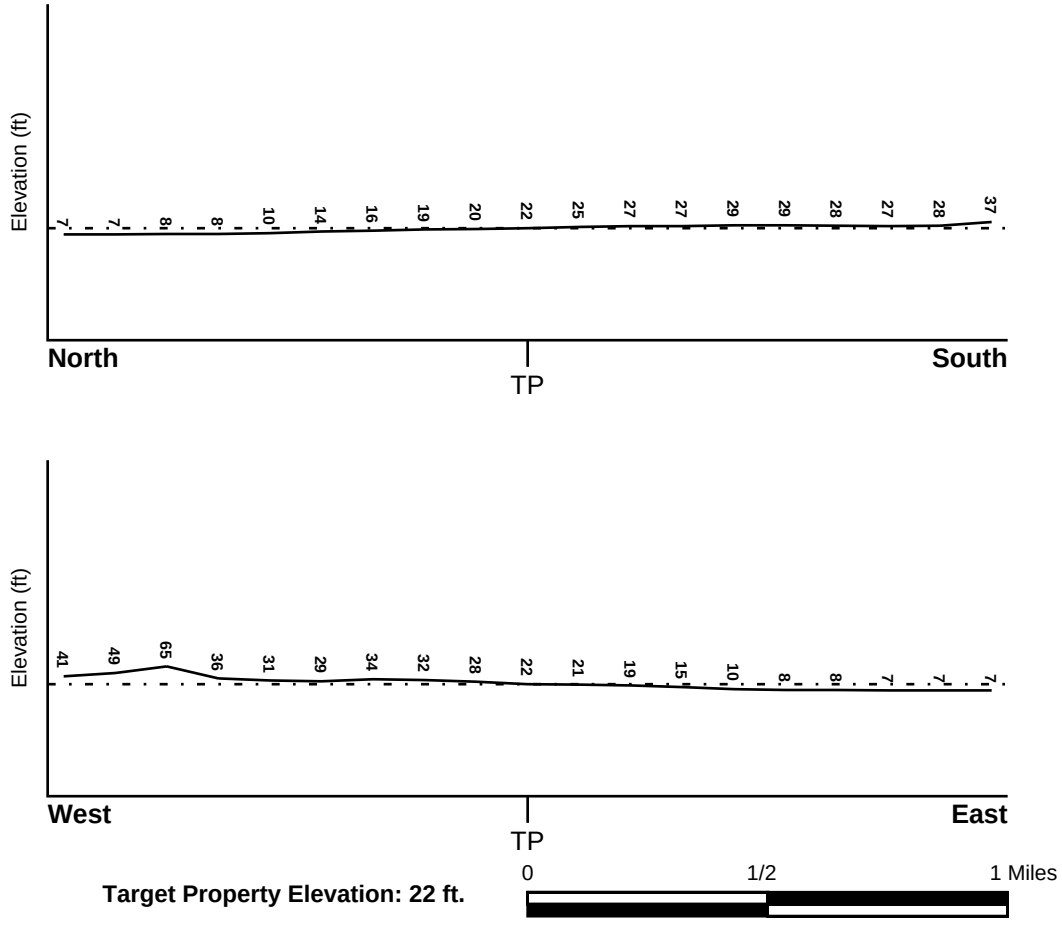
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 22 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06081C0154F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06081C0158F	FEMA FIRM Flood data
06081C0162F	FEMA FIRM Flood data
06081C0166F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN MATEO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A20	0 - 1/8 Mile West	ESE
A21	0 - 1/8 Mile WNW	S
A24	0 - 1/8 Mile WNW	E
A35	0 - 1/8 Mile NNE	E
62	0 - 1/8 Mile West	Not Reported
C65	0 - 1/8 Mile NW	SE

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
C68	0 - 1/8 Mile NW	E
C80	0 - 1/8 Mile North	E
C84	0 - 1/8 Mile North	E
93	1/8 - 1/4 Mile WNW	ENE
F94	1/8 - 1/4 Mile SW	Not Reported
E95	1/8 - 1/4 Mile NNE	WSW
F96	1/8 - 1/4 Mile SSW	Not Reported
F97	1/4 - 1/2 Mile SSW	Not Reported
G98	1/4 - 1/2 Mile South	NE
G99	1/4 - 1/2 Mile South	NE
H100	1/4 - 1/2 Mile SSE	N
I101	1/4 - 1/2 Mile West	NE
H103	1/4 - 1/2 Mile SSE	N
M112	1/4 - 1/2 Mile West	E
M158	1/4 - 1/2 Mile West	NNW
P159	1/4 - 1/2 Mile East	E
P185	1/4 - 1/2 Mile East	NE
Q198	1/4 - 1/2 Mile WSW	ENE
Q199	1/4 - 1/2 Mile WSW	ESE
Q200	1/4 - 1/2 Mile WSW	ESE
202	1/2 - 1 Mile WSW	W
T203	1/2 - 1 Mile East	Not Reported
S204	1/2 - 1 Mile North	ENE
U230	1/2 - 1 Mile NE	NNW
V231	1/2 - 1 Mile East	E
V269	1/2 - 1 Mile East	E
Z280	1/2 - 1 Mile SW	NE
Z281	1/2 - 1 Mile SW	E
Z282	1/2 - 1 Mile SW	E
Z283	1/2 - 1 Mile SW	E
Y284	1/2 - 1 Mile SE	N
AA285	1/2 - 1 Mile SE	SW
303	1/2 - 1 Mile NW	NE
AE305	1/2 - 1 Mile WNW	E
AH412	1/2 - 1 Mile SSE	E
AH413	1/2 - 1 Mile SSE	E
AH425	1/2 - 1 Mile SSE	NE
AJ431	1/2 - 1 Mile SSE	ENE
436	1/2 - 1 Mile SE	NNE
1G	1/2 - 1 Mile NW	NE
2G	1/2 - 1 Mile North	ENE
3G	1/2 - 1 Mile NE	NNW
4G	1/2 - 1 Mile WNW	E
5G	1/8 - 1/4 Mile NNE	WSW
6G	0 - 1/8 Mile North	E
7G	0 - 1/8 Mile North	E
8G	1/8 - 1/4 Mile WNW	ENE
9G	1/4 - 1/2 Mile East	NE
10G	0 - 1/8 Mile NW	SE
11G	0 - 1/8 Mile NW	E
12G	0 - 1/8 Mile NNE	E
13G	1/4 - 1/2 Mile West	NE
14G	1/4 - 1/2 Mile West	NNW
15G	0 - 1/8 Mile WNW	S
16G	1/4 - 1/2 Mile East	E
17G	0 - 1/8 Mile WNW	E

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
18G	0 - 1/8 Mile West	ESE
19G	0 - 1/8 Mile West	Not Reported
20G	1/2 - 1 Mile East	E
21G	1/2 - 1 Mile East	E
22G	1/4 - 1/2 Mile West	E
23G	1/2 - 1 Mile East	Not Reported
24G	1/2 - 1 Mile WSW	W
25G	1/8 - 1/4 Mile SW	Not Reported
26G	1/4 - 1/2 Mile WSW	ESE
27G	1/4 - 1/2 Mile WSW	ESE
28G	1/4 - 1/2 Mile WSW	ENE
29G	1/8 - 1/4 Mile SSW	Not Reported
30G	1/4 - 1/2 Mile SSW	Not Reported
31G	1/4 - 1/2 Mile SSE	N
32G	1/4 - 1/2 Mile South	NE
33G	1/4 - 1/2 Mile South	NE
34G	1/4 - 1/2 Mile SSE	N
35G	1/2 - 1 Mile SW	NE
36G	1/2 - 1 Mile SW	E
37G	1/2 - 1 Mile SW	E
38G	1/2 - 1 Mile SW	E
39G	1/2 - 1 Mile SE	N
40G	1/2 - 1 Mile SE	SW
41G	1/2 - 1 Mile SE	NNE
42G	1/2 - 1 Mile SSE	E
43G	1/2 - 1 Mile SSE	E
45G	1/2 - 1 Mile SSE	NE
46G	1/2 - 1 Mile SSE	ENE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

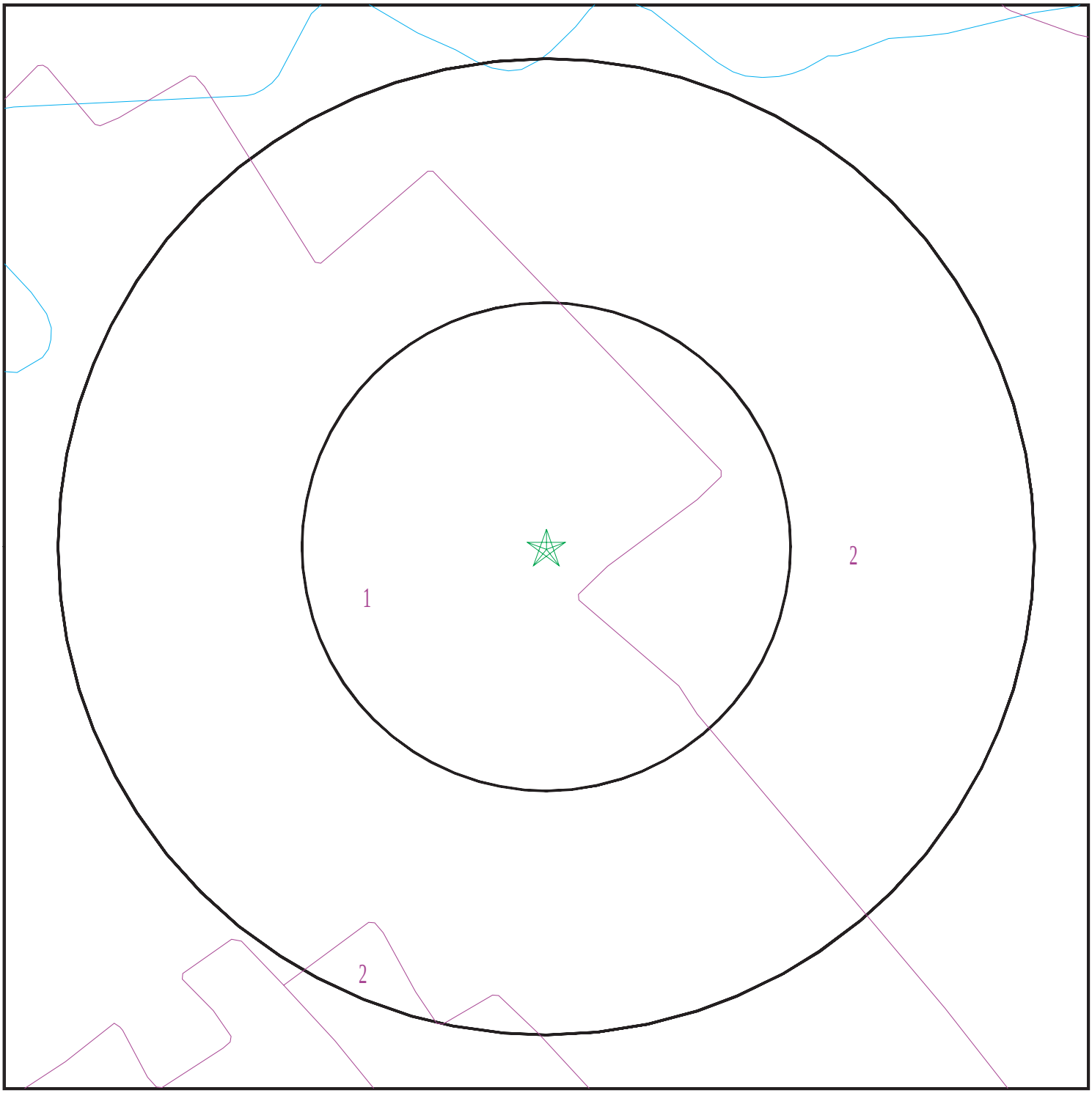
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6629448.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	524 E. 4th Avenue	CLIENT:	PES Environmental, Inc.
ADDRESS:	524 E. 4th Avenue San Mateo CA 94402	CONTACT:	Julie Turnross
LAT/LONG:	37.565939 / 122.319178	INQUIRY #:	6629448.2s
		DATE:	August 20, 2021 3:30 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
J127	USGS40000183788	1/4 - 1/2 Mile SSW
L142	USGS40000183813	1/4 - 1/2 Mile WSW
L143	USGS40000183814	1/4 - 1/2 Mile WSW
S201	USGS40000183875	1/4 - 1/2 Mile North
271	USGS40000183886	1/2 - 1 Mile North
302	USGS40000183893	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L126	CA4100569	1/4 - 1/2 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000045667	0 - 1/8 Mile South
A2	CAEDF0000022351	0 - 1/8 Mile South
A3	CAEDF0000079605	0 - 1/8 Mile SSE
A4	CAEDF0000091306	0 - 1/8 Mile North
A5	CAEDF0000035712	0 - 1/8 Mile North
A6	CAEDF0000140424	0 - 1/8 Mile SW
A7	CAEDF0000070690	0 - 1/8 Mile NNE
A8	CAEDF0000129213	0 - 1/8 Mile East
A9	CAEDF0000120916	0 - 1/8 Mile East
A10	CAEDF0000118023	0 - 1/8 Mile East
A11	CAEDF0000090823	0 - 1/8 Mile SSE
A12	CAEDF0000093388	0 - 1/8 Mile ESE
A13	CAEDF0000110268	0 - 1/8 Mile East
A14	CAEDF0000087940	0 - 1/8 Mile ESE
A15	CAEDF0000011793	0 - 1/8 Mile ENE
A16	CAEDF0000083073	0 - 1/8 Mile NE
A17	CAEDF0000021104	0 - 1/8 Mile NNW
A18	CAEDF0000052716	0 - 1/8 Mile East
A19	CAEDF0000101393	0 - 1/8 Mile SW
A22	CAEDF0000094993	0 - 1/8 Mile East
A23	CAEDF0000128780	0 - 1/8 Mile East
A25	CAEDF0000000940	0 - 1/8 Mile NNE
A26	CAEDF0000116356	0 - 1/8 Mile NW
A27	CAEDF0000111942	0 - 1/8 Mile SE
A28	CAEDF0000095430	0 - 1/8 Mile East
A29	CAEDF0000036425	0 - 1/8 Mile East
A30	CAEDF0000037522	0 - 1/8 Mile NNW
A31	CAEDF0000003792	0 - 1/8 Mile NNE
A32	CAEDF0000068046	0 - 1/8 Mile North
A33	CAEDF0000075640	0 - 1/8 Mile WSW
A34	CAEDF0000109313	0 - 1/8 Mile ESE
A36	CAEDF0000065872	0 - 1/8 Mile NNW
A37	CAEDF0000112011	0 - 1/8 Mile ESE
A38	CAEDF0000031514	0 - 1/8 Mile ESE
A39	CAEDF0000062804	0 - 1/8 Mile East
A40	CAEDF0000125863	0 - 1/8 Mile NNE
A41	CAEDF0000072318	0 - 1/8 Mile East
A42	CAEDF0000082596	0 - 1/8 Mile NNW
A43	CAEDF0000065417	0 - 1/8 Mile NNW
A44	CAEDF0000097386	0 - 1/8 Mile NE
A45	CAEDF0000140634	0 - 1/8 Mile NW
A46	CAEDF0000108945	0 - 1/8 Mile NE
B47	CAEDF0000118355	0 - 1/8 Mile NE
A48	CAEDF0000045726	0 - 1/8 Mile WSW
B49	CAEDF0000136670	0 - 1/8 Mile NNE
B50	CAEDF0000067851	0 - 1/8 Mile NNE
C51	CAEDF0000142856	0 - 1/8 Mile NNW
C52	CAEDF0000061014	0 - 1/8 Mile NW
B53	CAEDF0000118547	0 - 1/8 Mile ENE
B54	CAEDF0000096936	0 - 1/8 Mile NE
B55	CAEDF0000067182	0 - 1/8 Mile NE
C56	CAEDF0000135311	0 - 1/8 Mile NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C57	CAEDF0000031756	0 - 1/8 Mile NNW
C58	CAEDF0000039944	0 - 1/8 Mile NW
B59	CAEDF0000059295	0 - 1/8 Mile NE
B60	CAEDF0000138026	0 - 1/8 Mile NE
B61	CAEDF0000044415	0 - 1/8 Mile NE
B63	CAEDF0000015373	0 - 1/8 Mile North
B64	CAEDF0000018635	0 - 1/8 Mile NE
B66	CAEDF0000054834	0 - 1/8 Mile NE
C67	CAEDF0000074646	0 - 1/8 Mile NNW
69	CAEDF0000048019	0 - 1/8 Mile East
B70	CAEDF0000022602	0 - 1/8 Mile NE
C71	CAEDF0000088537	0 - 1/8 Mile NW
C72	CAEDF0000135534	0 - 1/8 Mile NNW
B73	CAEDF0000079115	0 - 1/8 Mile North
C74	CAEDF0000119857	0 - 1/8 Mile NNW
B75	CAEDF0000116761	0 - 1/8 Mile NE
C76	CAEDF0000023199	0 - 1/8 Mile NNW
B77	CAEDF0000095683	0 - 1/8 Mile NE
C78	CAEDF0000110327	0 - 1/8 Mile NNW
C79	CAEDF0000004552	0 - 1/8 Mile NNW
C81	CAEDF0000080815	0 - 1/8 Mile NNW
C82	CAEDF0000003121	0 - 1/8 Mile North
C83	CAEDF0000084630	0 - 1/8 Mile NNW
D85	CAEDF0000051028	0 - 1/8 Mile North
C86	CAEDF0000053596	0 - 1/8 Mile North
C87	CAEDF0000139121	1/8 - 1/4 Mile NNW
D88	CAEDF0000118354	1/8 - 1/4 Mile North
B89	CAEDF0000013056	1/8 - 1/4 Mile NE
D90	CAEDF0000012173	1/8 - 1/4 Mile North
E91	CAEDF0000118233	1/8 - 1/4 Mile NE
E92	CAEDF0000031435	1/8 - 1/4 Mile NE
J102	CADWR9000036334	1/4 - 1/2 Mile SSW
I104	CAEDF0000003855	1/4 - 1/2 Mile WNW
K105	CAEDF0000046260	1/4 - 1/2 Mile WNW
I106	CAEDF0000101841	1/4 - 1/2 Mile WNW
K107	CAEDF0000063488	1/4 - 1/2 Mile WNW
I108	CAEDF0000035149	1/4 - 1/2 Mile WNW
I109	CAEDF0000089296	1/4 - 1/2 Mile WNW
K110	CAEDF0000098644	1/4 - 1/2 Mile WNW
L111	CAEDF0000042401	1/4 - 1/2 Mile WSW
L113	CAEDF0000050722	1/4 - 1/2 Mile WSW
I114	CAEDF0000042291	1/4 - 1/2 Mile WNW
I115	CAEDF0000072506	1/4 - 1/2 Mile WNW
I116	CAEDF0000103786	1/4 - 1/2 Mile WNW
I117	CAEDF0000080342	1/4 - 1/2 Mile WNW
I118	CAEDF0000072542	1/4 - 1/2 Mile WNW
N119	CAEDF0000079737	1/4 - 1/2 Mile WNW
I120	CAEDF0000142693	1/4 - 1/2 Mile WNW
I121	CAEDF0000045246	1/4 - 1/2 Mile WNW
N122	CAEDF0000094454	1/4 - 1/2 Mile WNW
N123	CAEDF0000095598	1/4 - 1/2 Mile WNW
N124	CAEDF0000046863	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
N125	CAEDF0000077349	1/4 - 1/2 Mile WNW
J128	CAUSGSN00002947	1/4 - 1/2 Mile SSW
J129	CAUSGS000000587	1/4 - 1/2 Mile SSW
K130	CAEDF0000097755	1/4 - 1/2 Mile WNW
K131	CAEDF0000140423	1/4 - 1/2 Mile NW
N132	CAEDF0000133708	1/4 - 1/2 Mile WNW
L133	CAEDF0000082757	1/4 - 1/2 Mile WSW
L134	CAEDF0000125285	1/4 - 1/2 Mile WSW
L135	CAEDF0000018900	1/4 - 1/2 Mile WSW
K136	CAEDF0000017084	1/4 - 1/2 Mile WNW
L137	CAEDF0000092783	1/4 - 1/2 Mile WSW
L138	CAEDF0000128358	1/4 - 1/2 Mile WSW
L139	CAEDF0000049269	1/4 - 1/2 Mile WSW
L140	CAEDF0000087817	1/4 - 1/2 Mile WSW
L141	CAEDF0000130915	1/4 - 1/2 Mile WSW
L144	CAEDF0000007180	1/4 - 1/2 Mile WSW
L145	CAEDF0000040049	1/4 - 1/2 Mile WSW
L146	CAEDF0000007962	1/4 - 1/2 Mile WSW
L147	CAEDF0000015737	1/4 - 1/2 Mile WSW
L148	CAEDF0000058452	1/4 - 1/2 Mile WSW
L149	CAEDF0000064482	1/4 - 1/2 Mile WSW
L150	CAEDF0000052349	1/4 - 1/2 Mile WSW
K151	CAEDF0000014896	1/4 - 1/2 Mile NW
L152	CAEDF0000121157	1/4 - 1/2 Mile WSW
L153	CAEDF0000143746	1/4 - 1/2 Mile WSW
K154	CAEDF0000118335	1/4 - 1/2 Mile NW
O155	CAEDF0000042713	1/4 - 1/2 Mile NW
L156	CAEDF0000016939	1/4 - 1/2 Mile WSW
L157	CAEDF0000023074	1/4 - 1/2 Mile WSW
L160	CAEDF0000033211	1/4 - 1/2 Mile WSW
L161	CAEDF0000135487	1/4 - 1/2 Mile WSW
K162	CAEDF0000012758	1/4 - 1/2 Mile NW
L163	CAEDF0000062770	1/4 - 1/2 Mile WSW
L164	CAEDF0000052523	1/4 - 1/2 Mile WSW
L165	CAEDF0000106700	1/4 - 1/2 Mile WSW
L166	CAEDF0000103690	1/4 - 1/2 Mile WSW
L167	CAEDF0000067632	1/4 - 1/2 Mile WSW
L168	CAEDF0000066062	1/4 - 1/2 Mile WSW
L169	CAEDF0000123946	1/4 - 1/2 Mile WSW
L170	CAEDF0000096921	1/4 - 1/2 Mile WSW
L171	CAEDF0000083356	1/4 - 1/2 Mile WSW
L172	CAEDF0000103622	1/4 - 1/2 Mile WSW
L173	CAEDF0000072594	1/4 - 1/2 Mile WSW
L174	CAEDF0000039589	1/4 - 1/2 Mile WSW
L175	CAEDF0000125973	1/4 - 1/2 Mile WSW
L176	CAEDF0000081519	1/4 - 1/2 Mile WSW
O177	CAEDF0000075516	1/4 - 1/2 Mile NW
L178	CAEDF0000044788	1/4 - 1/2 Mile WSW
L179	CAEDF0000126693	1/4 - 1/2 Mile WSW
L180	CAEDF0000122984	1/4 - 1/2 Mile WSW
L181	CAEDF0000105959	1/4 - 1/2 Mile WSW
L182	CAEDF0000048762	1/4 - 1/2 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L183	CAEDF0000056312	1/4 - 1/2 Mile WSW
L184	CAEDF0000103840	1/4 - 1/2 Mile WSW
L186	CAEDF0000057585	1/4 - 1/2 Mile WSW
L187	CAEDF0000112269	1/4 - 1/2 Mile WSW
L188	CAEDF0000004486	1/4 - 1/2 Mile WSW
L189	CAEDF0000021284	1/4 - 1/2 Mile WSW
L190	CAEDF0000127897	1/4 - 1/2 Mile WSW
Q191	CAEDF0000079662	1/4 - 1/2 Mile WSW
L192	CAEDF0000020773	1/4 - 1/2 Mile WSW
R193	CAEDF0000120109	1/4 - 1/2 Mile NNE
Q194	CAEDF0000128389	1/4 - 1/2 Mile WSW
Q195	CAEDF0000121263	1/4 - 1/2 Mile WSW
R196	CAEDF0000130808	1/4 - 1/2 Mile NNE
R197	CAEDF0000108707	1/4 - 1/2 Mile NNE
U205	CAEDF0000002808	1/2 - 1 Mile NE
T206	CAEDF0000080107	1/2 - 1 Mile East
T207	CAEDF0000000912	1/2 - 1 Mile East
T208	CAEDF0000073957	1/2 - 1 Mile East
T209	CAEDF0000048846	1/2 - 1 Mile East
T210	CAEDF0000022874	1/2 - 1 Mile East
T211	CAEDF0000032207	1/2 - 1 Mile East
T212	CAEDF0000138010	1/2 - 1 Mile East
T213	CAEDF0000073006	1/2 - 1 Mile East
T214	CAEDF0000080891	1/2 - 1 Mile East
U215	CAEDF0000061514	1/2 - 1 Mile NE
U216	CAEDF0000022709	1/2 - 1 Mile NE
T217	CAEDF0000113015	1/2 - 1 Mile East
U218	CAEDF0000020423	1/2 - 1 Mile NE
U219	CAEDF0000043717	1/2 - 1 Mile NE
T220	CAEDF0000133902	1/2 - 1 Mile East
U221	CAEDF0000033557	1/2 - 1 Mile NE
U222	CAEDF0000075668	1/2 - 1 Mile NE
U223	CAEDF0000079050	1/2 - 1 Mile NE
T224	CAEDF0000082496	1/2 - 1 Mile East
U225	CAEDF0000039762	1/2 - 1 Mile NE
U226	CAEDF0000113419	1/2 - 1 Mile NE
U227	CAEDF0000128190	1/2 - 1 Mile NE
U228	CAEDF0000098881	1/2 - 1 Mile NE
U229	CAEDF0000133060	1/2 - 1 Mile NE
W232	CAEDF0000003294	1/2 - 1 Mile NE
W233	CAEDF0000073388	1/2 - 1 Mile NE
W234	CAEDF0000102981	1/2 - 1 Mile NE
W235	CAEDF0000078346	1/2 - 1 Mile NE
W236	CAEDF0000014113	1/2 - 1 Mile NE
W237	CAEDF0000096127	1/2 - 1 Mile NE
W238	CAEDF0000054307	1/2 - 1 Mile NE
W239	CAEDF0000008286	1/2 - 1 Mile NE
240	CADWR9000036401	1/2 - 1 Mile NNW
W241	CAEDF0000106570	1/2 - 1 Mile NE
W242	CAEDF0000003048	1/2 - 1 Mile NE
W243	CAEDF0000004990	1/2 - 1 Mile NE
X244	CAEDF0000122851	1/2 - 1 Mile NE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
X245	CAEDF0000074164	1/2 - 1 Mile NE
X246	CAEDF0000019157	1/2 - 1 Mile NE
X247	CAEDF0000012661	1/2 - 1 Mile NE
X248	CAEDF0000076818	1/2 - 1 Mile NE
X249	CAEDF0000067581	1/2 - 1 Mile NE
X250	CAEDF0000021846	1/2 - 1 Mile NE
X251	CAEDF0000068240	1/2 - 1 Mile NE
X252	CAEDF0000032547	1/2 - 1 Mile NE
W253	CAEDF0000043734	1/2 - 1 Mile NE
X254	CAEDF0000120869	1/2 - 1 Mile NE
X255	CAEDF0000113982	1/2 - 1 Mile NE
X256	CAEDF0000128178	1/2 - 1 Mile NE
X257	CAEDF0000123465	1/2 - 1 Mile NE
X258	CAEDF0000089826	1/2 - 1 Mile NE
X259	CAEDF0000089886	1/2 - 1 Mile NE
X260	CAEDF0000086768	1/2 - 1 Mile NE
X261	CAEDF0000020796	1/2 - 1 Mile NE
W262	CAEDF0000081396	1/2 - 1 Mile NE
X263	CAEDF0000117023	1/2 - 1 Mile NE
X264	CAEDF0000126471	1/2 - 1 Mile NE
X265	CAEDF0000078102	1/2 - 1 Mile NE
X266	CAEDF0000034007	1/2 - 1 Mile NE
X267	CAEDF0000077327	1/2 - 1 Mile NE
X268	CAEDF0000084551	1/2 - 1 Mile NE
X270	CAEDF0000084346	1/2 - 1 Mile NE
X272	CAEDF0000131815	1/2 - 1 Mile NE
X273	CAEDF0000063639	1/2 - 1 Mile NE
X274	CAEDF0000069796	1/2 - 1 Mile NE
X275	CAEDF0000116704	1/2 - 1 Mile NE
Y276	CAEDF0000090182	1/2 - 1 Mile SE
Y277	CAEDF0000046020	1/2 - 1 Mile SE
Y278	CAEDF0000112543	1/2 - 1 Mile SE
Y279	CAEDF0000119655	1/2 - 1 Mile SE
AA286	CAEDF0000048716	1/2 - 1 Mile SE
AA287	CAEDF0000131329	1/2 - 1 Mile SE
AA288	CAEDF0000053678	1/2 - 1 Mile SE
AA289	CAEDF0000073792	1/2 - 1 Mile SE
AA290	CAEDF0000074144	1/2 - 1 Mile SE
AA291	CAEDF0000061785	1/2 - 1 Mile SE
AB292	CAEDF0000119491	1/2 - 1 Mile SSE
AA293	CAEDF0000034364	1/2 - 1 Mile SE
AB294	CAEDF0000082928	1/2 - 1 Mile SSE
AB295	CAEDF0000104094	1/2 - 1 Mile SSE
AB296	CAEDF0000003875	1/2 - 1 Mile SSE
AB297	CAEDF0000120459	1/2 - 1 Mile SSE
AC298	CAEDF0000124881	1/2 - 1 Mile WNW
AB299	CAEDF0000043672	1/2 - 1 Mile SSE
AB300	CAEDF0000097598	1/2 - 1 Mile SSE
AB301	CAEDF0000014030	1/2 - 1 Mile SSE
AD304	CAEDF0000046140	1/2 - 1 Mile SSE
AC306	CAEDF0000066181	1/2 - 1 Mile WNW
AC307	CAEDF0000124830	1/2 - 1 Mile WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AC308	CAEDF0000054558	1/2 - 1 Mile WNW
AC309	CAEDF0000081851	1/2 - 1 Mile WNW
AC310	CAEDF0000093031	1/2 - 1 Mile WNW
AD311	CAEDF0000094755	1/2 - 1 Mile SSE
AD312	CAEDF0000065514	1/2 - 1 Mile SSE
AD313	CAEDF0000106222	1/2 - 1 Mile SSE
AC314	CAEDF0000018445	1/2 - 1 Mile WNW
AF315	CAEDF0000055060	1/2 - 1 Mile NNW
AF316	CAEDF0000019191	1/2 - 1 Mile NNW
AF317	CAEDF0000119463	1/2 - 1 Mile NNW
AF318	CAEDF0000137929	1/2 - 1 Mile NNW
AF319	CAEDF0000126190	1/2 - 1 Mile NNW
AG320	CAEDF0000061577	1/2 - 1 Mile SE
AD321	CAEDF0000003289	1/2 - 1 Mile SSE
AG322	CAEDF0000005178	1/2 - 1 Mile SE
AC323	CAEDF0000127809	1/2 - 1 Mile WNW
AC324	CAEDF0000123894	1/2 - 1 Mile WNW
AC325	CAEDF0000071669	1/2 - 1 Mile WNW
AC326	CAEDF0000136559	1/2 - 1 Mile WNW
AD327	CAEDF0000063544	1/2 - 1 Mile SSE
AF328	CAEDF0000082229	1/2 - 1 Mile NNW
AC329	CAEDF0000072665	1/2 - 1 Mile WNW
AC330	CAEDF0000087512	1/2 - 1 Mile WNW
AG331	CAEDF0000105720	1/2 - 1 Mile SE
AC332	CAEDF0000061549	1/2 - 1 Mile WNW
AE333	CAEDF0000119223	1/2 - 1 Mile WNW
AF334	CAEDF0000023615	1/2 - 1 Mile NNW
AD335	CAEDF0000116449	1/2 - 1 Mile SSE
AC336	CAEDF0000056672	1/2 - 1 Mile WNW
AD337	CAEDF0000018096	1/2 - 1 Mile SSE
AC338	CAEDF0000132332	1/2 - 1 Mile WNW
AD339	CAEDF0000037191	1/2 - 1 Mile SSE
AD340	CAEDF0000125744	1/2 - 1 Mile SSE
AD341	CAEDF0000097168	1/2 - 1 Mile SSE
AF342	CAEDF0000113448	1/2 - 1 Mile NNW
AD343	CAEDF0000095793	1/2 - 1 Mile SSE
AC344	CAEDF0000087521	1/2 - 1 Mile WNW
AC345	CAEDF0000104055	1/2 - 1 Mile WNW
AD346	CAEDF0000080438	1/2 - 1 Mile SSE
AD347	CAEDF0000074737	1/2 - 1 Mile SSE
AD348	CAEDF0000045536	1/2 - 1 Mile SSE
AD349	CAEDF0000045781	1/2 - 1 Mile SSE
AD350	CAEDF0000037886	1/2 - 1 Mile SSE
AD351	CAEDF0000002372	1/2 - 1 Mile SSE
AD352	CAEDF0000023640	1/2 - 1 Mile SSE
AD353	CAEDF0000050560	1/2 - 1 Mile SSE
AD354	CAEDF0000119567	1/2 - 1 Mile SSE
AD355	CAEDF0000121330	1/2 - 1 Mile SSE
AD356	CAEDF0000079058	1/2 - 1 Mile SSE
AD357	CAEDF0000061121	1/2 - 1 Mile SSE
AD358	CAEDF0000070333	1/2 - 1 Mile SSE
AD359	CAEDF0000102122	1/2 - 1 Mile SSE

STATE DATABASE WELL INFORMATION

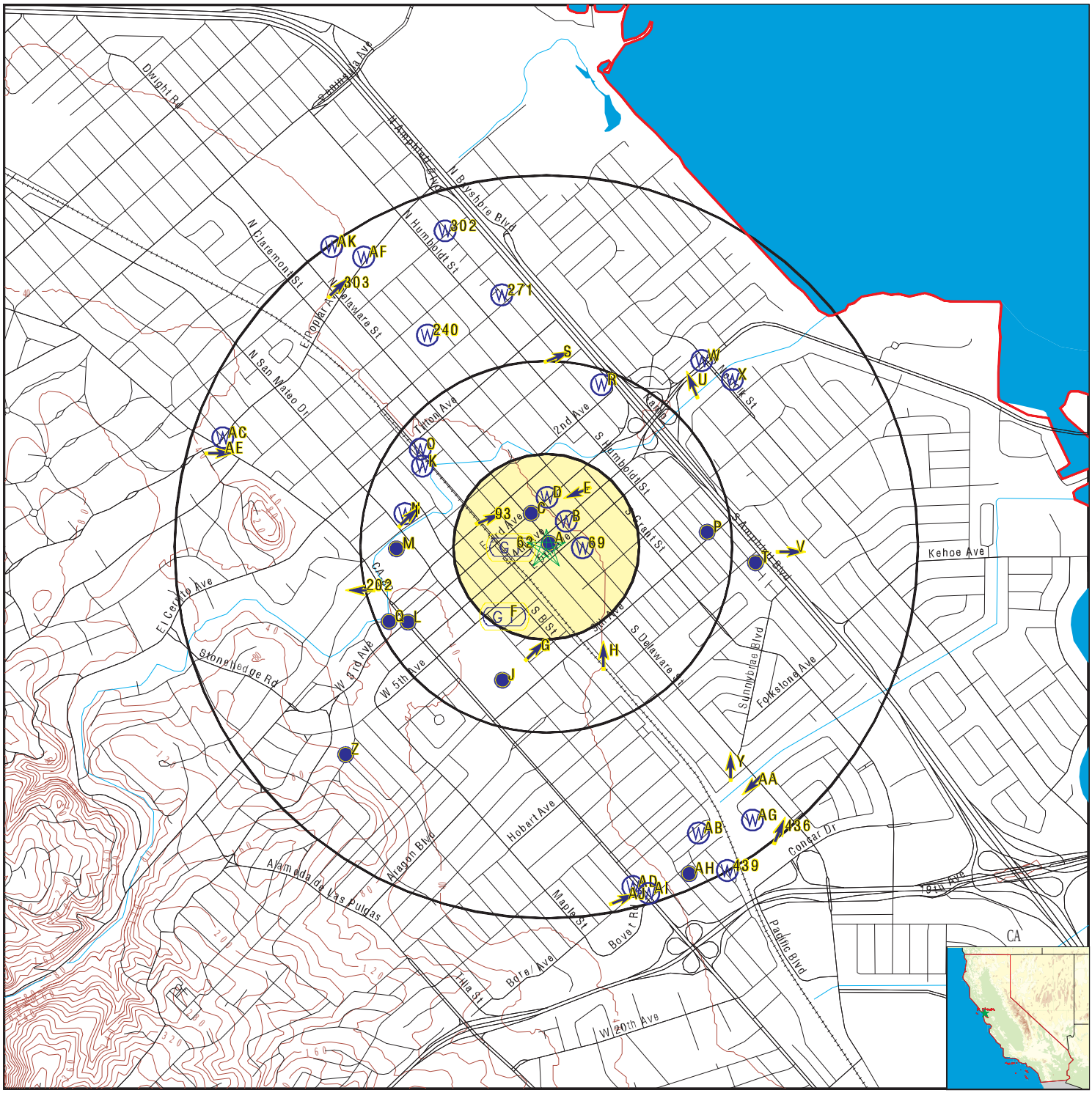
MAP ID	WELL ID	LOCATION FROM TP
AD360	CAEDF0000096833	1/2 - 1 Mile SSE
AD361	CAEDF0000051850	1/2 - 1 Mile SSE
AH362	CAEDF0000034321	1/2 - 1 Mile SSE
AD363	CAEDF0000007178	1/2 - 1 Mile SSE
AD364	CAEDF0000097365	1/2 - 1 Mile SSE
AD365	CAEDF0000096576	1/2 - 1 Mile SSE
AD366	CAEDF0000015997	1/2 - 1 Mile SSE
AD367	CAEDF0000085798	1/2 - 1 Mile SSE
AD368	CAEDF0000129928	1/2 - 1 Mile SSE
AD369	CAEDF0000136396	1/2 - 1 Mile SSE
AD370	CAEDF0000050636	1/2 - 1 Mile SSE
AD371	CAEDF0000006585	1/2 - 1 Mile SSE
AD372	CAEDF0000009667	1/2 - 1 Mile SSE
AD373	CAEDF0000045504	1/2 - 1 Mile SSE
AD374	CAEDF0000055201	1/2 - 1 Mile SSE
AD375	CAEDF0000071476	1/2 - 1 Mile SSE
AD376	CAEDF0000103938	1/2 - 1 Mile SSE
AD377	CAEDF0000074486	1/2 - 1 Mile SSE
AD378	CAEDF0000120349	1/2 - 1 Mile SSE
AD379	CAEDF0000062737	1/2 - 1 Mile SSE
AD380	CAEDF0000023743	1/2 - 1 Mile SSE
AD381	CAEDF0000034313	1/2 - 1 Mile SSE
AD382	CAEDF0000059382	1/2 - 1 Mile SSE
AD383	CAEDF0000103607	1/2 - 1 Mile SSE
AD384	CAEDF0000082071	1/2 - 1 Mile SSE
AD385	CAEDF0000072882	1/2 - 1 Mile SSE
AD386	CAEDF0000128217	1/2 - 1 Mile SSE
AD387	CAEDF0000071872	1/2 - 1 Mile SSE
AH388	CAEDF0000060991	1/2 - 1 Mile SSE
AD389	CAEDF0000107068	1/2 - 1 Mile SSE
AD390	CAEDF0000097423	1/2 - 1 Mile SSE
AD391	CAEDF0000044497	1/2 - 1 Mile SSE
AD392	CAEDF0000115717	1/2 - 1 Mile SSE
AD393	CAEDF0000129964	1/2 - 1 Mile SSE
AH394	CAEDF0000015868	1/2 - 1 Mile SSE
AH395	CAEDF0000071870	1/2 - 1 Mile SSE
AD396	CAEDF0000119484	1/2 - 1 Mile SSE
AI397	CAEDF0000066731	1/2 - 1 Mile SSE
AD398	CAEDF0000108341	1/2 - 1 Mile SSE
AD399	CAEDF0000073089	1/2 - 1 Mile SSE
AH400	CAEDF0000109025	1/2 - 1 Mile SSE
AD401	CAEDF0000140102	1/2 - 1 Mile SSE
AD402	CAEDF0000038842	1/2 - 1 Mile SSE
AD403	CAEDF0000036540	1/2 - 1 Mile SSE
AD404	CAEDF0000106889	1/2 - 1 Mile SSE
AD405	CAEDF0000116223	1/2 - 1 Mile SSE
AD406	CAEDF0000036315	1/2 - 1 Mile SSE
AH407	CAEDF0000066133	1/2 - 1 Mile SSE
AJ408	CAEDF0000074027	1/2 - 1 Mile SSE
AJ409	CAEDF0000040247	1/2 - 1 Mile SSE
AJ410	CAEDF0000081941	1/2 - 1 Mile SSE
AJ411	CAEDF0000067883	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AI415	CAEDF0000140150	1/2 - 1 Mile SSE
AI416	CAEDF0000074861	1/2 - 1 Mile SSE
AI417	CAEDF0000045105	1/2 - 1 Mile SSE
AI418	CAEDF0000006318	1/2 - 1 Mile SSE
AI419	CAEDF0000072562	1/2 - 1 Mile SSE
AI420	CAEDF0000094706	1/2 - 1 Mile SSE
AI421	CAEDF0000120537	1/2 - 1 Mile SSE
AI422	CAEDF0000067668	1/2 - 1 Mile SSE
AJ423	CAEDF0000109758	1/2 - 1 Mile SSE
AI424	CAEDF0000119750	1/2 - 1 Mile SSE
AI426	CAEDF0000121944	1/2 - 1 Mile SSE
AI427	CAEDF0000118217	1/2 - 1 Mile SSE
AI428	CAEDF0000065270	1/2 - 1 Mile SSE
AJ429	CAEDF0000016893	1/2 - 1 Mile SSE
AJ430	CAEDF0000035092	1/2 - 1 Mile SSE
AI432	CAEDF0000111618	1/2 - 1 Mile SSE
AI433	CAEDF0000071378	1/2 - 1 Mile SSE
AI434	CAEDF0000108163	1/2 - 1 Mile SSE
AI435	CAEDF0000083424	1/2 - 1 Mile SSE
AK437	CADDW0000002148	1/2 - 1 Mile NW
AK438	4840	1/2 - 1 Mile NW
439	CAEDF0000055890	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 6629448.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	524 E. 4th Avenue	CLIENT:	PES Environmental, Inc.
ADDRESS:	524 E. 4th Avenue San Mateo CA 94402	CONTACT:	Julie Turnross
LAT/LONG:	37.565939 / 122.319178	INQUIRY #:	6629448.2s
		DATE:	August 20, 2021 3:29 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
South
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000045667**

Well ID:	T0608100632-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-22		

A2
South
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000022351**

Well ID:	T0608100632-SB-8	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=SB-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=SB-8		

A3
SSE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000079605**

Well ID:	T0608100632-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-3		

A4
North
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000091306**

Well ID:	T0608100632-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
North
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000035712**

Well ID:	T0608100632-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-1		

A6
SW
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000140424**

Well ID:	T0608100632-TW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	TW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=TW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=TW-1		

A7
NNE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000070690**

Well ID:	T0608100632-MW-17B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-17B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-17B		

A8
East
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000129213**

Well ID:	T0608100632-MW-13B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-13B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-13B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
East
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000120916**

Well ID:	T0608100632-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-2		

A10
East
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000118023**

Well ID:	T0608100632-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-6		

A11
SSE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000090823**

Well ID:	T0608100632-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-7		

A12
ESE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAEDF0000093388**

Well ID:	T0608100632-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-18		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A13
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000110268**

Well ID:	T0608100632-SB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=SB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=SB-6		

A14
ESE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000087940**

Well ID:	T0608100632-SB-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=SB-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=SB-7		

A15
ENE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000011793**

Well ID:	T0608100632-MW-14B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-14B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-14B		

A16
NE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000083073**

Well ID:	T0608100632-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A17 **NNW** **0 - 1/8 Mile** **Higher**	**CA WELLS**	**CAEDF0000021104**

Well ID:	T0608100034-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-10		

	Database	EDR ID Number
A18 **East** **0 - 1/8 Mile** **Higher**	**CA WELLS**	**CAEDF0000052716**

Well ID:	T0608100632-SB-9	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=SB-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=SB-9		

	Database	EDR ID Number
A19 **SW** **0 - 1/8 Mile** **Higher**	**CA WELLS**	**CAEDF0000101393**

Well ID:	T0608100632-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-23		

			Database	EDR ID Number
A20 **West** **0 - 1/8 Mile** **Higher**	Site ID:	41-0503	**AQUIFLOW**	**67749**
	Groundwater Flow:	ESE		
	Shallow Water Depth:	16.36		
	Deep Water Depth:	17.79		
	Average Water Depth:	Not Reported		
	Date:	02/19/1999		

			Database	EDR ID Number
A21 **WNW** **0 - 1/8 Mile** **Higher**	Site ID:	41-0083	**AQUIFLOW**	**67729**
	Groundwater Flow:	S		
	Shallow Water Depth:	9.03		
	Deep Water Depth:	10.08		
	Average Water Depth:	Not Reported		
	Date:	04/16/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A22
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000094993**

Well ID:	T0608100632-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-4		

A23
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000128780**

Well ID:	T0608100632-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-19		

A24
WNW
0 - 1/8 Mile
Higher

Site ID:	41-0665
Groundwater Flow:	E
Shallow Water Depth:	15.33
Deep Water Depth:	16.71
Average Water Depth:	Not Reported
Date:	08/16/1994

AQUIFLOW **67755**

A25
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000000940**

Well ID:	T0608100078-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-5		

A26
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000116356**

Well ID:	T0608100034-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-9

A27
SE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000111942**

Well ID: T0608100632-MW-24 Well Type: MONITORING
Source: EDF Other Name: MW-24
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-24&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-24

A28
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000095430**

Well ID: T0608100632-MW-5 Well Type: MONITORING
Source: EDF Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-5

A29
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000036425**

Well ID: T0608100632-MW-10R Well Type: MONITORING
Source: EDF Other Name: MW-10R
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-10R&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-10R

A30
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000037522**

Well ID: T0608100034-MW-8 Well Type: MONITORING
Source: EDF Other Name: MW-8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-8&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-8

A31
NNE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000003792**

Well ID:	T0608100078-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-6		

A32
North
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000068046**

Well ID:	T0608100078-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-4		

A33
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000075640**

Well ID:	T0608100197-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100197&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100197&assigned_name=MW-2		

A34
ESE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000109313**

Well ID:	T0608100632-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
A35 **NNE** **0 - 1/8 Mile** **Higher**	Site ID:	41-0444	**AQUIFLOW**	**67720**
	Groundwater Flow:	E		
	Shallow Water Depth:	9.87		
	Deep Water Depth:	11.68		
	Average Water Depth:	Not Reported		
	Date:	05/24/1999		

A36
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000065872**

Well ID:	T0608100034-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-7		

A37
ESE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000112011**

Well ID:	T0608100632-MW-15B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-15B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-15B		

A38
ESE
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000031514**

Well ID:	T0608100632-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A39
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000062804**

Well ID:	T0608100632-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-21		

A40
NNE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000125863**

Well ID:	T0608100078-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-2		

A41
East
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000072318**

Well ID:	T0608100632-MW-12B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-12B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-12B		

A42
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000082596**

Well ID:	T0608100078-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A43
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000065417**

Well ID:	T0608100034-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-4		

A44
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000097386**

Well ID:	T0608100078-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-7		

A45
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000140634**

Well ID:	T0608100034-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=EW-1		

A46
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000108945**

Well ID:	T0608100423-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B47
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000118355**

Well ID:	T0608100423-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-10		

A48
WSW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000045726**

Well ID:	T0608100197-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100197&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100197&assigned_name=MW-1		

B49
NNE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000136670**

Well ID:	T0608100078-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100078&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100078&assigned_name=MW-3		

B50
NNE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000067851**

Well ID:	T0608100423-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C51
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000142856**

Well ID:	T0608100034-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-3		

C52
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000061014**

Well ID:	T0608100034-MW-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-1A		

B53
ENE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000118547**

Well ID:	T0608100423-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-12		

B54
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000096936**

Well ID:	T0608100423-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B55
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000067182**

Well ID:	T0608100423-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-2		

C56
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000135311**

Well ID:	T0608100034-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-2		

C57
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000031756**

Well ID:	T0608129773-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-9		

C58
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000039944**

Well ID:	T0608100034-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100034&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100034&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B59 **NE** **0 - 1/8 Mile** **Lower**	**CA WELLS**	**CAEDF0000059295**

Well ID:	T0608100423-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-11		

	Database	EDR ID Number
B60 **NE** **0 - 1/8 Mile** **Lower**	**CA WELLS**	**CAEDF0000138026**

Well ID:	T0608100423-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-7		

	Database	EDR ID Number
B61 **NE** **0 - 1/8 Mile** **Lower**	**CA WELLS**	**CAEDF0000044415**

Well ID:	T0608100423-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-3		

			Database	EDR ID Number
62 **West** **0 - 1/8 Mile** **Higher**	Site ID:	41-0987	**AQUIFLOW**	**67758**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	12.85		
	Deep Water Depth:	13.41		
	Average Water Depth:	Not Reported		
	Date:	04/16/1999		

	Database	EDR ID Number
B63 **North** **0 - 1/8 Mile** **Lower**	**CA WELLS**	**CAEDF0000015373**

Well ID:	T0608129773-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-10

B64
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000018635**

Well ID: T0608100423-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-4

C65
NW
0 - 1/8 Mile
Higher

AQUIFLOW **67725**

Site ID: 110123
Groundwater Flow: SE
Shallow Water Depth: 12.02
Deep Water Depth: 12.65
Average Water Depth: Not Reported
Date: 07/07/1999

B66
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000054834**

Well ID: T0608100423-MW-5 Well Type: MONITORING
Source: EDF Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-5

C67
NNW
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000074646**

Well ID: T0608101115-MW-8 Well Type: MONITORING
Source: EDF Other Name: MW-8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
C68 **NW** **0 - 1/8 Mile** **Higher**	Site ID:	41-0035	**AQUIFLOW**	**67835**
	Groundwater Flow:	E		
	Shallow Water Depth:	15.08		
	Deep Water Depth:	17.56		
	Average Water Depth:	Not Reported		
	Date:	02/25/1998		

69
East
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000048019**

Well ID:	T0608100632-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100632&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100632&assigned_name=MW-25		

B70
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000022602**

Well ID:	T0608100423-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-6		

C71
NW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000088537**

Well ID:	T0608129773-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C72
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000135534**

Well ID:	T0608129773-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-7		

B73
North
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000079115**

Well ID:	T0608101115-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-6		

C74
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000119857**

Well ID:	T0608129773-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-4		

B75
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000116761**

Well ID:	T0608100423-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C76
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000023199**

Well ID:	T0608129773-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-6		

B77
NE
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000095683**

Well ID:	T0608101115-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-14		

C78
NNW
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000110327**

Well ID:	T0608101115-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-16		

C79
NNW
0 - 1/8 Mile
Higher

CA WELLS **CAEDF0000004552**

Well ID:	T0608101115-MW-2S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-2S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-2S		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
C80 **North** **0 - 1/8 Mile** **Lower**	Site ID:	41-0640	**AQUIFLOW**	**67714**
	Groundwater Flow:	E		
	Shallow Water Depth:	13.70		
	Deep Water Depth:	14.92		
	Average Water Depth:	Not Reported		
	Date:	06/28/1999		

C81
NNW
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000080815**

Well ID:	T0608101115-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-7		

C82
North
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000003121**

Well ID:	T0608101115-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-10		

C83
NNW
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000084630**

Well ID:	T0608101115-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
C84 **North** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000930 E 13.70 14.92 Not Reported 06/28/1999	**AQUIFLOW**	**67713**

D85
North
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000051028**

Well ID:	T0608101115-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-11		

C86
North
0 - 1/8 Mile
Lower

CA WELLS **CAEDF0000053596**

Well ID:	T0608101115-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-9		

C87
NNW
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000139121**

Well ID:	T0608129773-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608129773&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608129773&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D88
North
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000118354**

Well ID:	T0608101115-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-5		

B89
NE
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000013056**

Well ID:	T0608100423-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100423&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100423&assigned_name=MW-14		

D90
North
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000012173**

Well ID:	T0608101115-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-4		

E91
NE
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000118233**

Well ID:	T0608101115-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
E92 **NE** **1/8 - 1/4 Mile** **Lower**	**CA WELLS**	**CAEDF0000031435**

Well ID:	T0608101115-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101115&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101115&assigned_name=MW-13		

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93 **WNW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0672 ENE 14.80 23.64 Not Reported 05/24/1999	**AQUIFLOW**	**67790**

F94 **SW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0286 Not Reported 19.93 21.7 Not Reported 06/30/1989	**AQUIFLOW**	**67634**

E95 **NNE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0166 WSW 5.98 10.20 Not Reported 01/04/1994	**AQUIFLOW**	**67954**

F96 **SSW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	119117 Not Reported 15 20 Not Reported 06/24/1998	**AQUIFLOW**	**67620**

F97 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	119117 Not Reported 15 20 Not Reported 06/24/1998	**AQUIFLOW**	**67618**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
G98 **South** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110067 NE 18 19 Not Reported 06/01/1998	**AQUIFLOW**	**67681**
G99 **South** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110067 NE 18 19 Not Reported 06/01/1998	**AQUIFLOW**	**67679**
H100 **SSE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	410641 N 9.87 11.41 Not Reported 06/21/1999	**AQUIFLOW**	**67943**
I101 **West** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0933 NE 20.20 28.53 Not Reported 06/1996	**AQUIFLOW**	**67787**
J102 **SSW** **1/4 - 1/2 Mile** **Higher**			**CA WELLS**	**CADWR9000036334**

State Well #:	Not Reported	Station ID:	55143
Well Name:	150 Central Park	Basin Name:	San Mateo Plain
Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	200	Well Completion Rpt #:	457450

H103 **SSE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0756 N 9.87 11.41 Not Reported 06/21/1999	**AQUIFLOW**	**67942**
I104 **WNW** **1/4 - 1/2 Mile** **Higher**			**CA WELLS**	**CAEDF0000003855**

Well ID:	T0608125386-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-4

K105
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000046260**

Well ID: SL1823H922-PZ-4 Well Type: MONITORING
Source: EDF Other Name: PZ-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=PZ-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=PZ-4

I106
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000101841**

Well ID: T0608125386-MW-6 Well Type: MONITORING
Source: EDF Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-6

K107
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000063488**

Well ID: SL1823H922-PZ-5 Well Type: MONITORING
Source: EDF Other Name: PZ-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=PZ-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=PZ-5

I108
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000035149**

Well ID: T0608125386-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-1&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-1

I109
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000089296**

Well ID:	T0608125386-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-3		

K110
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000098644**

Well ID:	SL1823H922-PZ-2	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=PZ-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=PZ-2		

L111
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000042401**

Well ID:	T0608100123-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-7		

M112
West
1/4 - 1/2 Mile
Higher

AQUIFLOW **67820**

Site ID:	41-0911
Groundwater Flow:	E
Shallow Water Depth:	10.79
Deep Water Depth:	17.56
Average Water Depth:	Not Reported
Date:	09/16/1996

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L113
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000050722**

Well ID:	T0608100514-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=MW-4		

I114
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000042291**

Well ID:	T0608125386-AS-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=AS-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=AS-3		

I115
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000072506**

Well ID:	T0608125386-SVE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=SVE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=SVE-3		

I116
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000103786**

Well ID:	T10000002679-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002679&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002679&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I117
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000080342**

Well ID:	T0608125386-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-10		

I118
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000072542**

Well ID:	T0608125386-SVE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=SVE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=SVE-4		

N119
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000079737**

Well ID:	T0608125386-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-5		

I120
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000142693**

Well ID:	T0608125386-SVE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=SVE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=SVE-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I121
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000045246**

Well ID:	T0608125386-AS-4	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=AS-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=AS-4		

N122
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000094454**

Well ID:	T0608125386-SVE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=SVE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=SVE-2		

N123
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000095598**

Well ID:	T0608125386-AS-2	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=AS-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=AS-2		

N124
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000046863**

Well ID:	T0608125386-AS-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=AS-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=AS-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N125
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000077349**

Well ID:	T0608125386-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=MW-2		

L126
WSW
1/4 - 1/2 Mile
Higher

FRDS PWS **CA4100569**

PWS ID:	CA4100569	PWS type:	System Owner/Responsible Party
PWS name:	SAN MATEO UNION HIGH SCHOOL		
PWS address:	Not Reported	PWS city:	SAN MATEO
PWS state:	CA	PWS zip:	94401
PWS ID:	CA4100569	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00000086	System name:	CSP BUTANO STATE PARK
System address:	SAN MATEO UNION HIGH SCHOOL		
System address:	CAROLYN & OAK GROVE	System city:	HALF MOON BAY
System state:	CA	System zip:	94019
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	373347	Longitude:	1221927

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	94V0001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	LEAD & COPPER RULE
Violation type:	Initial Tap Sampling for Pb and Cu		
Violation start date:	070193	Violation end date:	123193
Violation period (months):	006	Violation awareness date:	Not Reported
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported
Violation ID:	Not Reported	Orig Code:	F
Enforcemnt FY:	2000	Enforcement Action:	03/01/2000
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Not Reported

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J127
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183788**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S004W29B001M	Type:	Well
Description:	Not Reported	HUC:	18050004

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1950	Well Depth:	180
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	17	Level reading date:	1994-05-18
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was being pumped.		

Level reading date:	1994-05-04	Feet below surface:	26.86
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1993-11-04	Feet below surface:	25.92
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1993-05-06	Feet below surface:	25.03
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1992-10-06	Feet below surface:	34.26
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1992-05-21	Feet below surface:	34.74
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1991-09-18	Feet below surface:	40.32
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1991-05-23	Feet below surface:	27.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-11-15	Feet below surface:	33.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-22	Feet below surface:	29.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-10-25	Feet below surface:	33.14
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1989-04-11	Feet below surface:	28.33
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1984-06-01	Feet below surface:	35.5
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1982-10-07	Feet below surface:	29.68
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-05-08	Feet below surface:	53.0
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1979-10-02	Feet below surface:	44.8
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1979-04-18	Feet below surface:	24.01
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J128
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGSN00002947**

Well ID:	USGS-373338122191301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-373338122191301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-373338122191301&store_num=		
GeoTracker Data:	Not Reported		

J129
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGS000000587**

Well ID:	SF-06	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	SF-06	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=SF-06&store_num=		
GeoTracker Data:	Not Reported		

K130
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000097755**

Well ID:	SL1823H922-PZ-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=PZ-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=PZ-1		

K131
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000140423**

Well ID:	SL0608137877-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608137877&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608137877&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N132
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000133708**

Well ID:	T0608125386-SVE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608125386&assigned_name=SVE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608125386&assigned_name=SVE-1		

L133
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000082757**

Well ID:	T0608100123-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-8		

L134
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000125285**

Well ID:	T0608100123-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-2		

L135
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000018900**

Well ID:	T0608100514-LF-2	Well Type:	MONITORING
Source:	EDF	Other Name:	LF-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=LF-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=LF-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K136
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000017084**

Well ID:	SL1823H922-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=MW-1		

L137
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000092783**

Well ID:	T0608100123-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-10		

L138
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000128358**

Well ID:	T0608100123-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-9		

L139
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000049269**

Well ID:	T0608100123-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L140
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000087817**

Well ID:	T0608100123-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-11		

L141
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000130915**

Well ID:	T0608100514-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=MW-5		

L142
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183813**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S004W20P001M	Type:	Well
Description:	Not Reported	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19880422	Well Depth:	56
Well Depth Units:	ft	Well Hole Depth:	60
Well Hole Depth Units:	ft		

L143
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183814**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S004W20P002M	Type:	Well
Description:	Not Reported	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19880422	Well Depth:	56
Well Depth Units:	ft	Well Hole Depth:	60
Well Hole Depth Units:	ft		

L144
WSW **CA WELLS** **CAEDF0000007180**
1/4 - 1/2 Mile
Higher

Well ID:	T0608100514-SVE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=SVE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=SVE-3		

L145
WSW **CA WELLS** **CAEDF0000040049**
1/4 - 1/2 Mile
Higher

Well ID:	T0608100123-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-1		

L146
WSW **CA WELLS** **CAEDF0000007962**
1/4 - 1/2 Mile
Higher

Well ID:	T0608100123-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-5		

L147
WSW **CA WELLS** **CAEDF0000015737**
1/4 - 1/2 Mile
Higher

Well ID:	T0608100514-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=MW-3&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=MW-3

L148
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000058452**

Well ID:	T0608100514-SVE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=SVE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=SVE-2		

L149
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000064482**

Well ID:	T0608100123-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-3		

L150
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000052349**

Well ID:	T0608100123-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100123&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100123&assigned_name=MW-4		

K151
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000014896**

Well ID:	SL1823H922-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L152
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000121157**

Well ID:	T0608100514-SVE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=SVE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=SVE-1		

L153
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000143746**

Well ID:	T0608100514-LF-1	Well Type:	MONITORING
Source:	EDF	Other Name:	LF-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=LF-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=LF-1		

K154
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000118335**

Well ID:	SL0608137877-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608137877&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608137877&assigned_name=MW-1		

O155
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000042713**

Well ID:	SL0608137877-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608137877&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608137877&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
L156 **WSW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000016939**

Well ID:	T0608100514-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100514&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100514&assigned_name=MW-6		

		Database	EDR ID Number
L157 **WSW** **1/4 - 1/2 Mile** **Higher**		**CA WELLS**	**CAEDF0000023074**

Well ID:	T0608100338-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-9		

			Database	EDR ID Number
M158 **West** **1/4 - 1/2 Mile** **Higher**	Site ID:	41-0360	**AQUIFLOW**	**67733**
	Groundwater Flow:	NNW		
	Shallow Water Depth:	12.35		
	Deep Water Depth:	24.62		
	Average Water Depth:	Not Reported		
	Date:	12/12/1998		

			Database	EDR ID Number
P159 **East** **1/4 - 1/2 Mile** **Lower**	Site ID:	41-0754	**AQUIFLOW**	**67829**
	Groundwater Flow:	E		
	Shallow Water Depth:	8.77		
	Deep Water Depth:	12.16		
	Average Water Depth:	Not Reported		
	Date:	01/14/1998		

	Database	EDR ID Number
L160 **WSW** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000033211**

Well ID:	T0608100338-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L161
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000135487**

Well ID:	T0608100338-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-6		

K162
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000012758**

Well ID:	SL1823H922-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=MW-4		

L163
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000062770**

Well ID:	T0608100338-EX-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EX-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=EX-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=EX-1		

L164
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000052523**

Well ID:	T0608100338-SVE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=SVE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=SVE-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L165
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000106700**

Well ID:	T0608100338-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-7		

L166
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000103690**

Well ID:	T0608100338-AS-5	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=AS-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=AS-5		

L167
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000067632**

Well ID:	T0608100338-GP-8	Well Type:	MONITORING
Source:	EDF	Other Name:	GP-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=GP-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=GP-8		

L168
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000066062**

Well ID:	T0608100338-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L169
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000123946**

Well ID:	T0608100338-RW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-1		

L170
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000096921**

Well ID:	T0608100338-AS-4	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=AS-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=AS-4		

L171
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000083356**

Well ID:	T0608100338-SVE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=SVE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=SVE-4		

L172
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000103622**

Well ID:	T0608100338-RW-5R	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-5R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-5R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-5R		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L173
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000072594**

Well ID:	T0608100338-RW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-2		

L174
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000039589**

Well ID:	T0608100338-RW-2R	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-2R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-2R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-2R		

L175
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000125973**

Well ID:	T0608100338-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-12		

L176
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000081519**

Well ID:	T0608100338-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O177
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000075516**

Well ID:	SL1823H922-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL1823H922&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL1823H922&assigned_name=MW-3		

L178
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000044788**

Well ID:	T0608100338-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-10		

L179
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000126693**

Well ID:	T0608100338-RW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-5		

L180
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000122984**

Well ID:	T0608100338-AS-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=AS-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=AS-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L181
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000105959**

Well ID:	T0608100338-SVE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=SVE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=SVE-2		

L182
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000048762**

Well ID:	T0608100338-AS-2	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=AS-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=AS-2		

L183
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000056312**

Well ID:	T0608100338-SVE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=SVE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=SVE-3		

L184
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000103840**

Well ID:	T0608100338-RW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
P185 **East** **1/4 - 1/2 Mile** **Lower**	Site ID:	41-0870	**AQUIFLOW**	**67606**
	Groundwater Flow:	NE		
	Shallow Water Depth:	11.26		
	Deep Water Depth:	12.3		
	Average Water Depth:	Not Reported		
	Date:	05/01/1997		

L186
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000057585**

Well ID:	T0608100338-RW-4R	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-4R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-4R		

L187
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000112269**

Well ID:	T0608100338-RW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=RW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=RW-4		

L188
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000004486**

Well ID:	T0608100338-AS-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=AS-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=AS-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L189
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000021284**

Well ID:	T0608100338-SVE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SVE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=SVE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=SVE-1		

L190
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000127897**

Well ID:	T0608100338-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-11		

Q191
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000079662**

Well ID:	T0608100338-GP-7	Well Type:	MONITORING
Source:	EDF	Other Name:	GP-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=GP-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=GP-7		

L192
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000020773**

Well ID:	T0608100338-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R193
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000120109**

Well ID:	SL0608173289-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608173289&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608173289&assigned_name=MW-1		

Q194
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000128389**

Well ID:	T0608100338-GP-5	Well Type:	MONITORING
Source:	EDF	Other Name:	GP-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=GP-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=GP-5		

Q195
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000121263**

Well ID:	T0608100338-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100338&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100338&assigned_name=MW-3		

R196
NNE
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000130808**

Well ID:	SL0608173289-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608173289&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608173289&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
R197 **NNE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000108707**

Well ID:	SL0608173289-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608173289&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608173289&assigned_name=MW-2		

Q198 **WSW** **1/4 - 1/2 Mile** **Higher**	Site ID:	41-0355	**AQUIFLOW**	**67864**
	Groundwater Flow:	ENE		
	Shallow Water Depth:	30		
	Deep Water Depth:	40		
	Average Water Depth:	Not Reported		
	Date:	06/28/1993		

Q199 **WSW** **1/4 - 1/2 Mile** **Higher**	Site ID:	41-0538	**AQUIFLOW**	**67656**
	Groundwater Flow:	ESE		
	Shallow Water Depth:	25		
	Deep Water Depth:	40		
	Average Water Depth:	Not Reported		
	Date:	02/19/1997		

Q200 **WSW** **1/4 - 1/2 Mile** **Higher**	Site ID:	110079	**AQUIFLOW**	**67657**
	Groundwater Flow:	ESE		
	Shallow Water Depth:	25		
	Deep Water Depth:	40		
	Average Water Depth:	Not Reported		
	Date:	02/19/1997		

	Database	EDR ID Number
S201 **North** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000183875**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S004W20H001M	Type:	Well
Description:	Not Reported	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	193802	Well Depth:	445
Well Depth Units:	ft	Well Hole Depth:	445
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
202 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0517 W 18.00 22.86 Not Reported 01/25/1999	**AQUIFLOW**	**67925**
T203 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0249 Not Reported .017 12.3 Not Reported 01/18/1996	**AQUIFLOW**	**67824**
S204 **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0077 ENE 5.98 8.73 Not Reported 06/11/1999	**AQUIFLOW**	**67773**

U205
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000002808**

Well ID:	T0608100449-AW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=AW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=AW-3		

T206
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080107**

Well ID:	T0608100237-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T207
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000912**

Well ID:	T0608100237-AS-2	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=AS-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=AS-2		

T208
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073957**

Well ID:	T0608100237-AS-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=AS-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=AS-1		

T209
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048846**

Well ID:	T0608100237-AS-4	Well Type:	MONITORING
Source:	EDF	Other Name:	AS-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=AS-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=AS-4		

T210
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022874**

Well ID:	T0608100237-EW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=EW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=EW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T211
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000032207**

Well ID:	T0608100237-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-10		

T212
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138010**

Well ID:	T0608100237-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=EW-1		

T213
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073006**

Well ID:	T0608100237-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-5		

T214
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080891**

Well ID:	T0608100237-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U215
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061514**

Well ID:	T0608100449-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-6		

U216
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000022709**

Well ID:	T0608100449-AW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=AW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=AW-4		

T217
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113015**

Well ID:	T0608100237-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-8		

U218
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020423**

Well ID:	T0608100449-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U219
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043717**

Well ID:	T0608100449-AW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=AW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=AW-2		

T220
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133902**

Well ID:	T0608100237-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-7		

U221
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033557**

Well ID:	T0608100449-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-7		

U222
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075668**

Well ID:	T0608100449-PZ-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=PZ-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=PZ-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U223
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000079050**

Well ID:	T0608100449-AW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=AW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=AW-5		

T224
East
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000082496**

Well ID:	T0608100237-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100237&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100237&assigned_name=MW-4		

U225
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000039762**

Well ID:	T0608100449-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-2		

U226
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113419**

Well ID:	T0608100449-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

U227
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128190**

Well ID:	T0608100449-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-5		

U228
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098881**

Well ID:	T0608100449-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=MW-4		

U229
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133060**

Well ID:	T0608100449-AW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	AW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100449&assigned_name=AW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100449&assigned_name=AW-1		

U230
NE
1/2 - 1 Mile
Lower

AQUIFLOW **67179**

Site ID:	41-0597
Groundwater Flow:	NNW
Shallow Water Depth:	7.53
Deep Water Depth:	10.95
Average Water Depth:	Not Reported
Date:	10/26/1992

V231
East
1/2 - 1 Mile
Lower

AQUIFLOW **67826**

Site ID:	110060
Groundwater Flow:	E
Shallow Water Depth:	11
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	05/26/1992

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W232
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003294**

Well ID:	T0608100569-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-7		

W233
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073388**

Well ID:	T0608100569-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-6		

W234
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000102981**

Well ID:	T0608100569-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-10		

W235
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078346**

Well ID:	T0608100569-SB-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=SB-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=SB-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W236
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000014113**

Well ID:	T0608100569-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-5		

W237
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000096127**

Well ID:	T0608100569-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-8		

W238
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054307**

Well ID:	T0608100569-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-2		

W239
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008286**

Well ID:	T0608100569-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

240
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000036401**

State Well #:	Not Reported	Station ID:	55145
Well Name:	152 King Park	Basin Name:	San Mateo Plain
Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	250	Well Completion Rpt #:	817452

W241
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106570**

Well ID:	T0608100569-SB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=SB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=SB-6		

W242
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003048**

Well ID:	T0608100569-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-1		

W243
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000004990**

Well ID:	T0608100569-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X244
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122851**

Well ID:	T0608100025-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MW-1		

X245
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074164**

Well ID:	T0608100025-SOMA-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SOMA-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SOMA-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SOMA-5		

X246
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019157**

Well ID:	T0608100025-SUMP-401-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401-3		

X247
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000012661**

Well ID:	T0608100025-OB-4	Well Type:	MONITORING
Source:	EDF	Other Name:	OB-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=OB-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=OB-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X248
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000076818**

Well ID:	T0608100025-OB-1	Well Type:	MONITORING
Source:	EDF	Other Name:	OB-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=OB-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=OB-1		

X249
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067581**

Well ID:	T0608100025-OB-5	Well Type:	MONITORING
Source:	EDF	Other Name:	OB-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=OB-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=OB-5		

X250
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000021846**

Well ID:	T0608100025-MPE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MPE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MPE-2		

X251
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068240**

Well ID:	T0608100025-SUMP-401 S	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401 S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401 S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401 S		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X252
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000032547**

Well ID:	T0608100025-SOMA-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SOMA-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SOMA-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SOMA-4		

W253
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043734**

Well ID:	T0608100569-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=MW-9		

X254
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120869**

Well ID:	T0608100025-OB-3	Well Type:	MONITORING
Source:	EDF	Other Name:	OB-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=OB-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=OB-3		

X255
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113982**

Well ID:	T0608100025-MPE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MPE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MPE-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X256
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128178**

Well ID:	T0608100025-MPE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MPE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MPE-4		

X257
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000123465**

Well ID:	T0608100025-OB-2	Well Type:	MONITORING
Source:	EDF	Other Name:	OB-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=OB-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=OB-2		

X258
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089826**

Well ID:	T0608100025-MPE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MPE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MPE-5		

X259
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089886**

Well ID:	T0608100025-MPE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MPE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MPE-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X260
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000086768**

Well ID:	T0608100025-(JM)MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	(JM)MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=(JM)MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=(JM)MW-2		

X261
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020796**

Well ID:	T0608100025-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MW-4		

W262
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000081396**

Well ID:	T0608100569-SB-8	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100569&assigned_name=SB-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100569&assigned_name=SB-8		

X263
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000117023**

Well ID:	T0608100025-SUMP-401-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X264
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126471**

Well ID:	T0608100025-MW-3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MW-3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MW-3A		

X265
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078102**

Well ID:	T0608100025-MW-2R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MW-2R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MW-2R		

X266
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034007**

Well ID:	T0608100025-MW-3A-R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3A-R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=MW-3A-R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=MW-3A-R		

X267
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077327**

Well ID:	T0608100025-SUMP-401-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X268
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000084551**

Well ID:	T0608100025-SOMA-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SOMA-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SOMA-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SOMA-1		

V269
East
1/2 - 1 Mile
Lower

AQUIFLOW **67825**

Site ID:	41-0167
Groundwater Flow:	E
Shallow Water Depth:	11
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	05/26/1992

X270
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000084346**

Well ID:	T0608100025-SOMA-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SOMA-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SOMA-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SOMA-3		

271
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000183886**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S004W20B002M	Type:	Well
Description:	Not Reported	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1934	Well Depth:	385
Well Depth Units:	ft	Well Hole Depth:	385
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X272
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131815**

Well ID:	T0608100025-SUMP-401 N	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401 N
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401 N&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401 N		

X273
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063639**

Well ID:	T0608100025-SOMA-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SOMA-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SOMA-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SOMA-2		

X274
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069796**

Well ID:	T0608100025-SUMP-401-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401-5		

X275
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116704**

Well ID:	T0608100025-SUMP-401-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SUMP-401-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100025&assigned_name=SUMP-401-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100025&assigned_name=SUMP-401-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y276
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090182**

Well ID:	SL0608152433-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608152433&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608152433&assigned_name=MW-2		

Y277
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000046020**

Well ID:	SL0608152433-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608152433&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608152433&assigned_name=MW-1		

Y278
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112543**

Well ID:	SL0608152433-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608152433&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608152433&assigned_name=MW-4		

Y279
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119655**

Well ID:	SL0608152433-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608152433&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608152433&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
Z280 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-1029 NE Not Reported Not Reported Not Reported 11/24/1997	**AQUIFLOW**	**67632**
Z281 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110093 E Not Reported Not Reported 11 02/28/1996	**AQUIFLOW**	**67629**
Z282 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0805 E Not Reported Not Reported 11 02/28/1996	**AQUIFLOW**	**67630**
Z283 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110093 E Not Reported Not Reported 11 02/28/1996	**AQUIFLOW**	**67625**
Y284 **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0057 N 3.87 6.50 Not Reported 01/29/1999	**AQUIFLOW**	**67808**
AA285 **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0624 SW 1.82 4.26 Not Reported 01/1997	**AQUIFLOW**	**67190**
AA286 **SE** **1/2 - 1 Mile** **Lower**			**CA WELLS**	**CAEDF0000048716**

Well ID:	T0608100055-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA287
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131329**

Well ID:	T0608100055-B-3	Well Type:	MONITORING
Source:	EDF	Other Name:	B-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=B-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=B-3		

AA288
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000053678**

Well ID:	T0608100055-B-6	Well Type:	MONITORING
Source:	EDF	Other Name:	B-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=B-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=B-6		

AA289
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073792**

Well ID:	T0608100055-B-5	Well Type:	MONITORING
Source:	EDF	Other Name:	B-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=B-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=B-5		

AA290
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000074144**

Well ID:	T0608100055-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA291
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061785**

Well ID:	T0608100055-B-1	Well Type:	MONITORING
Source:	EDF	Other Name:	B-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=B-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=B-1		

AB292
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119491**

Well ID:	T0608100381-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-9		

AA293
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034364**

Well ID:	T0608100055-B-4	Well Type:	MONITORING
Source:	EDF	Other Name:	B-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100055&assigned_name=B-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100055&assigned_name=B-4		

AB294
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000082928**

Well ID:	T0608100381-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB295
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000104094**

Well ID:	T0608100381-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-1		

AB296
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003875**

Well ID:	T0608100381-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-2		

AB297
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120459**

Well ID:	T0608100381-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-4		

AC298
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124881**

Well ID:	T0608100037-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB299
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043672**

Well ID:	T0608100381-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-3		

AB300
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097598**

Well ID:	T0608100381-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-6		

AB301
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000014030**

Well ID:	T0608100381-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100381&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100381&assigned_name=MW-7		

302
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000183893**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S004W17Q001M	Type:	Well
Description:	Not Reported	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	193708	Well Depth:	288
Well Depth Units:	ft	Well Hole Depth:	288

Well Hole Depth Units: ft

303
NW
1/2 - 1 Mile
Lower

AQUIFLOW **67611**

Site ID:	110112
Groundwater Flow:	NE
Shallow Water Depth:	21
Deep Water Depth:	21
Average Water Depth:	21
Date:	10/10/1997

AD304
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000046140**

Well ID:	T0608100572-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-10		

AE305
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **67831**

Site ID:	41-0610
Groundwater Flow:	E
Shallow Water Depth:	7.11
Deep Water Depth:	9.98
Average Water Depth:	Not Reported
Date:	04/02/1999

AC306
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066181**

Well ID:	T0608100037-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-10		

AC307
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124830**

Well ID:	T0608100037-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC308
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000054558**

Well ID:	T0608100037-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-12		

AC309
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000081851**

Well ID:	T0608100037-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-7		

AC310
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093031**

Well ID:	T0608100037-SB-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=SB-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=SB-7		

AD311
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094755**

Well ID:	T0608100572-MW-31A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-31A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-31A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD312
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065514**

Well ID:	T0608100572-MW-31C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-31C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-31C		

AD313
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106222**

Well ID:	T0608100572-MW-31B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-31B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-31B		

AC314
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018445**

Well ID:	T0608100037-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-8		

AF315
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000055060**

Well ID:	T10000002505-SB-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF316
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019191**

Well ID:	T10000002505-SB-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-3		

AF317
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119463**

Well ID:	T10000002505-SB-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-5		

AF318
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000137929**

Well ID:	T10000002505-SB-4	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-4		

AF319
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000126190**

Well ID:	T10000002505-SB-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AG320
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061577**

Well ID:	T0608101468-MW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101468&assigned_name=MW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101468&assigned_name=MW-02		

AD321
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003289**

Well ID:	T0608100572-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-11		

AG322
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000005178**

Well ID:	T0608101468-MW-01	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101468&assigned_name=MW-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101468&assigned_name=MW-01		

AC323
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127809**

Well ID:	T0608100037-SB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=SB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=SB-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC324
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123894**

Well ID:	T0608100037-EW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=EW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=EW-4		

AC325
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071669**

Well ID:	T0608100037-MW-1R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-1R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-1R		

AC326
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000136559**

Well ID:	T0608100037-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-1		

AD327
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063544**

Well ID:	T0600101483-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600101483&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101483&assigned_name=MW-20		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF328
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000082229**

Well ID:	T10000002505-SB-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-7		

AC329
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072665**

Well ID:	T0608100037-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-6		

AC330
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087512**

Well ID:	T0608100037-SB-9	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=SB-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=SB-9		

AG331
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000105720**

Well ID:	T0608101468-MW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101468&assigned_name=MW-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101468&assigned_name=MW-03		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC332
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061549**

Well ID:	T0608100037-EW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=EW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=EW-3		

AE333
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119223**

Well ID:	T0608100037-SB-10	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=SB-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=SB-10		

AF334
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023615**

Well ID:	T10000002505-SB-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-6		

AD335
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116449**

Well ID:	T0608100572-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-18		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC336
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056672**

Well ID:	T0608100037-EW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=EW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=EW-2		

AD337
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018096**

Well ID:	T0608100572-CPT-6	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=CPT-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=CPT-6		

AC338
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000132332**

Well ID:	T0608100037-SB-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=SB-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=SB-5		

AD339
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037191**

Well ID:	T0608100572-MW-11C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-11C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-11C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD340
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000125744**

Well ID:	T0608100572-MW-32A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-32A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-32A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-32A		

AD341
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097168**

Well ID:	T0608100572-MW-32B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-32B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-32B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-32B		

AF342
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113448**

Well ID:	T10000002505-SB-9	Well Type:	MONITORING
Source:	EDF	Other Name:	SB-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002505&assigned_name=SB-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002505&assigned_name=SB-9		

AD343
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095793**

Well ID:	T0608100572-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-17		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC344
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087521**

Well ID:	T0608100037-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=EW-1		

AC345
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104055**

Well ID:	T0608100037-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100037&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100037&assigned_name=MW-5		

AD346
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000080438**

Well ID:	T0608100572-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-26		

AD347
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074737**

Well ID:	T0608100572-MW-26B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-26B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-26B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD348
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045536**

Well ID:	T0608100572-MW-38A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-38A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-38A		

AD349
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045781**

Well ID:	T10000007144-MW-B11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-B11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000007144&assigned_name=MW-B11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000007144&assigned_name=MW-B11		

AD350
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000037886**

Well ID:	T0608100572-MW-38B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-38B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-38B		

AD351
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000002372**

Well ID:	T0608100572-DPE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=DPE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=DPE-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD352
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000023640**

Well ID:	T0608100572-MW-28B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-28B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-28B		

AD353
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000050560**

Well ID:	T10000007144-MW-B13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-B13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000007144&assigned_name=MW-B13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000007144&assigned_name=MW-B13		

AD354
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119567**

Well ID:	T10000007144-MW-B12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-B12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000007144&assigned_name=MW-B12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000007144&assigned_name=MW-B12		

AD355
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121330**

Well ID:	T0608100572-MW-28C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-28C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-28C		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD356
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000079058**

Well ID:	T0608100572-MW-28A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-28A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-28A		

AD357
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061121**

Well ID:	T0608100572-MW-38C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-38C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-38C		

AD358
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070333**

Well ID:	T0608100572-TVW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	TVW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=TVW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=TVW-1		

AD359
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102122**

Well ID:	T0608100572-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-25		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD360
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096833**

Well ID:	T0608100572-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-3		

AD361
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000051850**

Well ID:	T10000007144-MW-B14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-B14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000007144&assigned_name=MW-B14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000007144&assigned_name=MW-B14		

AH362
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034321**

Well ID:	T0608101097-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101097&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101097&assigned_name=MW-11		

AD363
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000007178**

Well ID:	T0608100572-MW-30A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-30A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-30A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD364
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097365**

Well ID:	T0608100572-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-16		

AD365
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096576**

Well ID:	T0608100572-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-8		

AD366
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000015997**

Well ID:	T0608100572-MW-16A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-16A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-16A		

AD367
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000085798**

Well ID:	T0608100572-TVW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	TVW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=TVW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=TVW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD368
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129928**

Well ID:	T0608100572-O-6	Well Type:	MONITORING
Source:	EDF	Other Name:	O-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=O-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=O-6		

AD369
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000136396**

Well ID:	T0608100572-O-4	Well Type:	MONITORING
Source:	EDF	Other Name:	O-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=O-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=O-4		

AD370
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000050636**

Well ID:	T0608100572-MW-40A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-40A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-40A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-40A		

AD371
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000006585**

Well ID:	T0608100572-MW-40C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-40C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-40C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-40C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD372
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009667**

Well ID:	T0608100572-O-5	Well Type:	MONITORING
Source:	EDF	Other Name:	O-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=O-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=O-5		

AD373
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045504**

Well ID:	T0608100572-MW-40B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-40B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-40B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-40B		

AD374
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055201**

Well ID:	T0608100572-MW-39A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-39A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-39A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-39A		

AD375
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071476**

Well ID:	T0608100572-MW-42A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-42A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-42A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-42A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD376
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000103938**

Well ID:	T0608100572-MW-42B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-42B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-42B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-42B		

AD377
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074486**

Well ID:	T0608100572-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-5		

AD378
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000120349**

Well ID:	T0608100572-MW-29B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-29B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-29B		

AD379
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062737**

Well ID:	T0608100572-MW-39C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-39C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-39C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-39C		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD380
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000023743**

Well ID:	T0608100572-MW-29A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-29A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-29A		

AD381
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000034313**

Well ID:	T0608100572-MW-39B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-39B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-39B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-39B		

AD382
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059382**

Well ID:	T0608100572-TVW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	TVW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=TVW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=TVW-5		

AD383
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000103607**

Well ID:	T10000005274-AR-4B	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-4B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-4B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-4B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD384
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082071**

Well ID:	T10000005274-AR-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-4A		

AD385
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072882**

Well ID:	T0608100572-MW-30B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-30B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-30B		

AD386
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128217**

Well ID:	T0608100572-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-1		

AD387
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071872**

Well ID:	T0608100572-MW-27B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-27B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-27B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AH388
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000060991**

Well ID:	T0608101097-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101097&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101097&assigned_name=MW-10		

AD389
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107068**

Well ID:	T0608100572-MW-41A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-41A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-41A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-41A		

AD390
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097423**

Well ID:	T0608100572-MW-41C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-41C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-41C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-41C		

AD391
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044497**

Well ID:	T0608100572-TVW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	TVW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=TVW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=TVW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD392
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000115717**

Well ID:	T0608100572-MW-41B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-41B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-41B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-41B		

AD393
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129964**

Well ID:	T0608100572-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-6		

AH394
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000015868**

Well ID:	T0608100572-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-12		

AH395
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000071870**

Well ID:	T10000005274-AR-6A	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-6A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-6A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-6A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD396
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119484**

Well ID:	T0608100572-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-2		

AI397
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066731**

Well ID:	T0608100572-MW-37C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-37C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-37C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-37C		

AD398
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108341**

Well ID:	T0608100572-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-19		

AD399
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073089**

Well ID:	T0608100572-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AH400
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000109025**

Well ID:	T0608101097-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101097&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101097&assigned_name=MW-9		

AD401
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140102**

Well ID:	T0608100572-TVW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	TVW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=TVW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=TVW-6		

AD402
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038842**

Well ID:	T0608100572-DPE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=DPE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=DPE-1		

AD403
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000036540**

Well ID:	T0608100572-O-1	Well Type:	MONITORING
Source:	EDF	Other Name:	O-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=O-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=O-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD404
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106889**

Well ID:	T0608100572-O-2	Well Type:	MONITORING
Source:	EDF	Other Name:	O-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=O-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=O-2		

AD405
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116223**

Well ID:	T0608100572-O-3	Well Type:	MONITORING
Source:	EDF	Other Name:	O-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=O-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=O-3		

AD406
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000036315**

Well ID:	T0608100572-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-4		

AH407
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066133**

Well ID:	T0608101097-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608101097&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608101097&assigned_name=MW-8		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ408
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074027**

Well ID:	T0608100572-MW-33B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-33B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-33B		

AJ409
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040247**

Well ID:	T0608100572-MW-33A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-33A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-33A		

AJ410
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000081941**

Well ID:	T0608100572-MW-34B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-34B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-34B		

AJ411
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000067883**

Well ID:	T0608100572-MW-34A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-34A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-34A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
AH412 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110049 E Not Reported Not Reported 6.5 12/15/1992	**AQUIFLOW**	**67194**
AH413 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0628 E Not Reported Not Reported 6.5 12/15/1992	**AQUIFLOW**	**67195**
AH414 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0927 Not Reported Not Reported Not Reported 5 05/03/1999	**AQUIFLOW**	**67402**

AI415
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140150**

Well ID:	T0608100572-MW-4B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-4B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-4B		

AI416
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000074861**

Well ID:	T0608100572-MW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-4A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AI417
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045105**

Well ID:	T10000005274-AR-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-1B		

AI418
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000006318**

Well ID:	T10000005274-AR-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-1A		

AI419
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072562**

Well ID:	T0608100572-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-22		

AI420
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094706**

Well ID:	T0608100572-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AI421
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000120537**

Well ID:	T10000005274-AR-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-2A		

AI422
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000067668**

Well ID:	T10000005274-AR-2B	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-2B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-2B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-2B		

AJ423
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000109758**

Well ID:	T0608100572-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-7		

AI424
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119750**

Well ID:	T0608100572-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-21		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
AH425 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0727 NE 4.44 6.21 Not Reported 12/16/1994	**AQUIFLOW**	**67805**

AI426
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121944**

Well ID:	T0608100572-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-13		

AI427
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000118217**

Well ID:	T10000005274-AR-5A	Well Type:	MONITORING
Source:	EDF	Other Name:	AR-5A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-5A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-5A		

AI428
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065270**

Well ID:	T0608100572-MW-21A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-21A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-21A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ429
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016893**

Well ID:	T0608100572-MW-35B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-35B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-35B		

AJ430
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035092**

Well ID:	T0608100572-MW-35A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-35A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-35A		

AJ431
SSE
1/2 - 1 Mile
Higher

Site ID:	41-0600
Groundwater Flow:	ENE
Shallow Water Depth:	11.45
Deep Water Depth:	26.95
Average Water Depth:	Not Reported
Date:	10/01/1993

AQUIFLOW **67188**

AI432
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000111618**

Well ID:	T0608100572-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=MW-24		

AI433
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000071378**

Well ID:	T0608100572-CPT-5	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-5

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100572&assigned_name=CPT-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100572&assigned_name=CPT-5

AI434
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108163**

Well ID: T10000005274-AR-3B
Well Type: MONITORING
Source: EDF
Other Name: AR-3B
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-3B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-3B

AI435
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000083424**

Well ID: T10000005274-AR-3A
Well Type: MONITORING
Source: EDF
Other Name: AR-3A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000005274&assigned_name=AR-3A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000005274&assigned_name=AR-3A

436
SE
1/2 - 1 Mile
Lower

AQUIFLOW **67192**

Site ID: 41-0303
Groundwater Flow: NNE
Shallow Water Depth: 5
Deep Water Depth: 10
Average Water Depth: Not Reported
Date: 05/25/1999

AK437
NW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000002148**

Well ID: 4100518-001
Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL #1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4100518-001&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AK438
NW
1/2 - 1 Mile
Higher

CA WELLS **4840**

Seq:	4840	Prim sta c:	04S/04W-20D02 M
Frds no:	4100518001	County:	41
District:	71	User id:	41C
System no:	4100518	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	373440.0	Longitude:	1221943.0
Precision:	2	Status:	AR
Comment 1:	BOILER ROOM	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4100518	System nam:	San Mateo High School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

439
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000055890**

Well ID:	T0608100600-8252-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	8252-MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100600&assigned_name=8252-MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100600&assigned_name=8252-MW2		

1G
NW
1/2 - 1 Mile
Lower

Site ID:	110112
Groundwater Flow:	NE
Shallow Water Depth:	21
Deep Water Depth:	21
Average Water Depth:	21
Date:	10/10/1997

AQUIFLOW **67611**

2G
North
1/2 - 1 Mile
Lower

Site ID:	41-0077
Groundwater Flow:	ENE
Shallow Water Depth:	5.98
Deep Water Depth:	8.73
Average Water Depth:	Not Reported
Date:	06/11/1999

AQUIFLOW **67773**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
3G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0597 NNW 7.53 10.95 Not Reported 10/26/1992	**AQUIFLOW**	**67179**
4G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0610 E 7.11 9.98 Not Reported 04/02/1999	**AQUIFLOW**	**67831**
5G **NNE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0166 WSW 5.98 10.20 Not Reported 01/04/1994	**AQUIFLOW**	**67954**
6G **North** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000930 E 13.70 14.92 Not Reported 06/28/1999	**AQUIFLOW**	**67713**
7G **North** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0640 E 13.70 14.92 Not Reported 06/28/1999	**AQUIFLOW**	**67714**
8G **WNW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0672 ENE 14.80 23.64 Not Reported 05/24/1999	**AQUIFLOW**	**67790**
9G **East** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0870 NE 11.26 12.3 Not Reported 05/01/1997	**AQUIFLOW**	**67606**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
10G **NW** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110123 SE 12.02 12.65 Not Reported 07/07/1999	**AQUIFLOW**	**67725**
11G **NW** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0035 E 15.08 17.56 Not Reported 02/25/1998	**AQUIFLOW**	**67835**
12G **NNE** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0444 E 9.87 11.68 Not Reported 05/24/1999	**AQUIFLOW**	**67720**
13G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0933 NE 20.20 28.53 Not Reported 06/1996	**AQUIFLOW**	**67787**
14G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0360 NNW 12.35 24.62 Not Reported 12/12/1998	**AQUIFLOW**	**67733**
15G **WNW** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0083 S 9.03 10.08 Not Reported 04/16/1997	**AQUIFLOW**	**67729**
16G **East** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0754 E 8.77 12.16 Not Reported 01/14/1998	**AQUIFLOW**	**67829**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
17G **WNW** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0665 E 15.33 16.71 Not Reported 08/16/1994	**AQUIFLOW**	**67755**
18G **West** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0503 ESE 16.36 17.79 Not Reported 02/19/1999	**AQUIFLOW**	**67749**
19G **West** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0987 Not Reported 12.85 13.41 Not Reported 04/16/1999	**AQUIFLOW**	**67758**
20G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0167 E 11 Not Reported Not Reported 05/26/1992	**AQUIFLOW**	**67825**
21G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110060 E 11 Not Reported Not Reported 05/26/1992	**AQUIFLOW**	**67826**
22G **West** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0911 E 10.79 17.56 Not Reported 09/16/1996	**AQUIFLOW**	**67820**
23G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0249 Not Reported .017 12.3 Not Reported 01/18/1996	**AQUIFLOW**	**67824**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
24G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0517 W 18.00 22.86 Not Reported 01/25/1999	**AQUIFLOW**	**67925**
25G **SW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0286 Not Reported 19.93 21.7 Not Reported 06/30/1989	**AQUIFLOW**	**67634**
26G **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0538 ESE 25 40 Not Reported 02/19/1997	**AQUIFLOW**	**67656**
27G **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110079 ESE 25 40 Not Reported 02/19/1997	**AQUIFLOW**	**67657**
28G **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0355 ENE 30 40 Not Reported 06/28/1993	**AQUIFLOW**	**67864**
29G **SSW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	119117 Not Reported 15 20 Not Reported 06/24/1998	**AQUIFLOW**	**67620**
30G **SSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	119117 Not Reported 15 20 Not Reported 06/24/1998	**AQUIFLOW**	**67618**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
31G **SSE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	410641 N 9.87 11.41 Not Reported 06/21/1999	**AQUIFLOW**	**67943**
32G **South** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110067 NE 18 19 Not Reported 06/01/1998	**AQUIFLOW**	**67681**
33G **South** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110067 NE 18 19 Not Reported 06/01/1998	**AQUIFLOW**	**67679**
34G **SSE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0756 N 9.87 11.41 Not Reported 06/21/1999	**AQUIFLOW**	**67942**
35G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-1029 NE Not Reported Not Reported Not Reported 11/24/1997	**AQUIFLOW**	**67632**
36G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110093 E Not Reported Not Reported 11 02/28/1996	**AQUIFLOW**	**67629**
37G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0805 E Not Reported Not Reported 11 02/28/1996	**AQUIFLOW**	**67630**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
38G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110093 E Not Reported Not Reported 11 02/28/1996	**AQUIFLOW**	**67625**
39G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0057 N 3.87 6.50 Not Reported 01/29/1999	**AQUIFLOW**	**67808**
40G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0624 SW 1.82 4.26 Not Reported 01/1997	**AQUIFLOW**	**67190**
41G **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0303 NNE 5 10 Not Reported 05/25/1999	**AQUIFLOW**	**67192**
42G **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110049 E Not Reported Not Reported 6.5 12/15/1992	**AQUIFLOW**	**67194**
43G **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0628 E Not Reported Not Reported 6.5 12/15/1992	**AQUIFLOW**	**67195**
44G **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0927 Not Reported Not Reported Not Reported 5 05/03/1999	**AQUIFLOW**	**67402**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
45G **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0727 NE 4.44 6.21 Not Reported 12/16/1994	**AQUIFLOW**	**67805**
46G **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0600 ENE 11.45 26.95 Not Reported 10/01/1993	**AQUIFLOW**	**67188**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94402	141	6

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94402

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.400 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

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APPENDIX C

AERIAL PHOTOGRAPHS

Appendix C
Historical Aerial Photographs Review
524 East 4th Avenue and 402 South Delaware Street
San Mateo, California

Subject Property

Date	Photo Quality	Comments
1943	Poor	Four to five buildings are shown on the site. Poor resolution prevents further determination.
1946	Fair	Five residences are present on the subject property.
1956	Fair	No significant change to the property compared to the 1946 photograph.
1963	Good	One residence and garage remain on the subject property.
1968	Fair	One building is present on the site.
1974	Good	The site is in use as a gas station with two buildings and a canopy.
1982	Fair	No significant change to the property compared to the 1974 photograph.
1993	Good	No significant change to the property compared to the 1982 photograph.
1998	Fair	No significant change to the property compared to the 1993 photograph.
2005	Good	No significant change to the property compared to the 1998 photograph.
2009	Good	No significant change to the property compared to the 2005 photograph.
2012	Good	No significant change to the property compared to the 2009 photograph.
2016	Good	No significant change to the property compared to the 2012 photograph. The site is shown as currently existing

Adjacent Properties

Date	Photo Quality	Comments
1943	Poor	The surrounding area is developed with primarily residential buildings and some commercial buildings. A lumber yard/mill is present south of the site.
1946	Fair	The adjacent property to the west is in use as a lumber yard.
1956	Fair	The property immediately west of the site is a gas station. Two gas station are present northeast of the site across Delaware Street.
1963	Good	No significant change to the vicinity compared to the 1956 photograph.
1968	Fair	No significant change to the vicinity compared to the 1963 photograph.
1974	Good	The property immediately west of the site no longer appears in use as a gas station.
1982	Fair	No significant change to the vicinity compared to the 1974 photograph.
1993	Good	A gas station is present north of the site. The gas station formerly northeast of the site no longer appears in use as a gas station. The lumber yard farther south of the site no longer appears in use.
1998	Fair	The former lumber mill area south of the site is being redeveloped.
2005	Good	No significant change to the vicinity compared to the 1998 photograph.
2009	Good	No significant change to the vicinity compared to the 2005 photograph.
2012	Good	No significant change to the vicinity compared to the 2009 photograph.
2016	Good	No notable change to the property compared to the 2012 photograph. The site vicinity is shown as currently existing.

524 E. 4th Avenue

524 E. 4th Avenue

San Mateo, CA 94402

Inquiry Number: 6629448.8

August 20, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

08/20/21

Site Name:

524 E. 4th Avenue
524 E. 4th Avenue
San Mateo, CA 94402
EDR Inquiry # 6629448.8

Client Name:

PES Environmental, Inc.
7665 Redwood Blvd
Novato, CA 94945
Contact: Julie Turnross

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: August 29, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 08, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 24, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: September 08, 1956	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1943	1"=500'	Flight Date: October 11, 1943	USDA

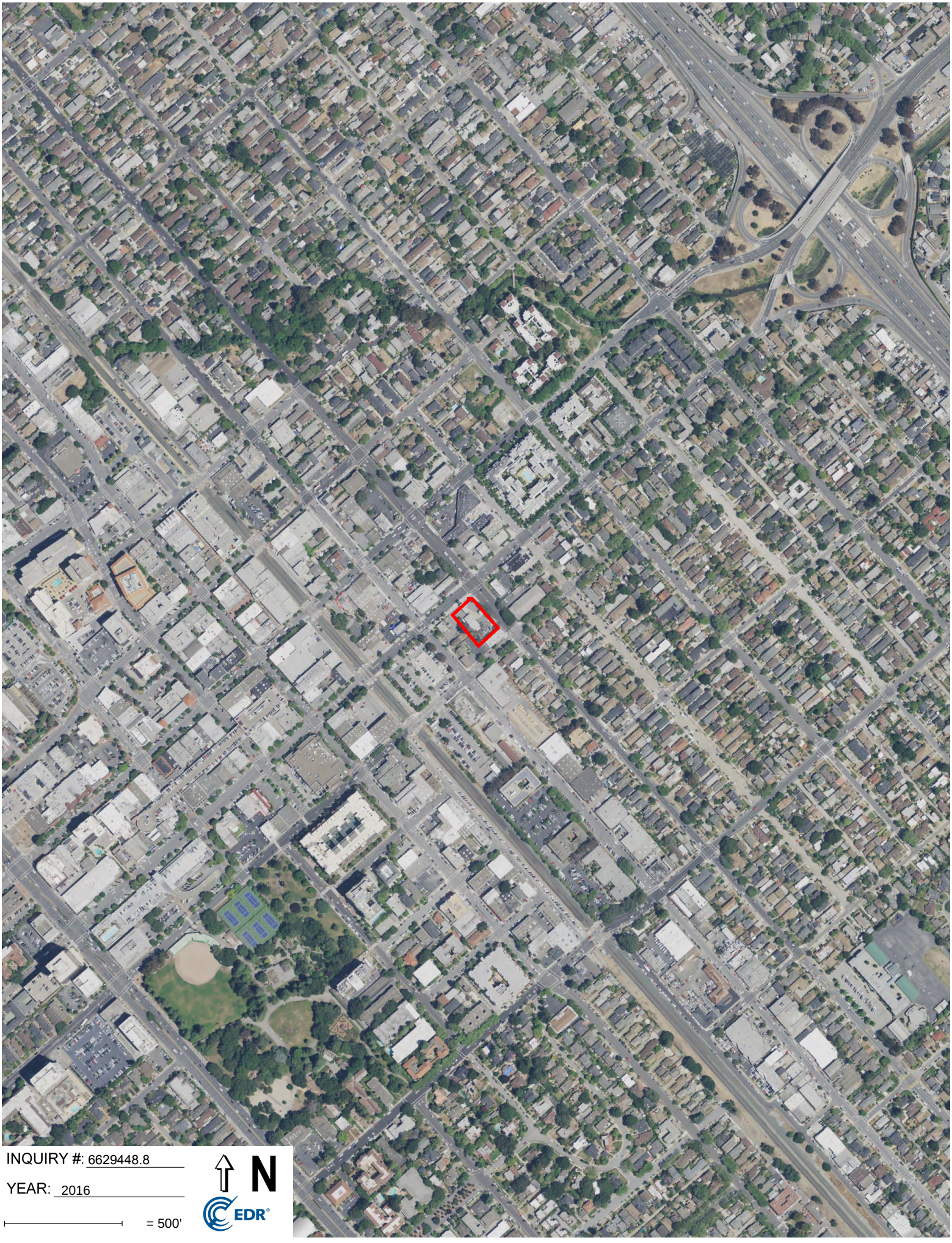
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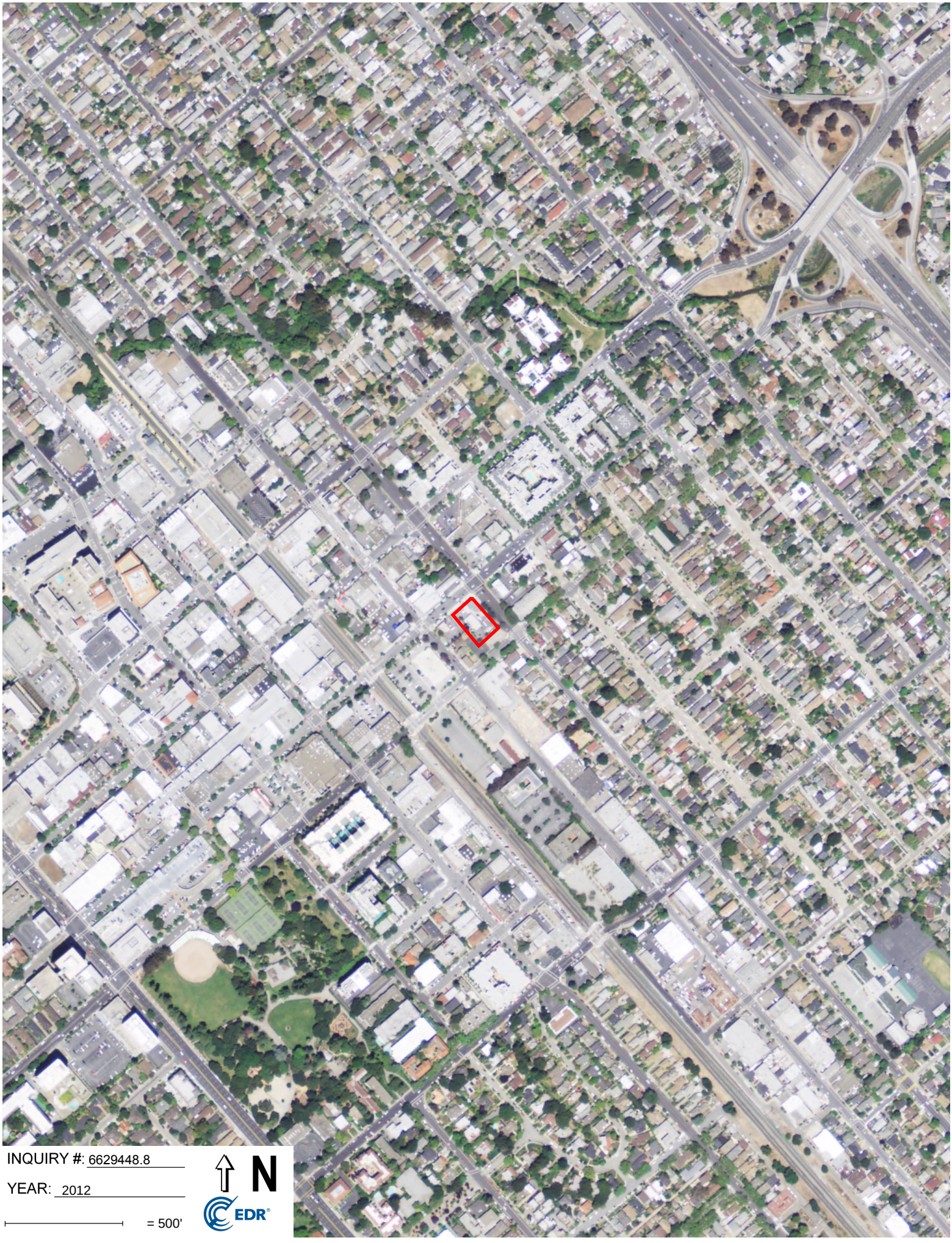
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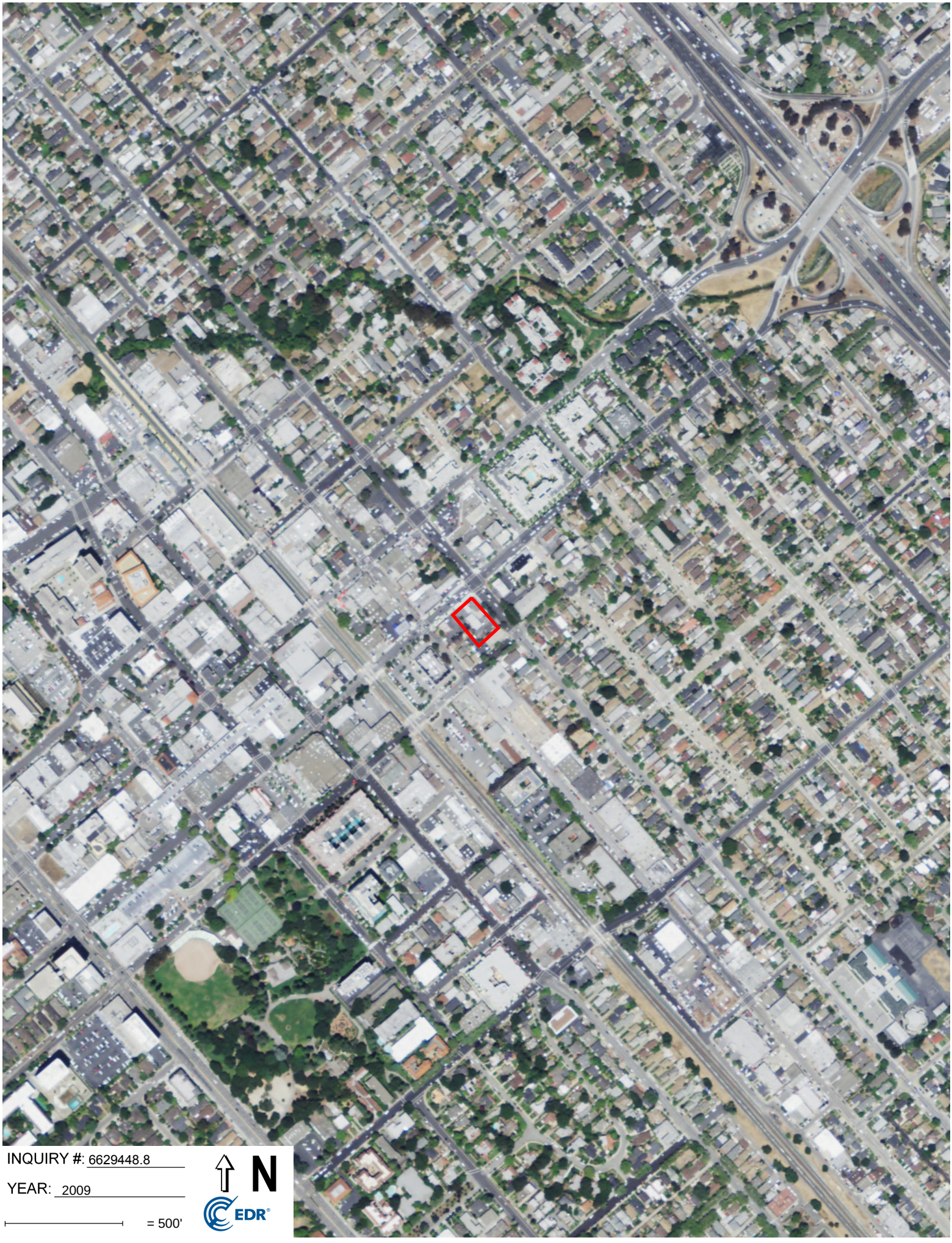
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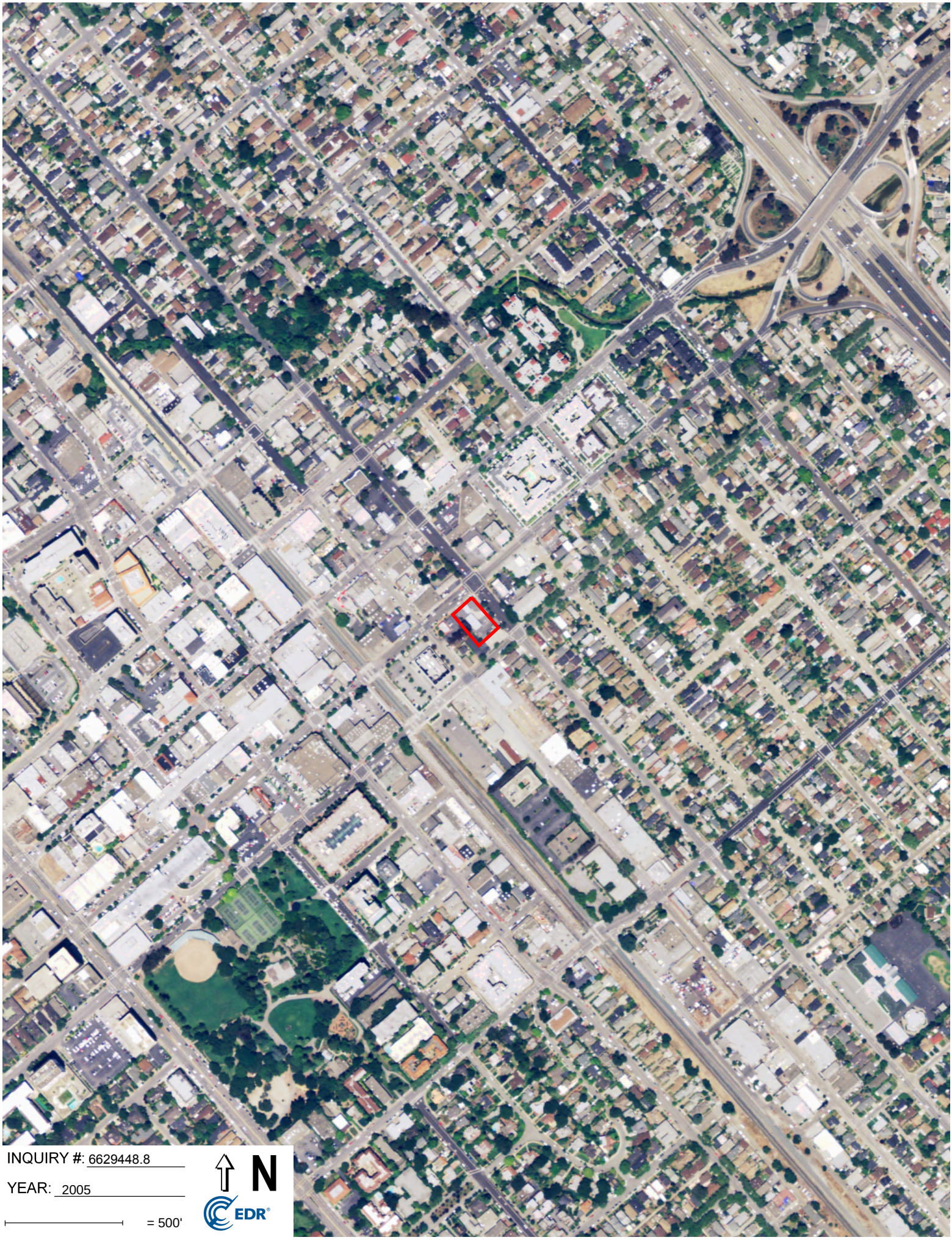
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= 500'
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EDR


INQUIRY #: 6629448.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6629448.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6629448.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 6629448.8
YEAR: 1998
= 500'
N
EDR



INQUIRY #: 6629448.8

YEAR: 1993

= 500'

N

EDR



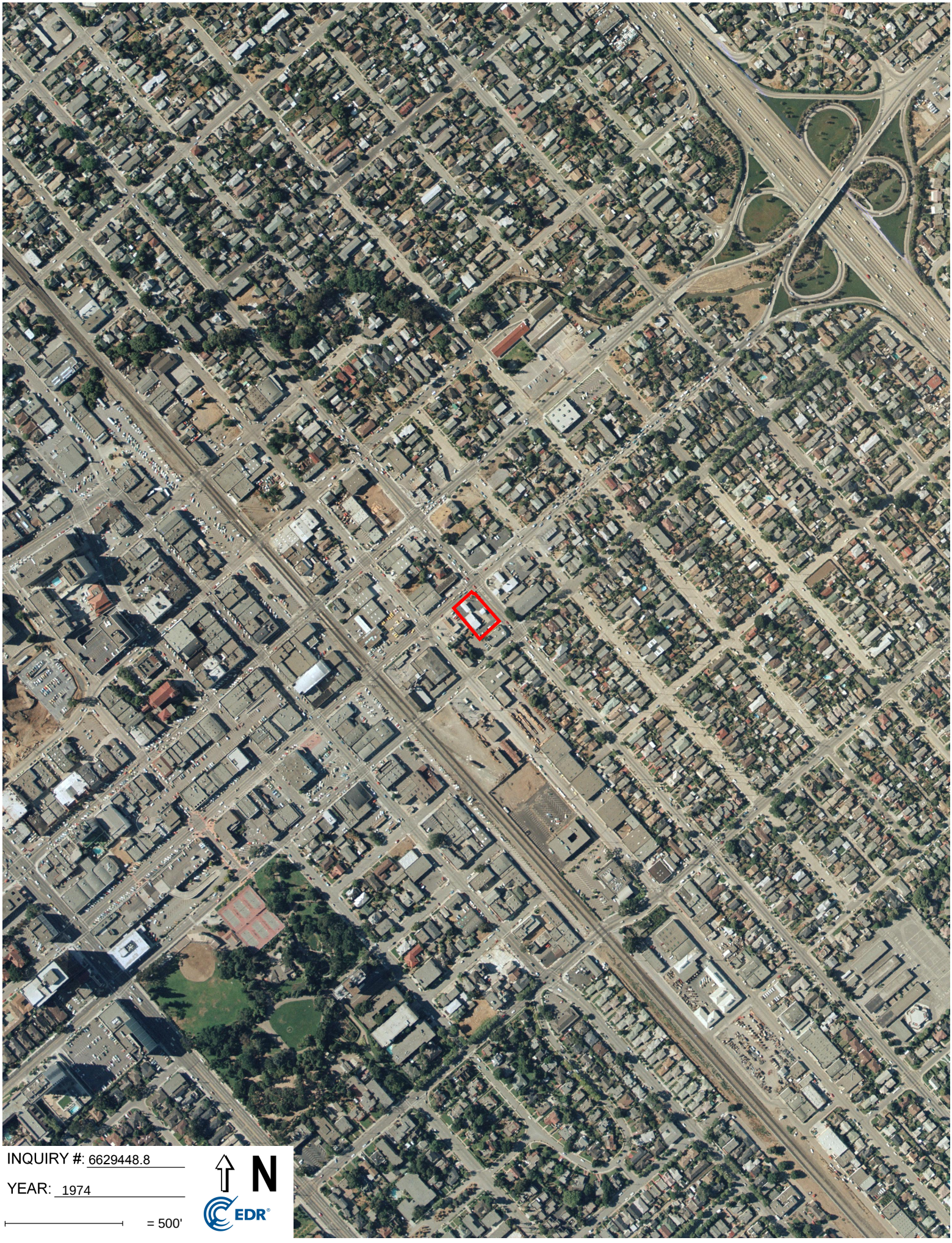
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YEAR: 1982

= 500'

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EDR


INQUIRY #: 6629448.8
YEAR: 1974
= 500'
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EDR


INQUIRY #: 6629448.8
YEAR: 1968
= 500'
N
EDR



INQUIRY #: 6629448.8

YEAR: 1963

= 500'

N

EDR


INQUIRY #: 6629448.8
YEAR: 1956
= 500'
N
EDR



INQUIRY #: 6629448.8

YEAR: 1946

= 500'

N

EDR



INQUIRY #: 6629448.8

YEAR: 1943

= 500'

N

EDR

APPENDIX D

SANBORN® FIRE INSURANCE MAPS

Appendix D
Historical Sanborn Fire Insurance Maps Review
524 East 4th Avenue and 402 South Delaware Street
San Mateo, California

Subject Property

Date	Comments
1888	The site is occupied by four residences and associated outbuildings.
1891	One of the small residences on the site has been replaced by a larger one.
1897	No significant change to the site compared to the 1891 map.
1901	No significant change to the site compared to the 1897 map.
1908	One of the residences on the site is now shown as Merchants Hotel.
1920	The former hotel is now shown as apartments.
1950	One of the residences has been removed from the site, and two buildings labeled as "Rooms" are present.
1953	Four residences and two garages remain onsite.
1956	The map shows the residences as present on the 1950 map.
1961	Only three residences remain on the subject property.
1969	The site is shown as a gas station with one building present.

Adjacent Properties

Date	Comments
1888	The site vicinity is residential with several vacant lots. The area southeast of 5th Avenue is shown as grain land.
1891	No significant change to the site vicinity compared to the 1888 map.
1897	San Mateo Electric Light Company is present farther southwest of the site.
1901	No significant change to the site vicinity compared to the 1897 map.
1908	The previously vacant lot immediately west of the site is now occupied by a residence and an associated outbuilding. Additional commercial businesses are present farther southwest of the site, including a lumber yard and planning mill. A lumber yard and planning mill is also present southwest of 5th Avenue.
1920	The residence immediately west of the site is now shown as storage. A PG&E substation and a warehouse are present farther west of the site. Residences have been constructed southwest of 5th Avenue.
1950	The property immediately west of the site is now occupied by a lumber yard. Additional residences are present in the site vicinity and southwest of 5th Avenue.
1953	The property immediately west of the site is shown as a gas station. Two gas stations are present northeast of the site across Delaware Street.
1956	The site vicinity is as shown as on the 1950 map.
1961	A printing company is present northwest of the site, and several auto repair facilities are present farther west of the site.
1969	An additional gas station is present north of the site across the intersection of 4th Avenue and Delaware Street.

524 E. 4th Avenue

524 E. 4th Avenue

San Mateo, CA 94402

Inquiry Number: 6629448.3

August 22, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

08/22/21

Site Name:

524 E. 4th Avenue
524 E. 4th Avenue
San Mateo, CA 94402
EDR Inquiry # 6629448.3

Client Name:

PES Environmental, Inc.
7665 Redwood Blvd
Novato, CA 94945
Contact: Julie Turnross

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Certified Sanborn Results:

Certification # 2038-4969-8F0B

PO # NA

Project 1409.019.01.001

Maps Provided:

1969	1897
1961	1891
1956	1888
1953	
1950	
1920	
1908	
1901	

Sanborn® Library search results

Certification #: 2038-4969-8F0B

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- ☑ University Publications of America
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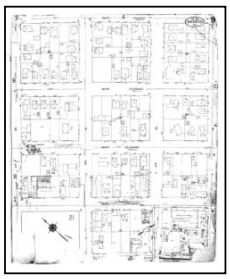


Volume 1, Sheet 9
1969

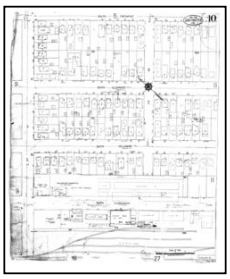


Volume 1, Sheet 10
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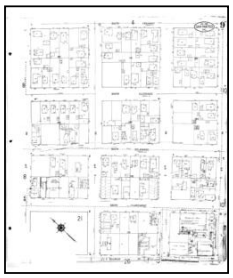


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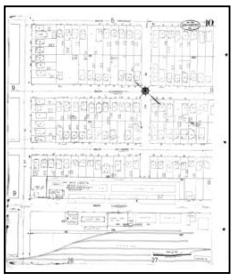


Volume 1, Sheet 10
1961

1956 Source Sheets

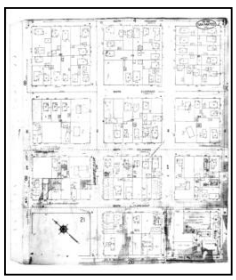


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1956

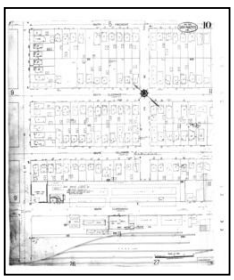


Volume 1, Sheet 10
1956

1953 Source Sheets



Volume 1, Sheet 9
1953



Volume 1, Sheet 10
1953

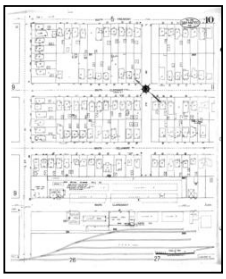
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1950 Source Sheets



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1950

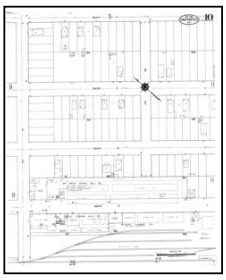


Volume 1, Sheet 10
1950

1920 Source Sheets

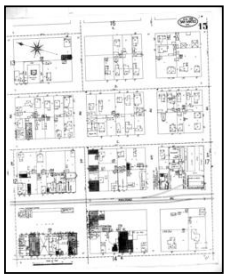


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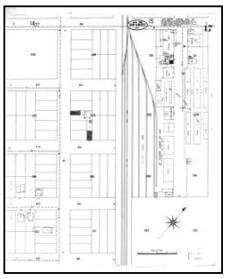


Volume 1, Sheet 10
1920

1908 Source Sheets



Volume 1, Sheet 15
1908



Volume 1, Sheet 17
1908

1901 Source Sheets



Volume 1, Sheet 11
1901

Sanborn Sheet Key

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1897 Source Sheets



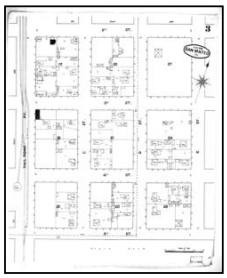
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1897

1891 Source Sheets

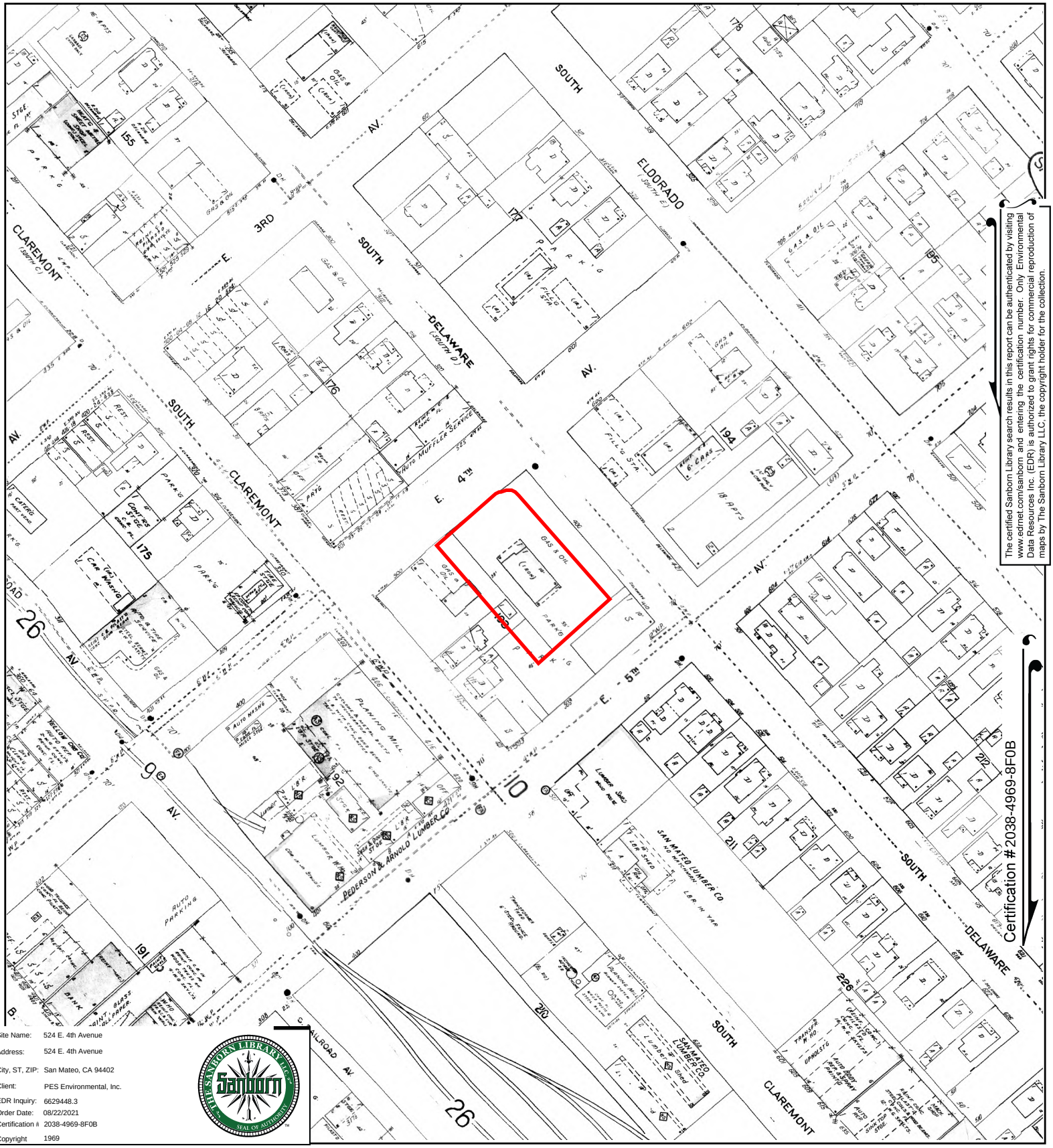


Volume 1, Sheet 3
1891

1888 Source Sheets



Volume 1, Sheet 3
1888



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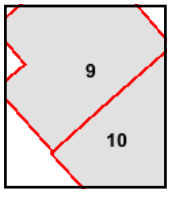
Certification #2038-4969-8F0B

Site Name:	524 E. 4th Avenue
Address:	524 E. 4th Avenue
City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #:	2038-4969-8F0B
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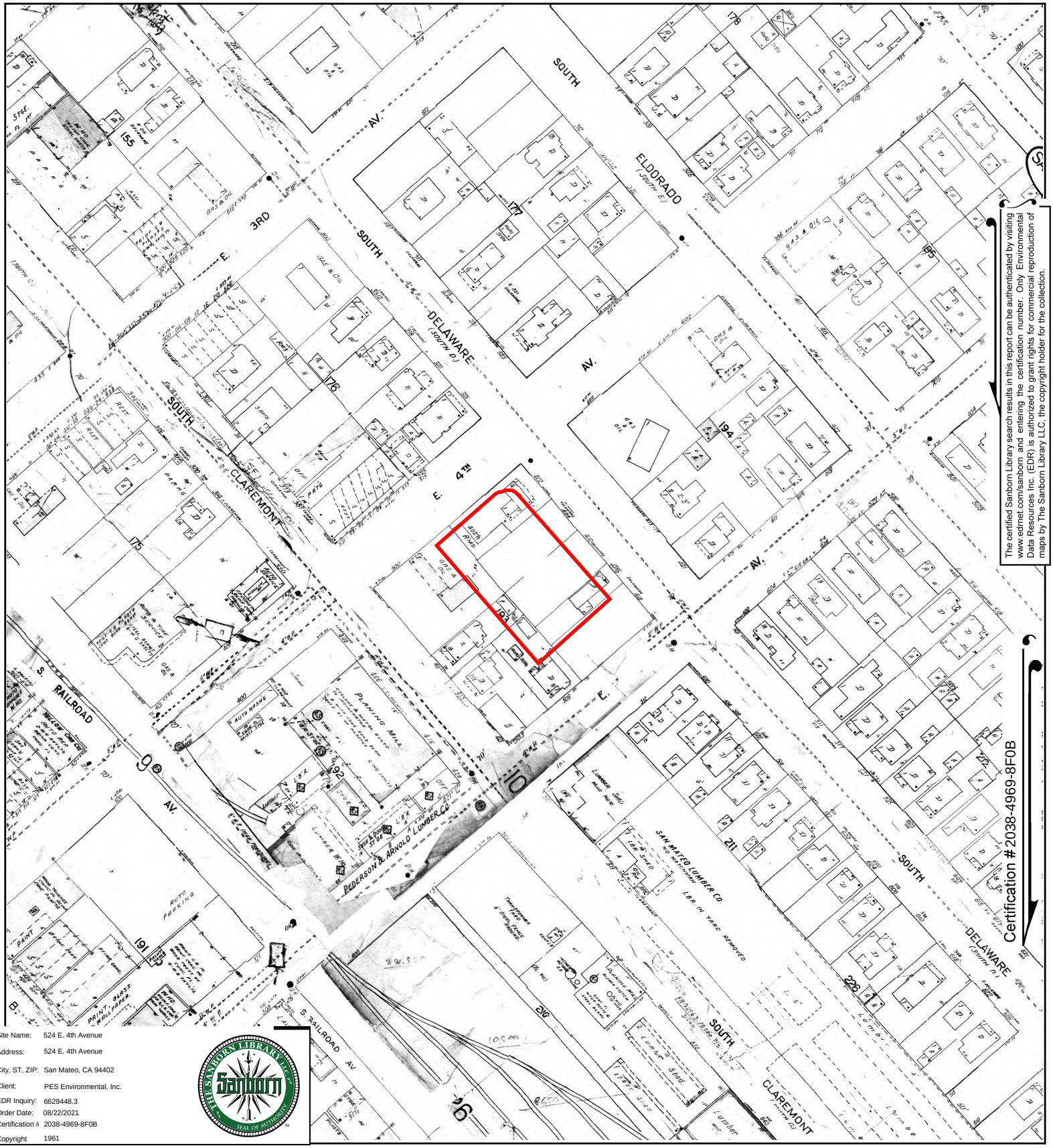
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Volume 1, Sheet 10
Volume 1, Sheet 9

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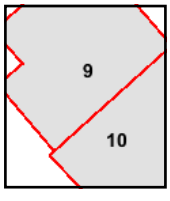
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Certification #2038-4969-8F0B

Site Name:	524 E. 4th Avenue
Address:	524 E. 4th Avenue
City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #	2038-4969-8F0B
Copyright	1961

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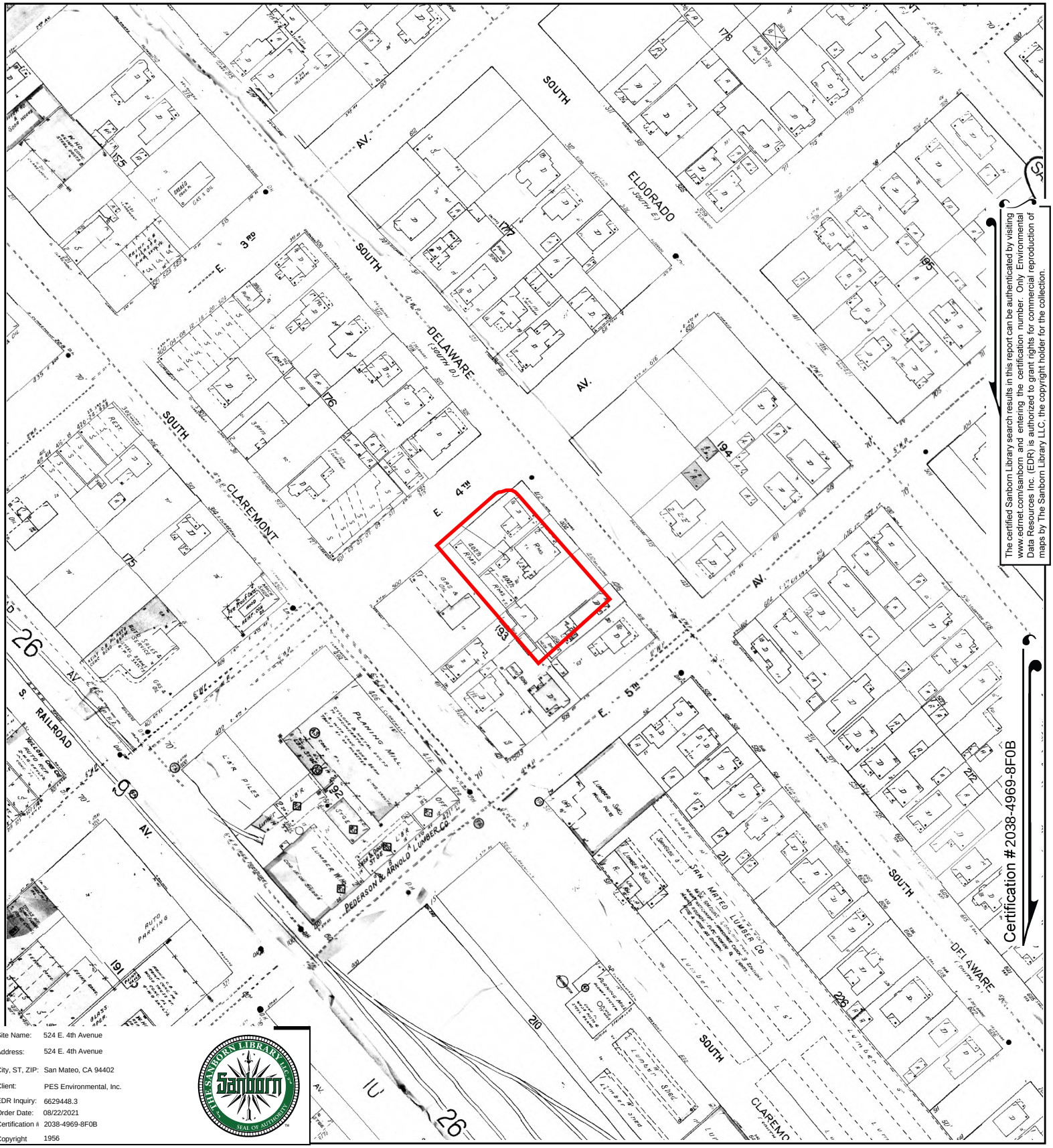




Volume 1, Sheet 10
Volume 1, Sheet 9

0 Feet 150 300 600

N



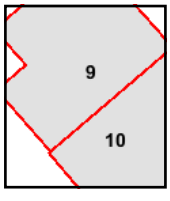
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Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #:	2038-4969-8F0B
Copyright	1956

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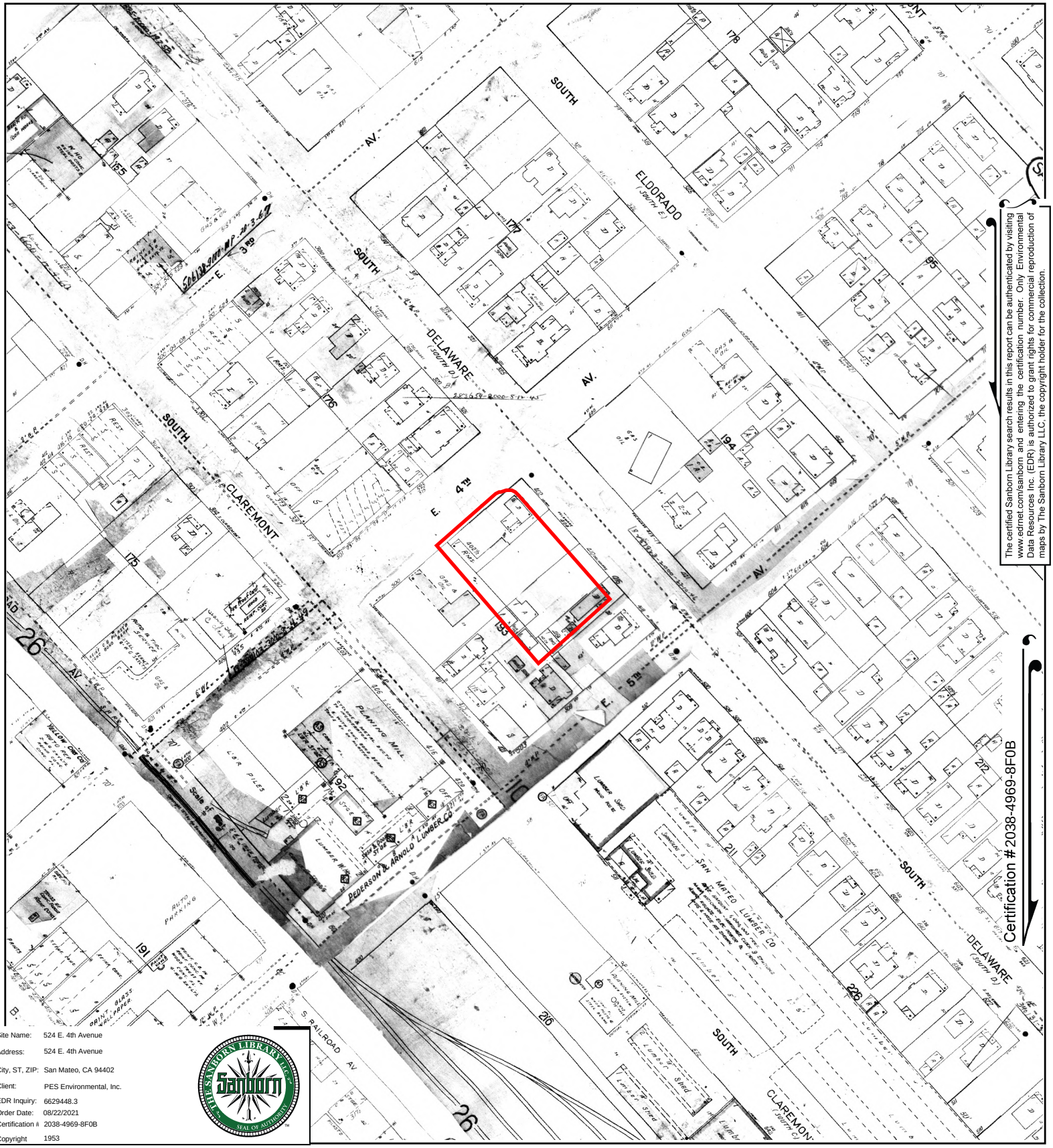




Volume 1, Sheet 10
Volume 1, Sheet 9

0 Feet 150 300 600

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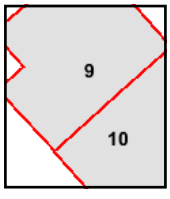
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City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
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Copyright	1953

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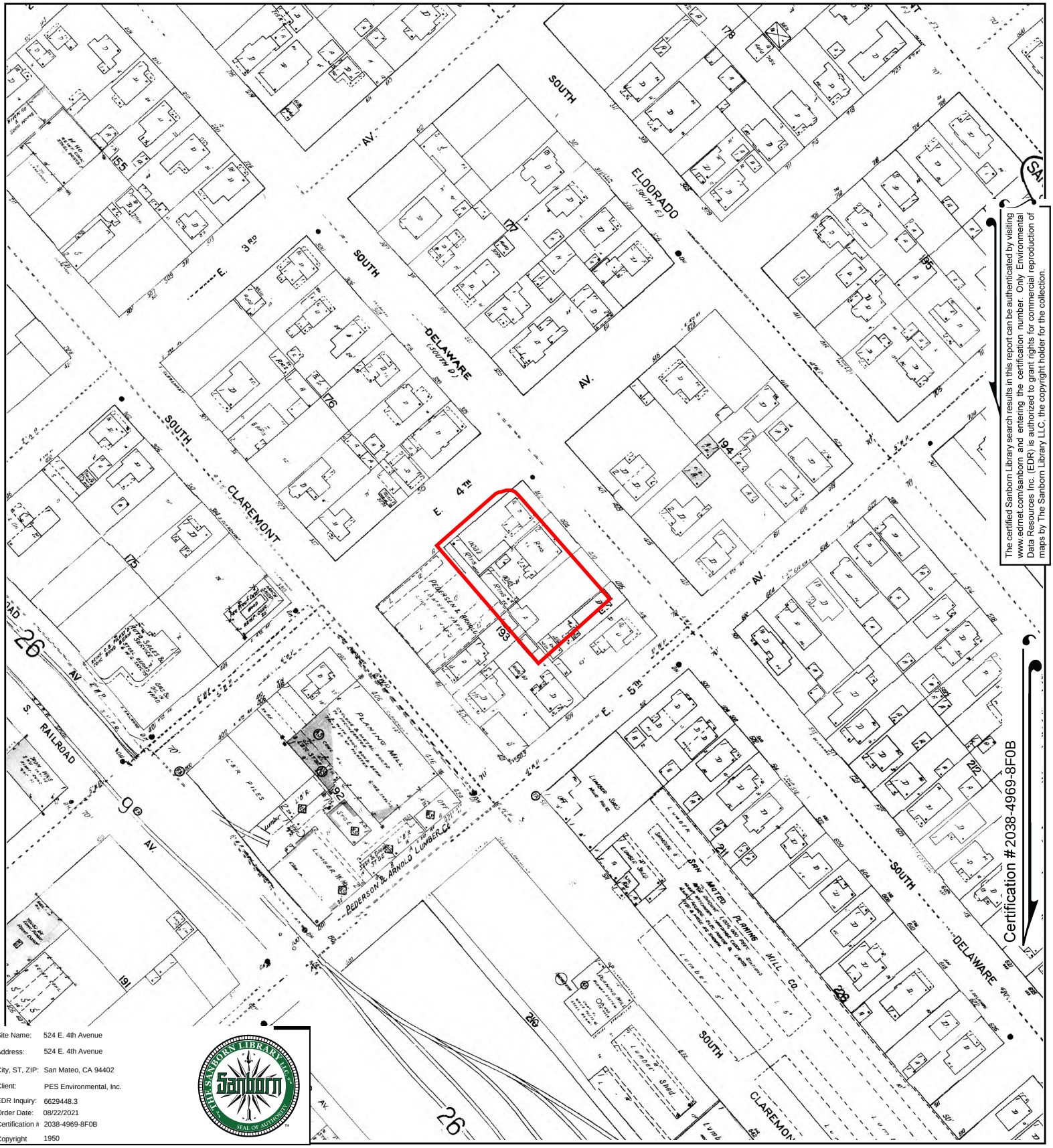




Volume 1, Sheet 10
Volume 1, Sheet 9

0 Feet 150 300 600

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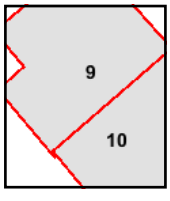
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Site Name:	524 E. 4th Avenue
Address:	524 E. 4th Avenue
City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #	2038-4969-8F0B
Copyright	1950

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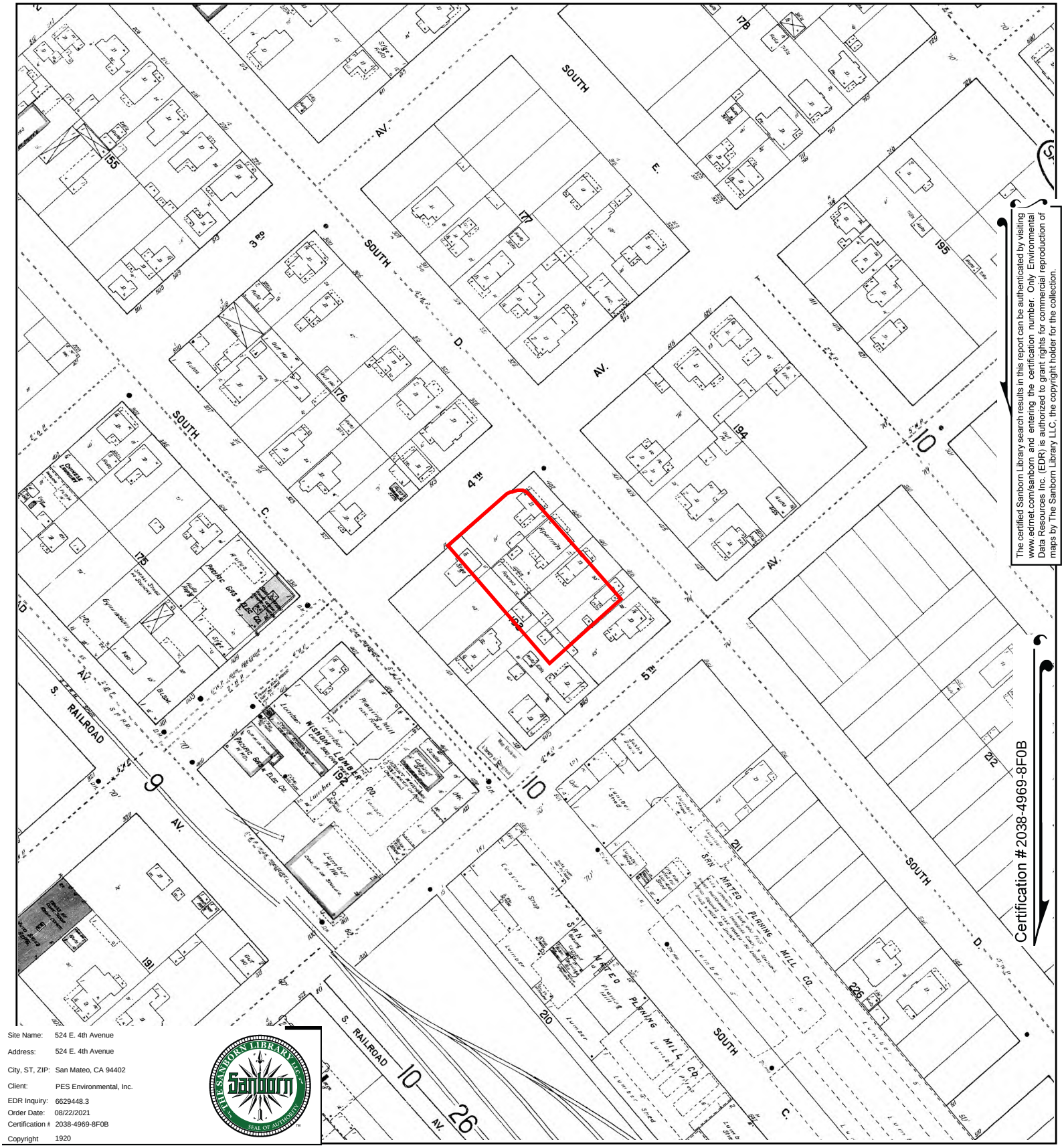
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Volume 1, Sheet 10
Volume 1, Sheet 9

N



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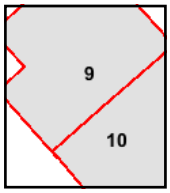
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Site Name:	524 E. 4th Avenue
Address:	524 E. 4th Avenue
City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #	2038-4969-8F0B
Copyright	1920

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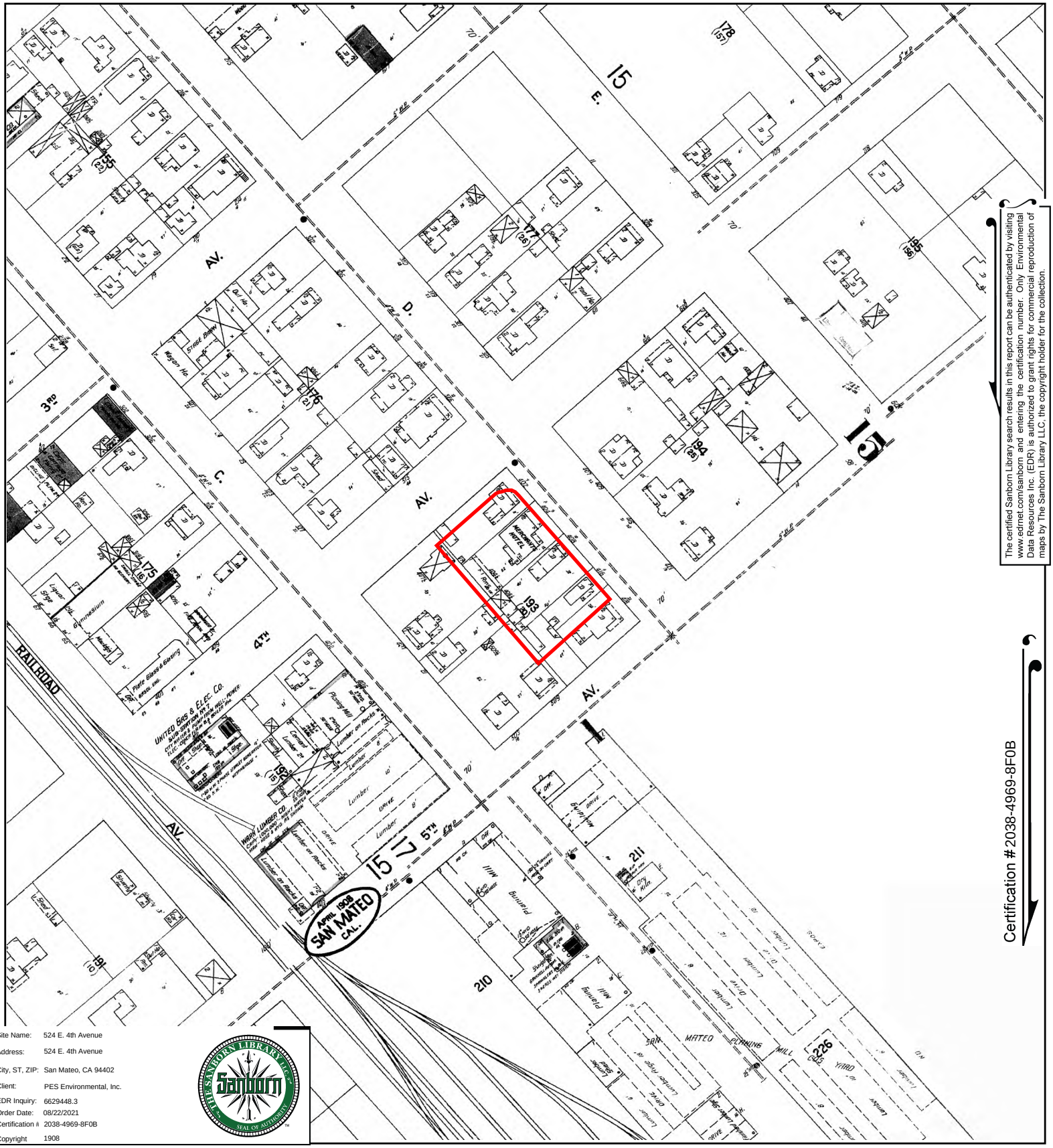
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Volume 1, Sheet 10
Volume 1, Sheet 9

N



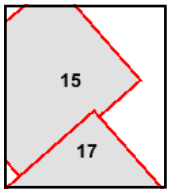
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Certification #2038-4969-8F0B

Site Name:	524 E. 4th Avenue
Address:	524 E. 4th Avenue
City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #:	2038-4969-8F0B
Copyright	1908

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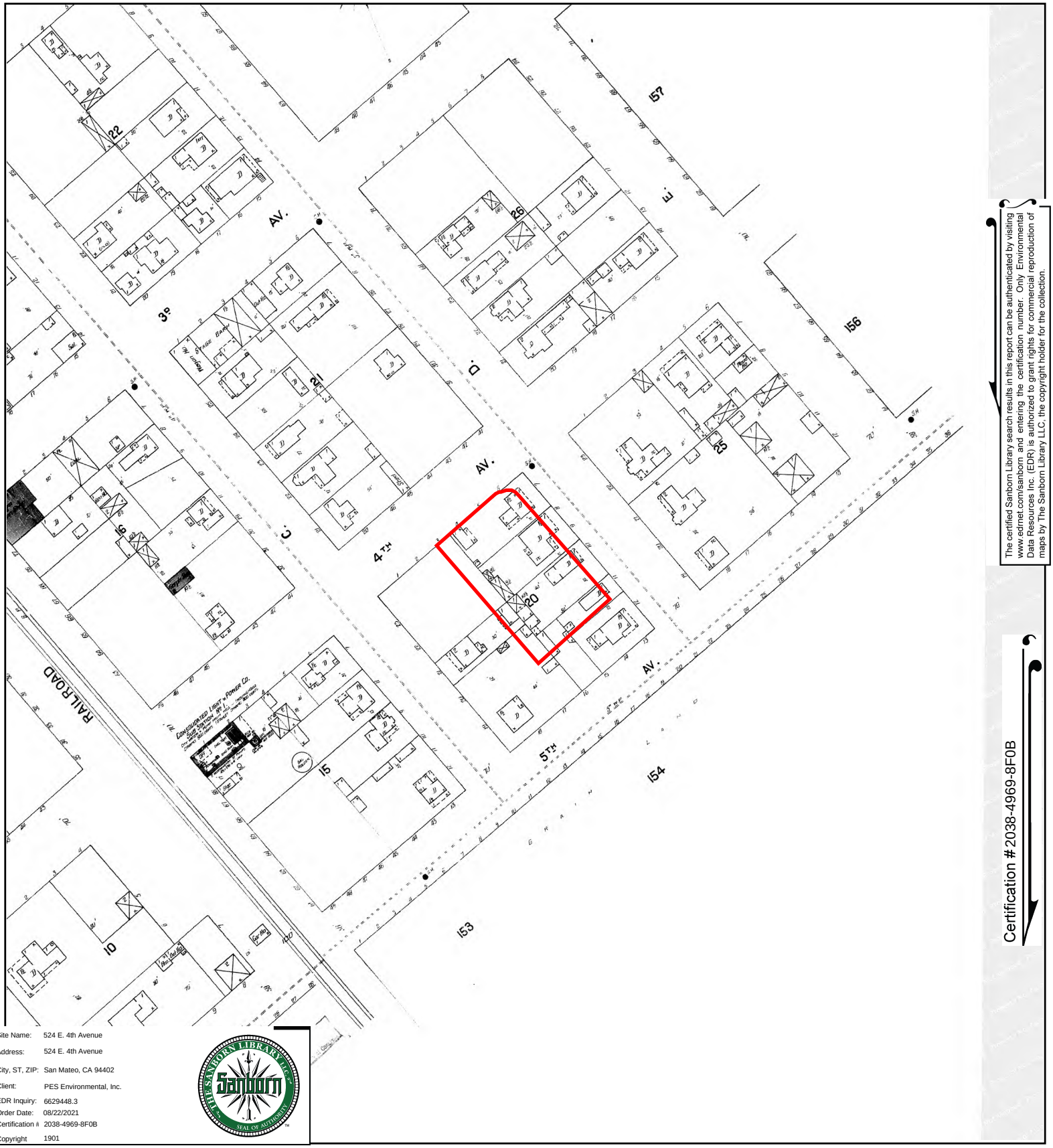




Volume 1, Sheet 17
Volume 1, Sheet 15

0 Feet 150 300 600

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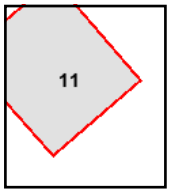
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Certification #2038-4969-8F0B

Site Name:	524 E. 4th Avenue
Address:	524 E. 4th Avenue
City, ST, ZIP:	San Mateo, CA 94402
Client:	PES Environmental, Inc.
EDR Inquiry:	6629448.3
Order Date:	08/22/2021
Certification #	2038-4969-8F0B
Copyright	1901

This Certified Sanborn Map combines the following sheets.
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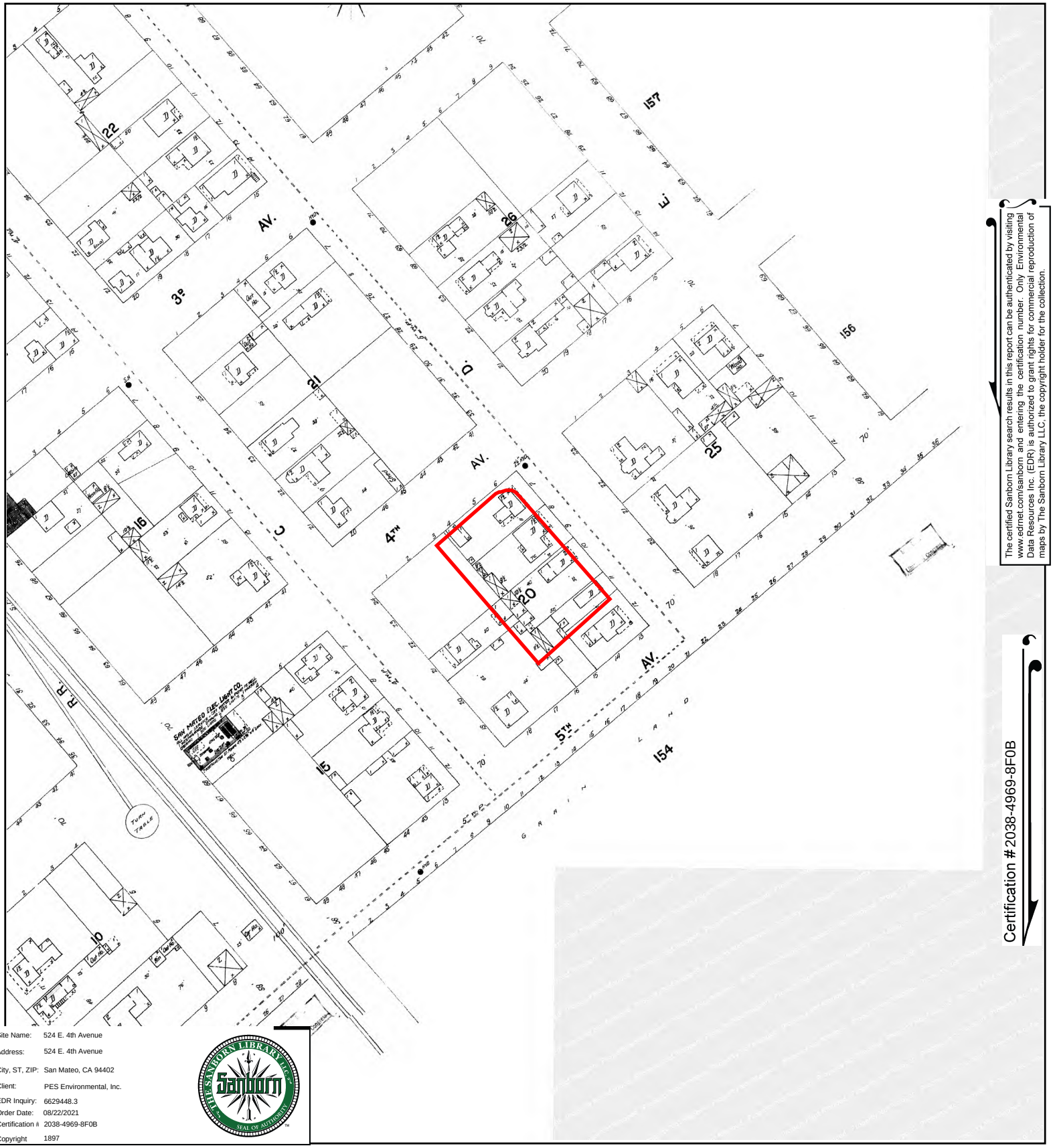




Volume 1, Sheet 11

0 Feet 150 300 600

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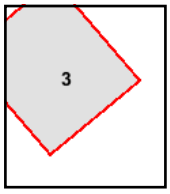
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Certification #2038-4969-8F0B

Site Name: 524 E. 4th Avenue
Address: 524 E. 4th Avenue
City, ST, ZIP: San Mateo, CA 94402
Client: PES Environmental, Inc.
EDR Inquiry: 6629448.3
Order Date: 08/22/2021
Certification #: 2038-4969-8F0B
Copyright: 1897

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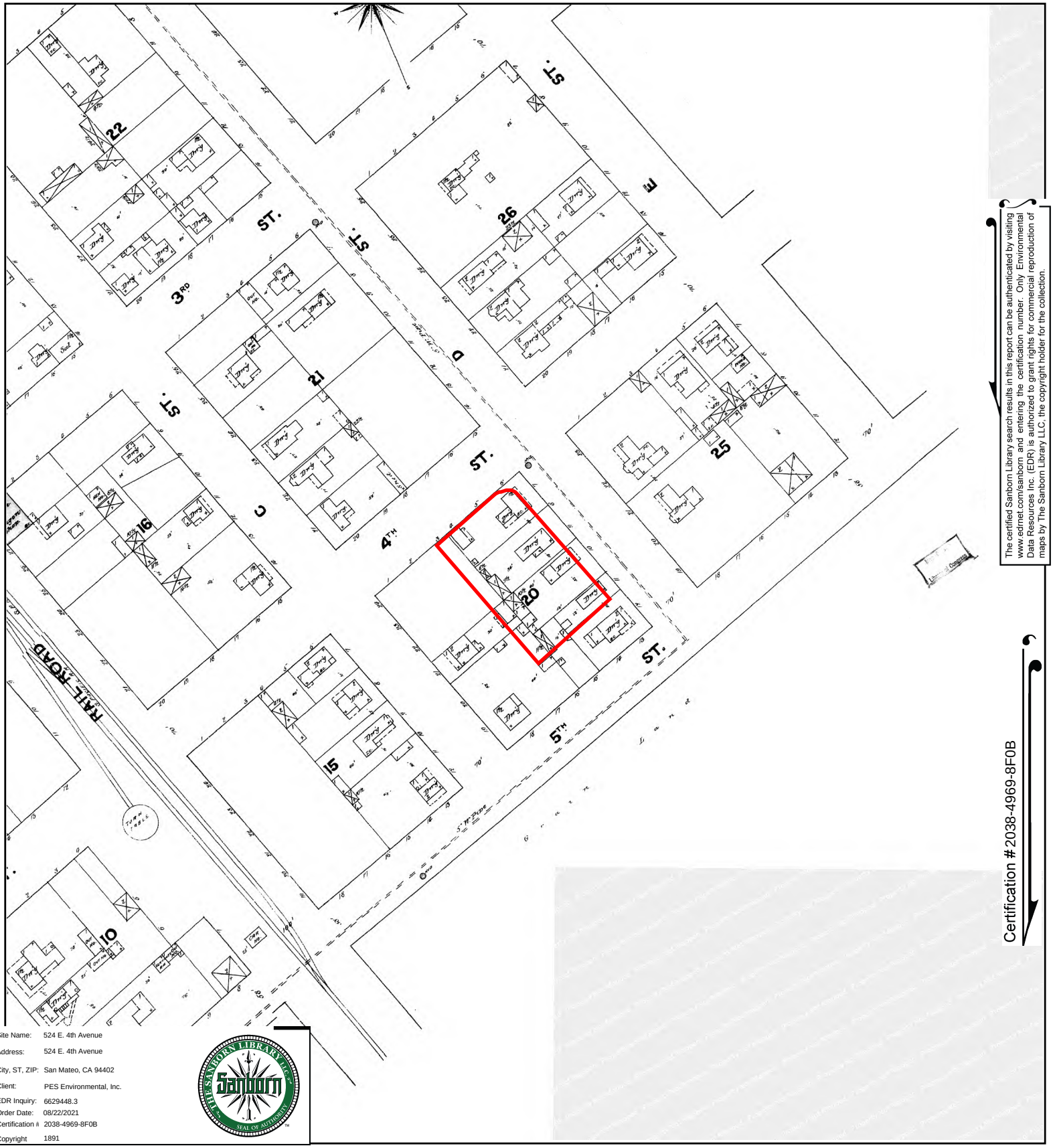




Volume 1, Sheet 3

0 Feet 150 300 600

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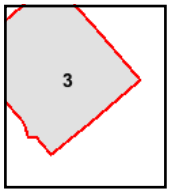
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Certification #2038-4969-8F0B

Site Name: 524 E. 4th Avenue
Address: 524 E. 4th Avenue
City, ST, ZIP: San Mateo, CA 94402
Client: PES Environmental, Inc.
EDR Inquiry: 6629448.3
Order Date: 08/22/2021
Certification #: 2038-4969-8F0B
Copyright: 1891

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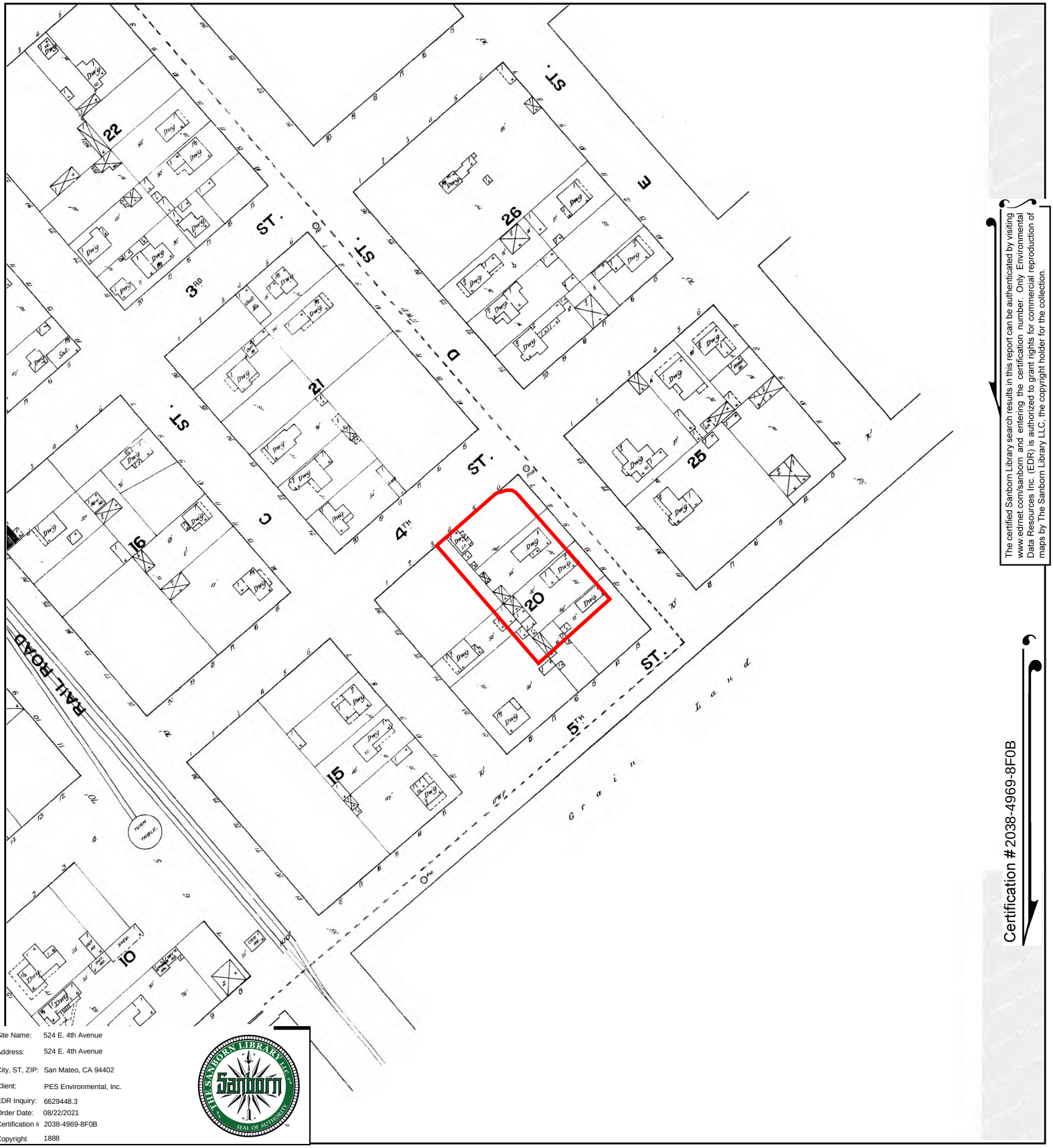




Volume 1, Sheet 3

0 Feet 150 300 600

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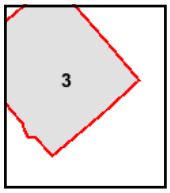
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Certification #2038-4969-8F0B

Site Name: 524 E. 4th Avenue
Address: 524 E. 4th Avenue
City, ST, ZIP: San Mateo, CA 94402
Client: PES Environmental, Inc.
EDR Inquiry: 6629448.3
Order Date: 08/22/2021
Certification #: 2038-4969-8F0B
Copyright: 1888

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 3

0 Feet 150 300 600

N

APPENDIX E

HISTORICAL TOPOGRAPHIC MAPS

Appendix E
Historical Topographic Maps Review
524 East 4th Avenue and 402 South Delaware Street
San Mateo, California

Subject Property

Date	Comments
1896/99	The site is shown as vacant.
1915	No significant change to the subject property compared to the 1899 map.
1939	The site is presented as a developed urban area with no building footprints shown.
1947/49	The site is presented as a developed urban area with no building footprints shown.
1956	The site is presented as a developed urban area with no building footprints shown.
1968	The site is presented as a developed urban area with no building footprints shown.
1973	The site is presented as a developed urban area with no building footprints shown.
1980	The site is presented as a developed urban area with no building footprints shown.
1993	The site is presented as a developed urban area with no building footprints shown.
1997	The site is presented as a developed urban area with no building footprints shown.
2012	The site is presented as a developed urban area with no building footprints shown.

Adjacent Properties

Date	Comments
1896/99	The map shows several buildings in the site vicinity, primarily to the west and southwest.
1915	No significant change to the subject property compared to the 1899 map.
1939	The vicinity is presented as a developed urban area.
1947/49	The vicinity is presented as a developed urban area.
1956	The vicinity is presented as a developed urban area.
1968	The vicinity is presented as a developed urban area.
1973	The vicinity is presented as a developed urban area.
1980	The vicinity is presented as a developed urban area.
1993	The vicinity is presented as a developed urban area.
1997	The vicinity is presented as a developed urban area.
2012	The vicinity is presented as a developed urban area.

524 E. 4th Avenue

524 E. 4th Avenue

San Mateo, CA 94402

Inquiry Number: 6629448.4

August 20, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/20/21

Site Name:

524 E. 4th Avenue
524 E. 4th Avenue
San Mateo, CA 94402
EDR Inquiry # 6629448.4

Client Name:

PES Environmental, Inc.
7665 Redwood Blvd
Novato, CA 94945
Contact: Julie Turnross

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by PES Environmental, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 1409.019.01.001

Coordinates:

Latitude: 37.565939 37° 33' 57" North
Longitude: -122.319178 -122° 19' 9" West
UTM Zone: Zone 10 North
UTM X Meters: 560125.32
UTM Y Meters: 4157874.62
Elevation: 22.02' above sea level

Maps Provided:

2012
1997
1993
1980
1973
1968
1956
1949
1947
1939
1915
1899
1896

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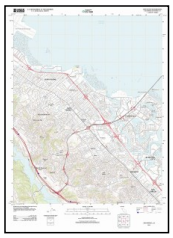
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Topo Sheet Key

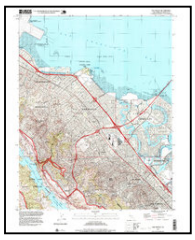
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2012 Source Sheets



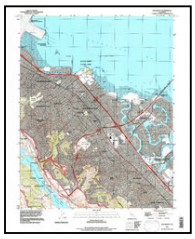
San Mateo
2012
7.5-minute, 24000

1997 Source Sheets



San Mateo
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1993 Source Sheets



San Mateo
1993
7.5-minute, 24000
Aerial Photo Revised 1993

1980 Source Sheets



San Mateo
1980
7.5-minute, 24000
Aerial Photo Revised 1956

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets



San Mateo
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets



San Mateo
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1956 Source Sheets



San Mateo
1956
7.5-minute, 24000
Aerial Photo Revised 1946

1949 Source Sheets



San Mateo
1949
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

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1947 Source Sheets



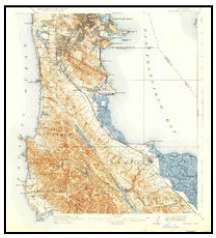
San Mateo
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1939 Source Sheets



San Mateo
1939
15-minute, 62500
Aerial Photo Revised 1939

1915 Source Sheets



San Mateo
1915
15-minute, 62500

1899 Source Sheets



San Mateo
1899
15-minute, 62500

Topo Sheet Key

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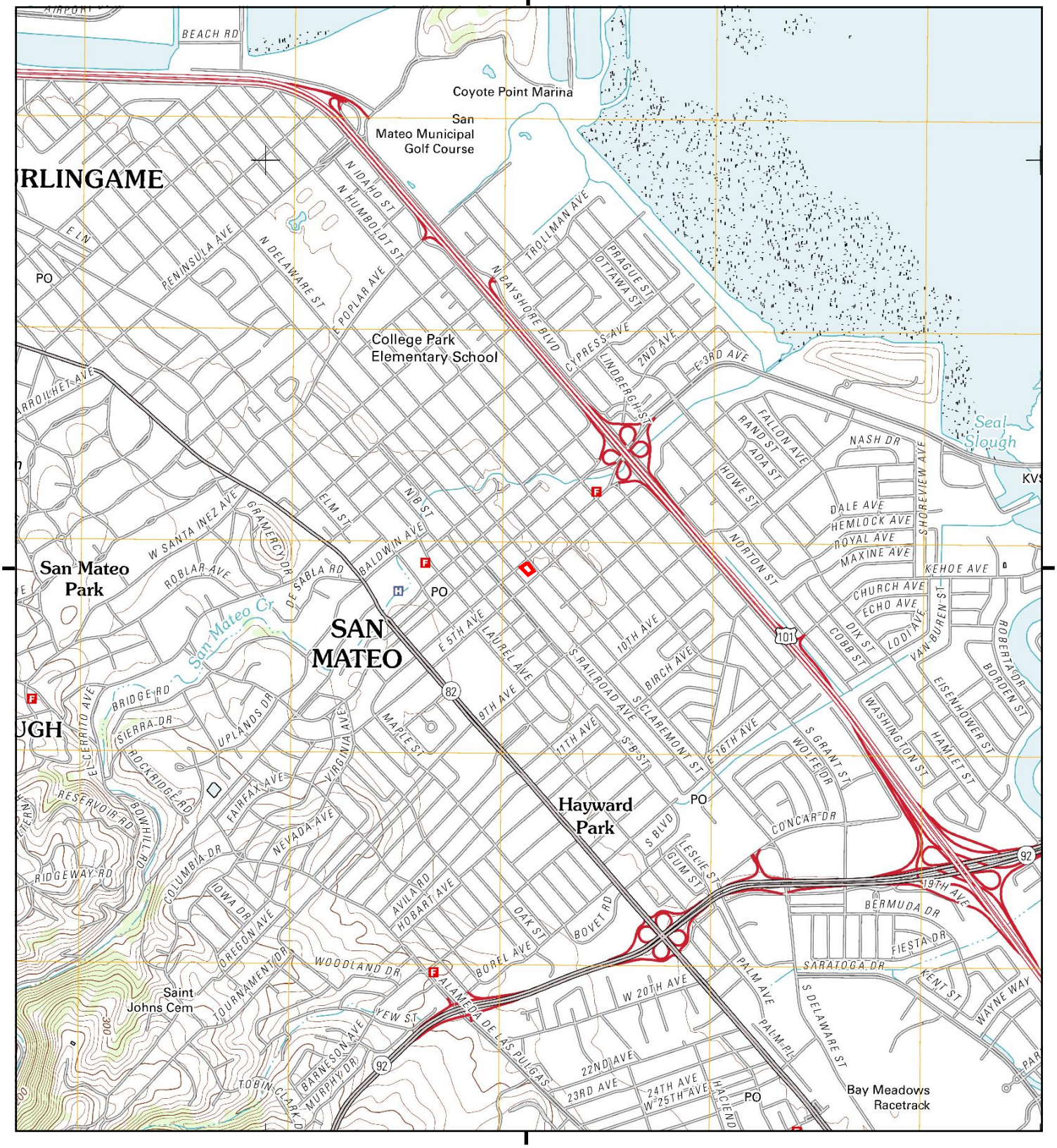
1896 Source Sheets



San Mateo
1896
15-minute, 62500

Historical Topo Map

2012



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

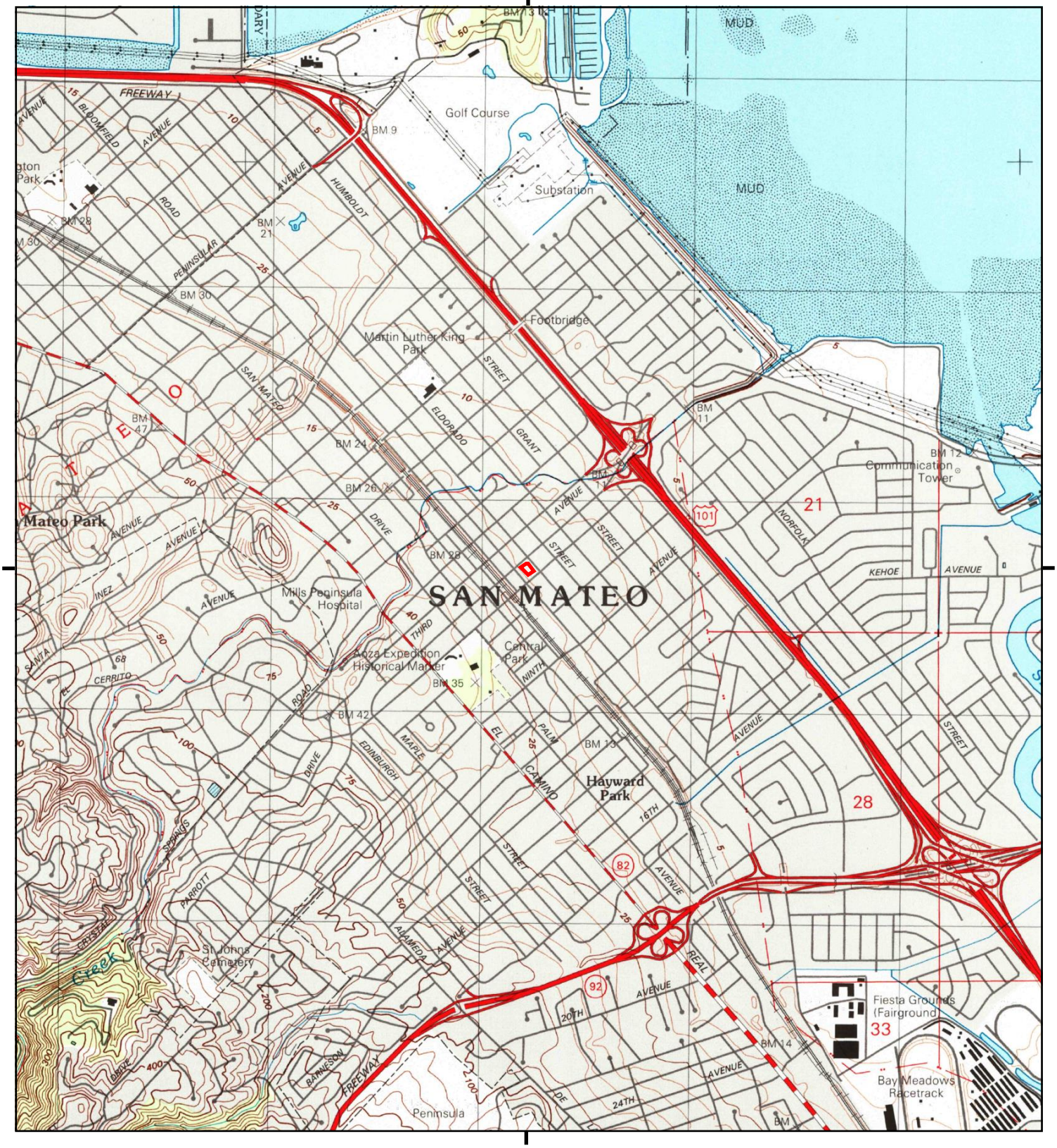
TP, San Mateo, 2012, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1997



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W E
SW S SE

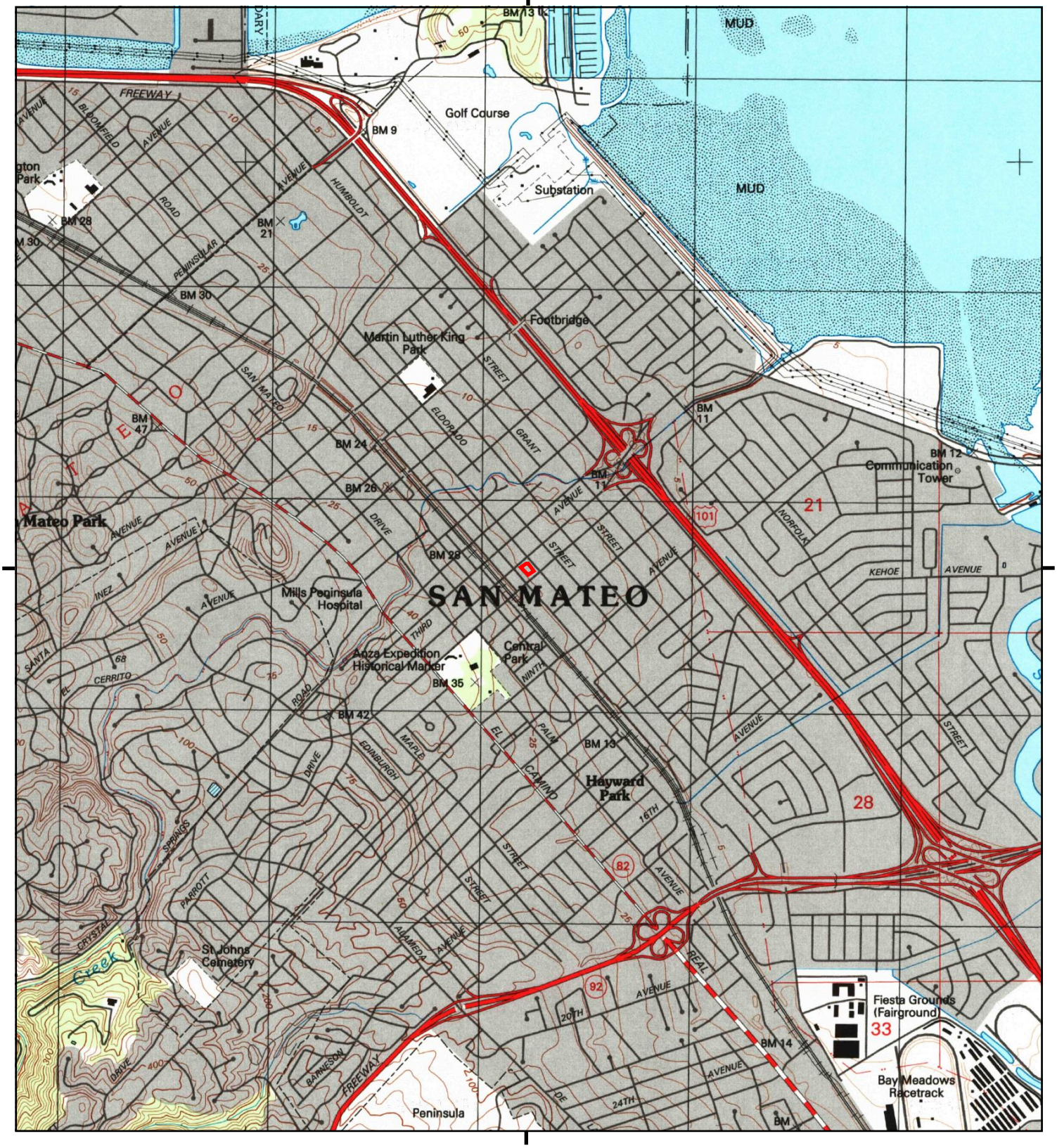
TP, San Mateo, 1997, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1993



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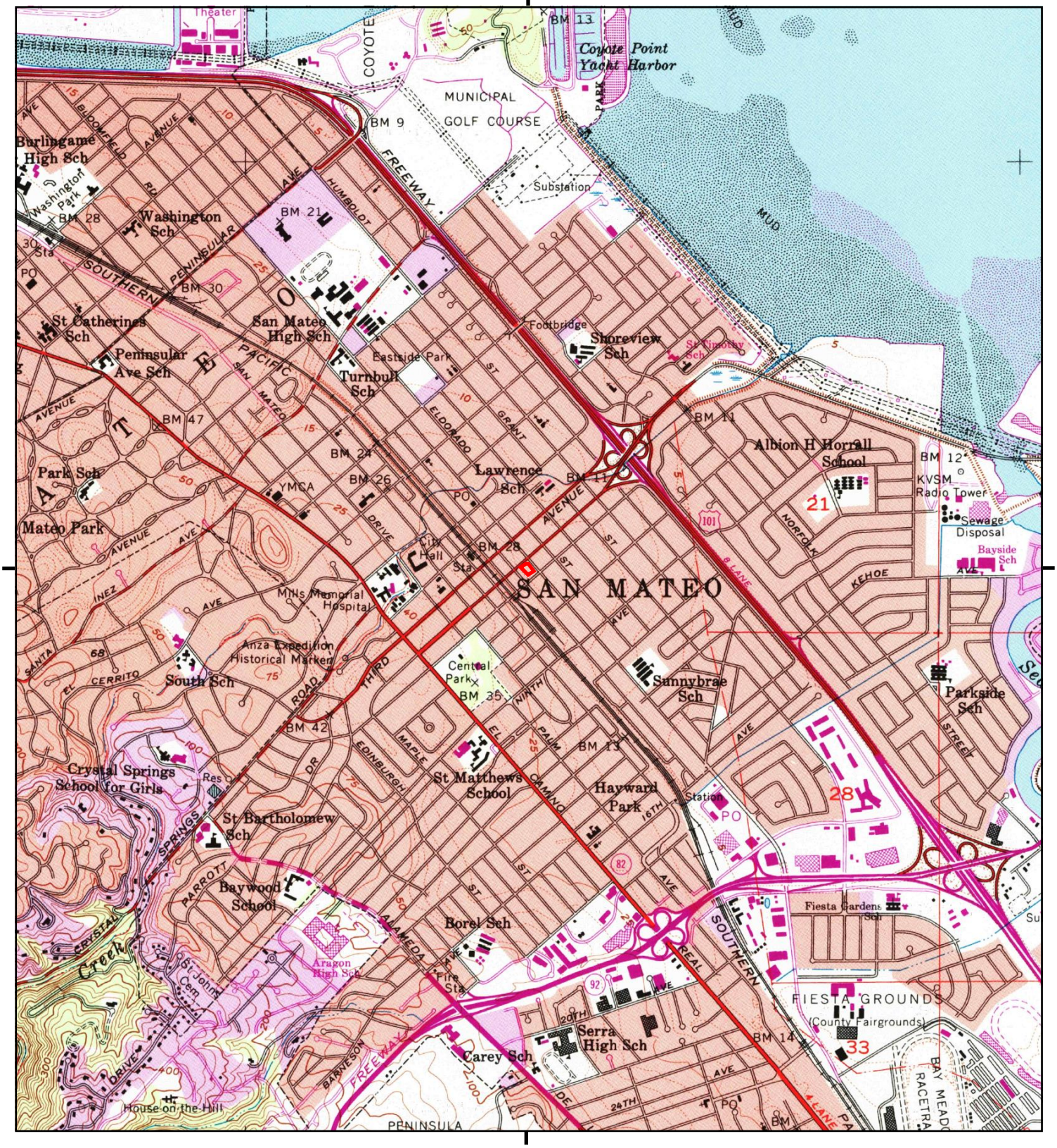
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1993, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

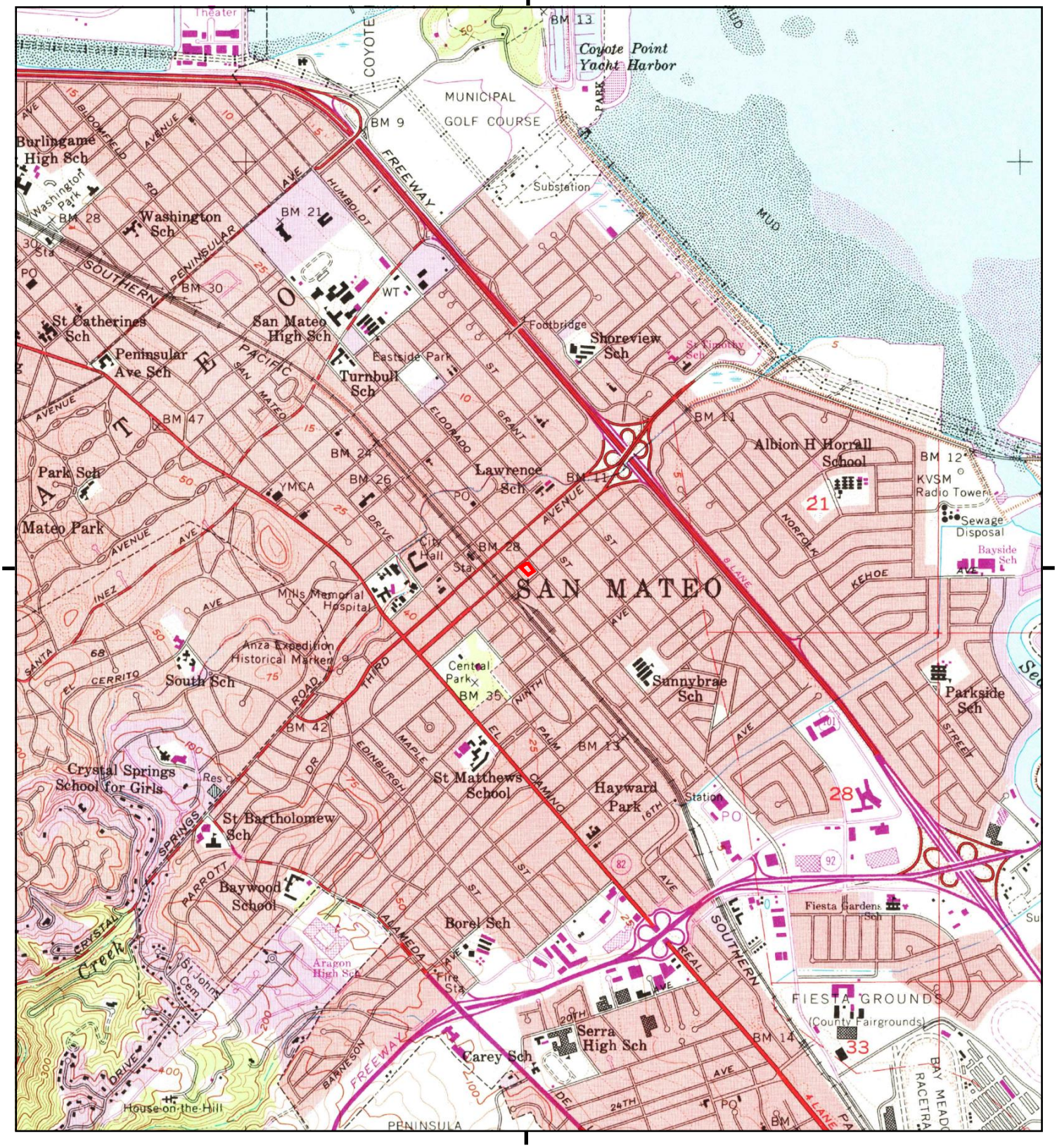
TP, San Mateo, 1980, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

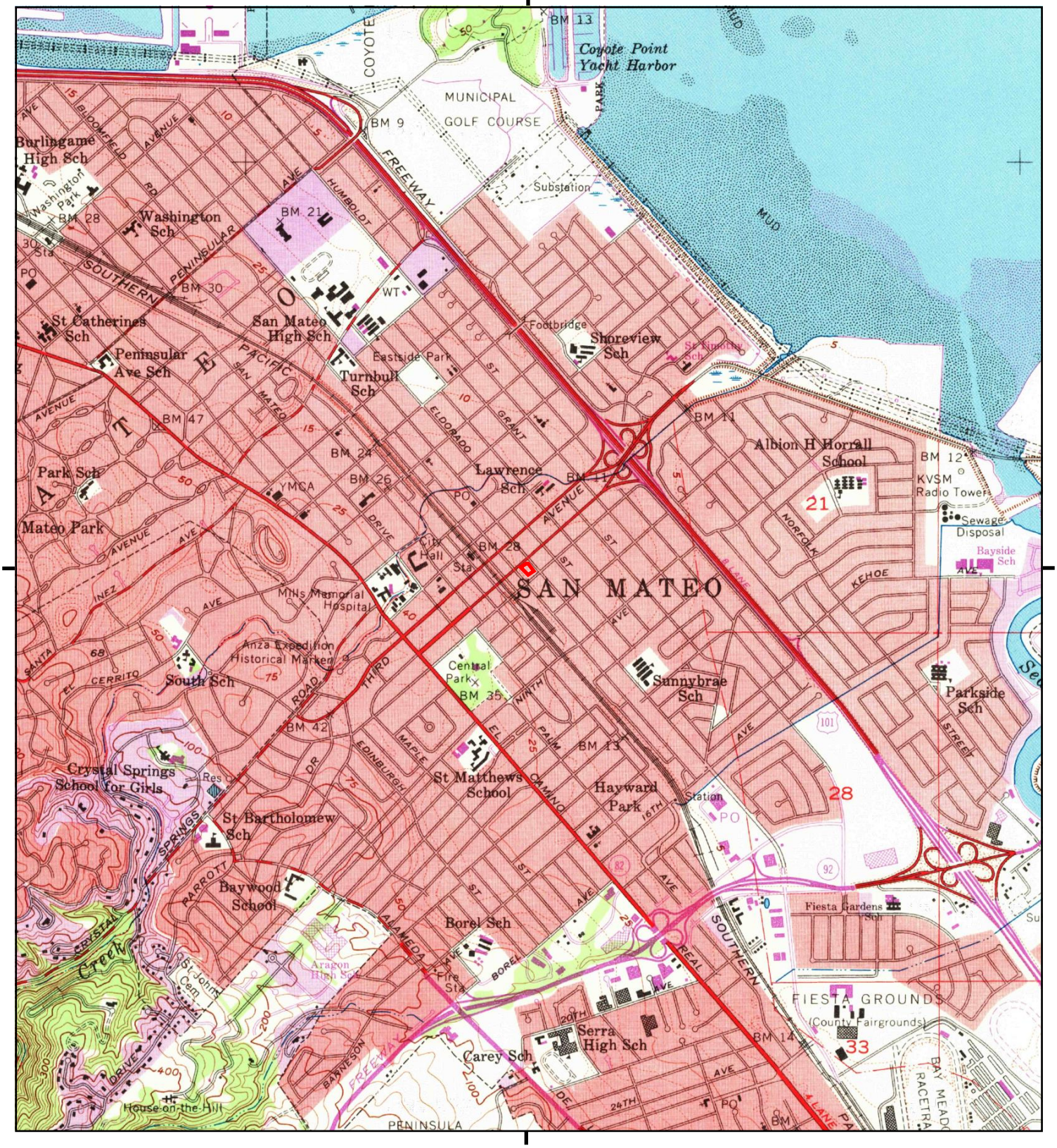
TP, San Mateo, 1973, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1968



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

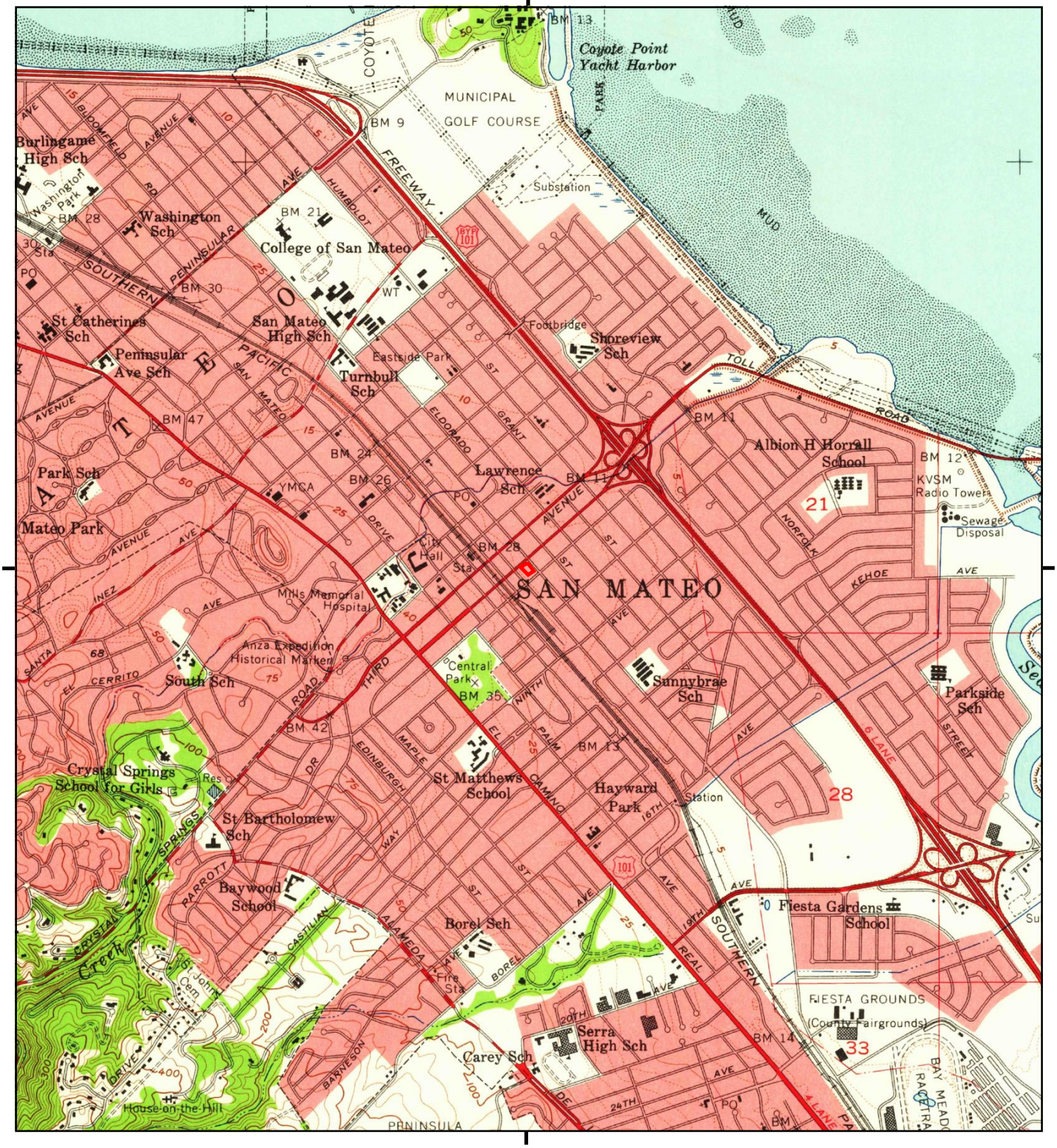
TP, San Mateo, 1968, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

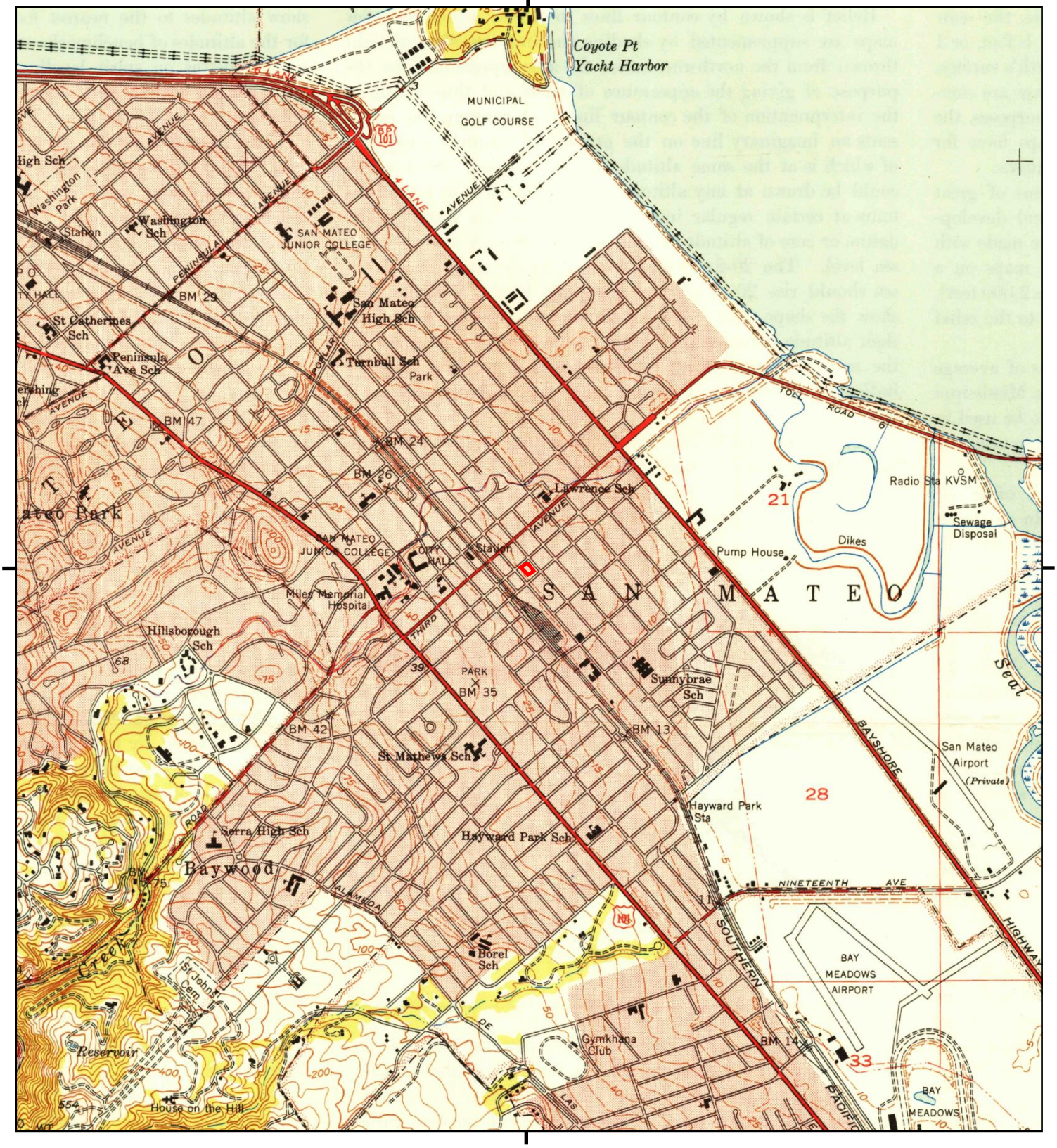
TP, San Mateo, 1956, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1949



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

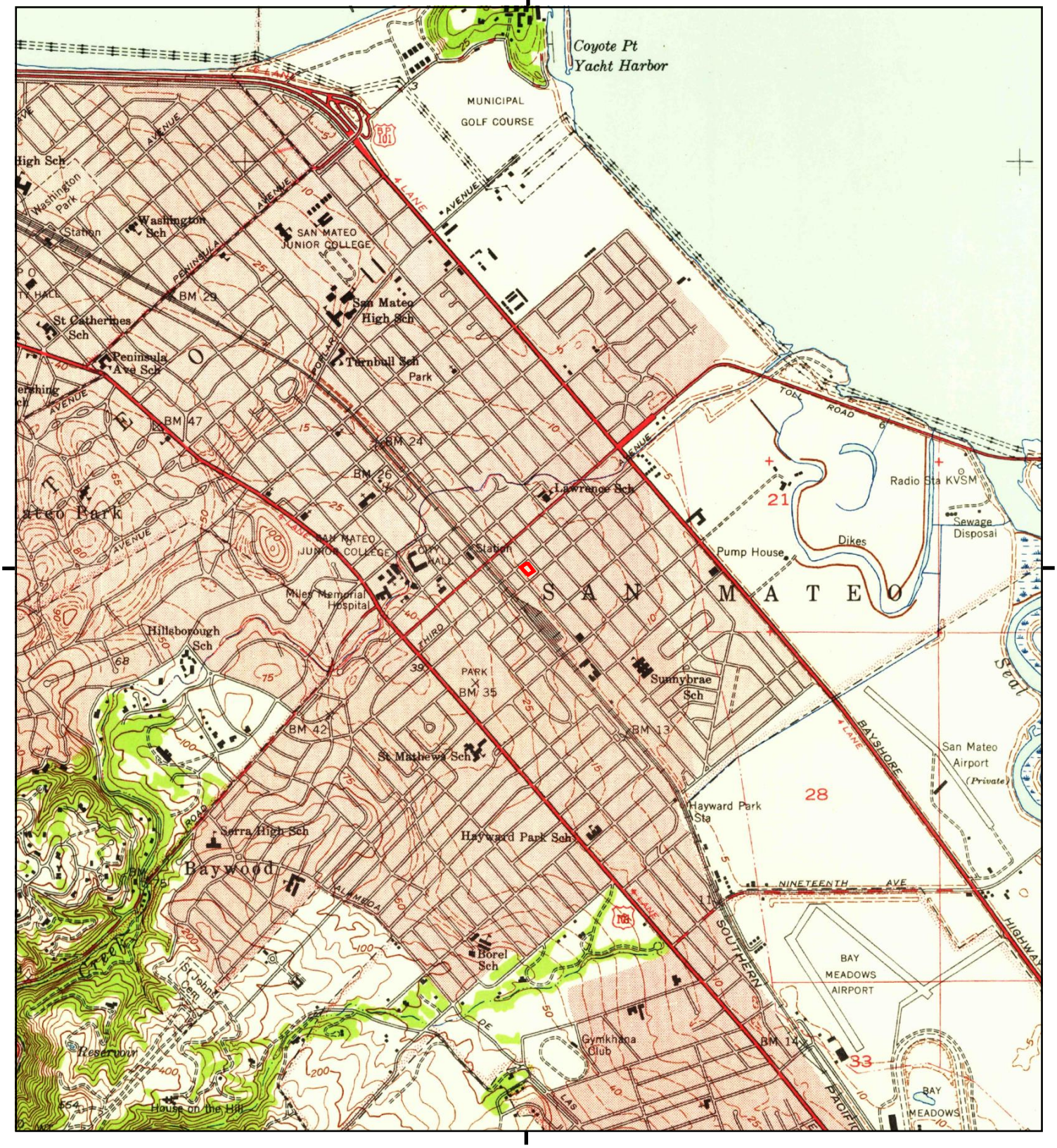
TP, San Mateo, 1949, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

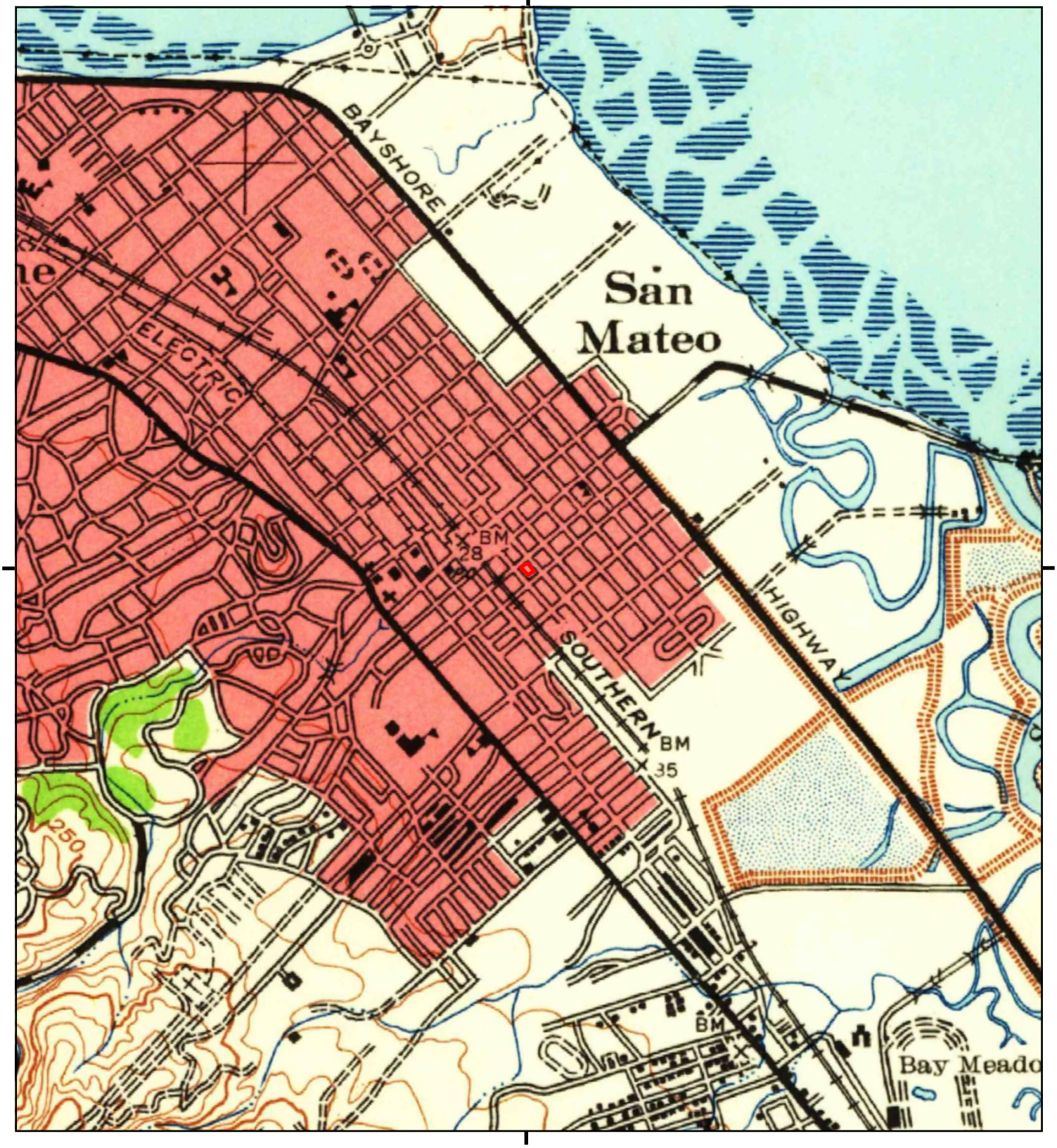
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1947, 7.5-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N



This report includes information from the following map sheet(s).

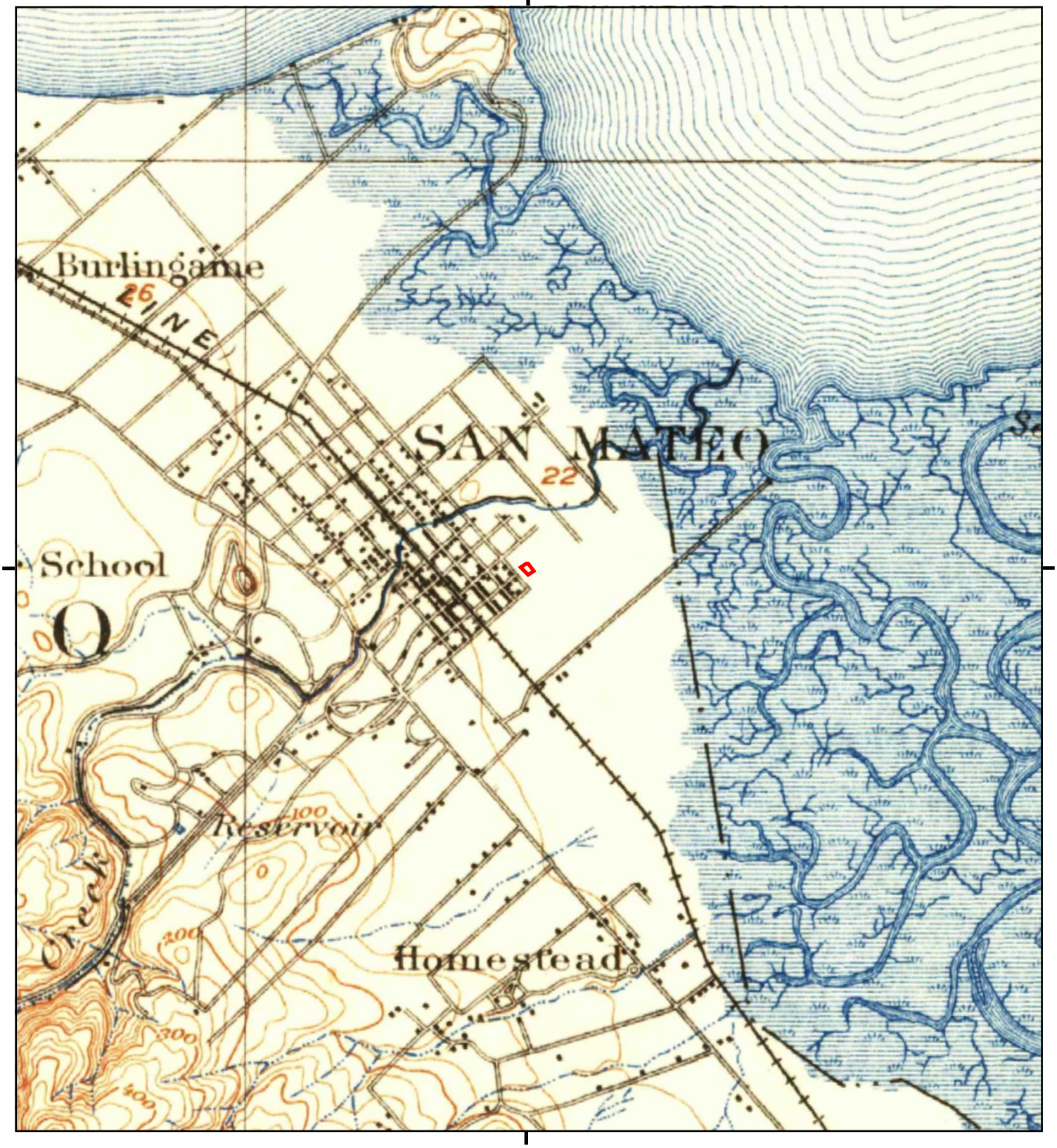
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1939, 15-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N



This report includes information from the following map sheet(s).

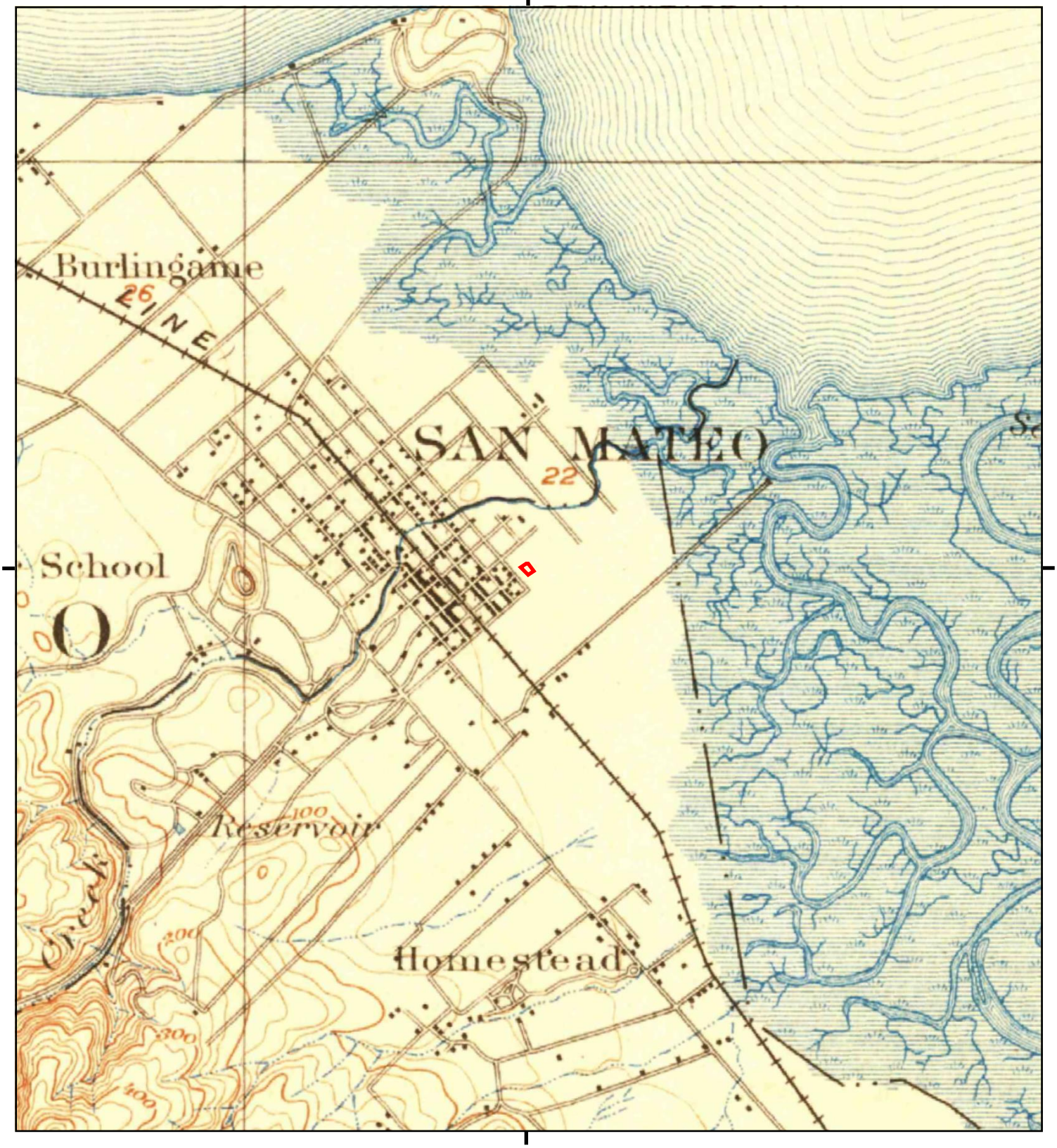
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1915, 15-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1899, 15-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Mateo, 1896, 15-minute

SITE NAME: 524 E. 4th Avenue
ADDRESS: 524 E. 4th Avenue
San Mateo, CA 94402
CLIENT: PES Environmental, Inc.

N

APPENDIX F

CITY DIRECTORY LISTINGS

Appendix F
Historical City Directories Review
524 East 4th Avenue and 402 South Delaware Street
San Mateo, California

Subject Property

Year(s)	Listed Occupants
1956 -63	Residential
1966	Vacant
1970 - 2017	Union Oil gas station

Vicinity Property Listings of Environmental Interest

Address	Listed Occupants
333 E 4th Ave	Wardrobe Cleaners (1956 – 2017)
500 E 4th Ave	Union Oil gas station (1956 – 1976)
507 E 4th Ave	Sterling Cleaners/Fourth Avenue Cleaners (1956 – 1970)
600 E 4th Ave	Shell gas station (1970)
609 E 4th Ave	Mobil gas station (1976 – 2017)
706 E 4th Ave	Chevron gas station (1963 - 2017)
300 S Delaware	Richfield gas station (1963 – 1986); Smog Pro (1992 – 2017)
407 S Delaware	Shell gas station (1963-1986); Jiffy Lube (1992 – 2017)

524 E. 4th Avenue
524 E 4th Ave
San Mateo, CA 94402

Inquiry Number: 6629448.5
August 26, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1986	☑	☐	HAINES AND COMPANY
1981	☑	☐	HAINES AND COMPANY
1976	☑	☐	POLK DIRECTORY CO
1970	☑	☐	POLK DIRECTORY CO
1966	☑	☐	POLK DIRECTORY CO
1963	☑	☐	POLK DIRECTORY CO
1956	☑	☐	POLK DIRECTORY CO

EXECUTIVE SUMMARY

Year	***Target Street***	***Cross Street***	***Source***

FINDINGS

TARGET PROPERTY STREET

524 E 4th Ave
San Mateo, CA 94402

Year	*CD Image*	*Source*
E 4TH AVE		
2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A12	EDR Digital Archive
1995	pg A16	EDR Digital Archive
1992	pg A19	EDR Digital Archive
1986	pg A21	HAINES AND COMPANY
1981	pg A23	HAINES AND COMPANY
1976	pg A25	POLK DIRECTORY CO
1976	pg A26	POLK DIRECTORY CO
1970	pg A28	POLK DIRECTORY CO
1970	pg A29	POLK DIRECTORY CO
1966	pg A32	POLK DIRECTORY CO
1963	pg A34	POLK DIRECTORY CO
1956	pg A36	POLK DIRECTORY CO
1956	pg A37	POLK DIRECTORY CO
S DELAWARE ST		
2014	pg A3	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A10	EDR Digital Archive
2000	pg A14	EDR Digital Archive
1995	pg A17	EDR Digital Archive
1992	pg A20	EDR Digital Archive

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
S DELAWARE ST		
1986	pg. A22	HAINES AND COMPANY
1981	pg. A24	HAINES AND COMPANY
1976	pg. A27	POLK DIRECTORY CO
1970	pg. A30	POLK DIRECTORY CO
1970	pg. A31	POLK DIRECTORY CO
1966	pg. A33	POLK DIRECTORY CO
1963	pg. A35	POLK DIRECTORY CO
1956	pg. A38	POLK DIRECTORY CO
1956	pg. A39	POLK DIRECTORY CO

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2017

215	MCGOVERNS BAR
222	DRAEGERS SUPERMARKETS
	USA DOORS GATES SERVICE
223	SPIEDO RESTAURANT
225	TMOBILE
301	IZAKAYA GINJI
305	AMOUR AMOUR CAFE INC
319	V & C HAIR SALON
325	SUSHI YOSHIVUMI
327	A S K ARTISTIC DESTINATION INC
333	HEALTHY NAIL
335	MATTHEWS JOHN ARCHITECTS
	WARDROBE CLEANERS
500	TACO BELL
501	CK CHECK CASHING CORP
505	BOOST MOBILE
507	GLAMOUR STYLING SALON
511	ELCON LOCKSMITH
	LA PINATA MARKET
517	TAQUERIA LAS CAZUELAS
525	AMA TIRES
602	AL CARBON
	LA PLACITA VILLATORRES
	LATINO FOOD PRODUCTS LLC
	MUNGUIAS BAKERY
	PANADERIA GUATEMALTECA TIKAL
	TACOS AL VAPOR
609	SAN MATEO GAS & SHOP
706	ANDYS BP INC
	BP
712	REDDY, PARNEELA
724	FERNANDES, MICHELE
806	CHAMAN, M
812	HOKAFONU, AMELIA
815	LAPALM, DEBRA A
	PEREZ, BRANDON A
	YOUNG, ERICK S
816	A MUSIC CONNECTION
	MAURINEKILLOUGH
	SAN FRANCISCO PROFESSIONAL FOOD SOCI
	SWETLIK, DANIEL E
820	WANG, HENG
826	ADVINCULA, JEANNIE R
	BOHAN, SHAUNNA M
	STALLEY, COURTNEY S

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2014

215	MCGOVERNS BAR
222	DRAEGERS SUPERMARKETS
	USA DOORS GATES SERVICE
223	SPIEDO RESTAURANT
225	TMOBILE
	TMOBILE SAN MATEO
301	IZAKAYA GINJI
325	LAKUNI
327	A S K ARTISTIC DESTINATION INC
333	BEAUTY BASICS
	YEN HAIR & NAILS
335	MATTHEWS JOHN ARCHITECTS
	WARDROBE CLEANERS
404	POPO, JIE
405	ENDO AUTOMOTIVE
500	TACO BELL
501	CK CHECK CASHING CORP
507	GLAMOROUS LOOKS SALON
511	LA PINATA MARKET
517	TAQUERIA LAS CAZUELAS
525	AMA TIRES
602	LA PLACITA VILLATORRES
	PANADERIA GUATEMALTECA TIKAL
	RUG STOP
	SUBWAY SANDWICHES
	TACOS AL VAPOR
609	SAN MATEO GAS & SHOP
640	CHHOUR, LOI
706	ANDYS BP INC
712	CASTANO, CARLOS B
718	SUN, CHANG W
719	DELGADO, ANTONIO
724	FERNANDES, MICHELE
728	BRAVO, MARDHEN D
806	CHAMAN, M
812	AKANA, FANE
815	GUZMAN, SALVADOR
	TORRES, MARICELA B
	TRUJILLO, LEONARDO
	VURAL, MEHMET
	WONG, CHRISTOPHER
	YOUNG, ERICK S
816	A MUSIC CONNECTION
	SAN FRANCISCO PROFESSIONAL FOOD SOCI
	SWETLIK, DANIEL E
820	LUO, WEN J
826	KAKIZAKI, TAKESHI
	STALLEY, COURTNEY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2014

200	BRIONES, NORMA E
	CARRASCO, MELANIA M
	FAUMUINA, MOELATA
	FREEMAN, HENRY
	GONZALEZ, FREDDY
	GUIRGIS, GEORGE Y
	HAYES, JAMES
	LIESS, KYRA
	LUM, PAMELA C
	LUNDIN, LAUREEN M
	PAMELA, LUM
	WEST LAKE REALTY GROUP
201	ORCHID FLORAL
203	OCCUPANT UNKNOWN,
211	KINDERCOURT SCHOOL SYSTEM
215	LA FLOR
300	SMOG PROS3RD & DELAWARE
312	EVANS, SCOTT
318	PINEDA, LADISLAO
320	IANNOTTI, KATHY
	MCMURRAY, JAMES T
	PARLATO, MICHAEL
402	A T AUTO CARE
	TADS 76
	TADS SEVENTY SIX
407	JIFFY LUBE
500	CAULTON, DARAJOAN
501	CASTRO, PLUTARCO E
504	GUZMAN, SERVANDO
508	FUENTES, JUAN
511	OCCUPANT UNKNOWN,
512	ARQUETA, ANA
514	STEVENS, MARCUS
517	OCCUPANT UNKNOWN,
518	YU, CHAN Q
521	LUO, JIANG T
522	LOPEZ, MIREYA
523	ARIAS, RENE
525	SU, PAI F
526	PALOMINO, JUAN C
600	CHEN, PATTY
603	CRUZ, MALOU S
	DAVIS, ADAM C
605	OCCUPANT UNKNOWN,
606	LEN, W
609	WU, CHI
610	RAMOS, ALVARO
615	OHARA, CHARMAINE B
617	OCCUPANT UNKNOWN,
619	SZUDZIEJKA, VALERIE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2014 (Cont'd)

621	AIELLO, ANDREW P
622	CHENG, PATRICK B
	DESLER, KEVIN F
	FOX, LORI J
	LEE, MEI L
	MAKIN-BYRD, KERRY N
	RANKIN, EDWARD A
623	COUTURE, ANNETTE
625	BELTRAN, MARTHA S
	CARRASCO, JASZLIN
	MARTINEZ, JOSE
626	INGALLS, ALEX
702	EDMONS, JERRY
706	HERNANDEZ, MARIA
707	TANG, BETTY
710	LAPRESCA, ALBERTO M
711	OCHOA, GODOFREDO
714	VICK, DOROTHY M
715	THEONUGRAHA, DAVID
718	HENDRICKSON, DAVID R
719	DESIGN LAUREL GIULIANI
	GIULIANI, LAUREL M
720	LI, GORDON G
723	BARTHE, ELIZABETH P
	GALLANDRE, MARCEL
724	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2010

215	MC GOVERNS BAR
222	DRAEGERS BAKERY
	DRAEGERS HOUSEWARE
	DRAEGERS SUPERMARKET
	VIOGNIER RESTAURANT
223	SPIEDO RESTAURANT
225	TMOBILE
257	VON, H
301	STEP AHEAD FLOOR TO CEILING
305	SIMONE EUROPEAN SKIN CARE
315	ALEXS DELUXE BARBER SHOP
319	ELIANA HAIR STUDIO
325	LAKUNI
327	ASK ARTISTIC DESTINATION INC
330	NAVA, JOHN F
333	LILY EUROPEAN PEDIMANI SPA
335	JOHN MATTHEWS ARCHITECTS
	WARDROBE CLEANERS
404	POPO, JIE
405	ENDO AUTOMOTIVE
500	TACO BELL
501	CHECK EXPERT
507	GLAMOUR STYLING SALON
511	LA PINATA MARKET
512	WALL, LOUIS S
517	TACQUERIA LAS CAZUELAS
525	AMA TIRES
528	BLAKLEY, DANIEL
602	LBC MUNDIAL
	SUBWAY
609	GAS & SHOP
706	SAN MATEO GAS
712	HUA, RICHARD T
719	RODRIGUEZ, JOSE
724	FERNANDES, MICHELE
728	WAGNER, JOSEPH S
801	ZEPEDA, RICHARD M
806	LANZA, BRADLEY J
812	AKANA, NOMA
815	AGUON, DONALD D
	GUZMAN, SALVADOR
	PEREZ, BRANDON A
	QUINONEZ, ELEUTERIO
	TRUJILLO, LEONARDO
	YOUNG, ERICK
816	A MUSIC CONNECTION
	DOCUMENT LAB
820	LUO, Z H
826	STALLEY, SUSAN E

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2010

200	CARRASCO, ELIZABETH
	GAD, MERVAT W
	GUIRGIS, GEORGE
	VALINO, VOLTAIRE C
	WU, JUNE
201	A PLUS TOWING
	HELPUMOVE
	PAK MAIL
	RONAN, ROMMEL N
203	OCCUPANT UNKNOWN,
211	KINDERCOURT SCHOOL SYSTEM
215	LA FLOR
300	ARCO
	SMOG PROS
312	EVANS, SCOTT
318	PINEDA, JOSUE
320	ACERET, DEVIN
	IANNOTTI, KATHY
	PARLATO, MICHAEL
	RODGERS, MIKE
402	TADS 76
407	JIFFY LUBE
500	JONES, LEE
501	CASTRO, PLUTARCO E
504	GUZMAN, SERVANDO
508	FUENTES, JUAN
512	TUINEAU, TUPOU
514	OCCUPANT UNKNOWN,
517	LOCK, MICHAEL K
521	LOK, CHAK K
522	LOPEZ, MIREYA
525	MONTE, JOANNA
526	PALOMINO, JUAN C
600	CHEN, ZHUO Y
603	FRANCO, LARA
	TRELLES, LUIS N
604	LOPEZ, MIGUEL
605	WUU, SONNY W
606	WAI, SEDRICK L
610	RAMOS, ALVARO
615	OHARA, CHARMAINE B
617	OCCUPANT UNKNOWN,
619	OCCUPANT UNKNOWN,
622	CHENG, PATRICK B
	DESLER, KEVIN F
	FOX, LORI J
	LUY, PATRICK Y
	PHILLIPS, GLEN A
	RANKIN, EDWARD A
623	AIELLO, ANDREW P

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2010 (Cont'd)

625	BELTRAN, MARTHA S
	CARRASCO, JASZLIN
	SANTIAGO, TERESO
626	PADILLA, TARA
702	STALLINGS, MICHAEL
706	SAMANO, VERONICA
707	TANG, BETTY
710	LAPRESCA, ALBERTO M
711	OCHOA, GODOFREDO
714	OCCUPANT UNKNOWN,
715	THEONUGRAHA, DAVID
718	OCCUPANT UNKNOWN,
719	LAUREL GIULIANI DESIGN
	OCCUPANT UNKNOWN,
720	LI, GORDON G
723	OCCUPANT UNKNOWN,
	RITTER, BARNEY A
724	MENDOZA, ALEJANDRO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2005

215	HA PENNY BRIDGE TRADING CO
222	DRAEGERS BAKERY
	DRAEGERS CATERING
	VIOGNIER
223	SPIEDO RESTAURANT
225	WOLLMERS INC
257	VON, H
302	TRES JOLIE
303	MAGIC NAILS BY SUSAN
	MAGICAL NAILS
314	INDART, JOHN P
319	USA PHOTO LAB
325	LAKUNI
327	A S K ARTISTIC DESTINATION INC
330	NAVA, JOHN F
335	MATTHEWS JOHN ARCHITECTS
	WARDROBE CLEANERS
405	ENDO CORP
480	AGUIRRE GALLERY
	AGUIRRE INTERNATIONAL
501	BAR 12
505	CHECK EXPERT 2
511	LA PINATA MARKET
517	TAQUERIA LAS CAZUELAS
525	SPEEDY GLASS INC
602	CHEVRON SERVICE STATION
	LARS H LENCK
	PAUL GUSWAMI
609	GAS AND SHOP
706	DANDY GLOBAL INC
	SAN MATEO GAS
712	GUDMAN, JON
719	RODRIGUEZ, JOSE
724	YEGANEH, KEN K
728	WAGNER, JOSEPH S
731	BUSY BODY
801	ZEPEDA, RICHARD M
806	SHANE, JIM T
812	MOUNGA, ILAISAANE
815	HERNANDEZ, MANUEL
	LERMAGARAY, ANTONIO
	LOPEZ, PEDRO
	MORENO, SAUL
	NAVARRO, GLORIA B
	RUTH, TOMMY
816	ASSOCIATION FUNDRAISING PROFESSIONAL
	DOCUMENT LAB
	S F PROFESSIONAL FOOD SOCIETY
	SWETLIK, DANIEL E
819	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2005 (Cont'd)

820 IKEDA, SHIZUE
826 STALLEY, DUANE S

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2005

200	CARRASCO, ELIZABETH
	GIALIS, LISSETTE
	KANEAIAKALA, ERIN H
	LOPEZ, MIGUEL A
	MATHEWS, PHILLIP T
	PAYAN, HECTOR
	PRATAP, AJAI K
	SALAS, HECTOR
	THOMAS, MARLIN
201	AA ROTATING APPARATUS CO
	CONCISE INSURANCE SERVICES
	ELHINDI, SUMMER T
	G F A TRADING CO
	GFA TRADING CO
	MORTUARY TRANSPORT SERVICES
	ON TIME SECURITY
	SOS
	SOS ITS
203	HASRAT, NARGIS
211	KINDERCOURT SCHOOL SYSTEM
215	LA FLOR
300	SMOG PROS
	VIRGEN, RAMIRO M
312	KUCHTA, ZYGMUNT
318	LOPEZ, ELIEZER
320	HILL, HERMAN
	PALMER, JAMES M
	WALIGORA, STANLEY A
407	JIFFY LUBE
500	SIMBULAM, ANGELINO
501	CASTRO, PLUTARCO
508	LOPEZ, ERNESTO
511	LINTINI, CHARLES F
512	SINIPATA, PAUL T
517	MURATA, PATRICK J
518	OCCUPANT UNKNOWN,
521	LAM, MENG C
523	OROZCO, ALEJANDRO
525	VARGAS, ABDON
526	ALGER, TRAVIS
600	CHEN, ZHUO Y
603	LIU, BENJERMIN
	OCCUPANT UNKNOWN,
605	WUU, SONNY W
606	CECCHINI, LORRAINE J
609	OCCUPANT UNKNOWN,
615	OCCUPANT UNKNOWN,
617	VARGAS, BECKY A
619	NIETO, LAURA S
621	CONWAY, ANDREW M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2005 (Cont'd)

622	CHENG, PATRICK B
	DAVIS, PAMELA
	DESLER, KEVIN F
	FOX, LORI J
	LEE, MEIYING Y
	MARTINEZ, PATTI M
	NAVARRO, ELIZABETH
	RANKIN, EDWARD
623	COUTURE, ANNETTE F
625	SANTIAGO, TERESO
626	PADILLA, SUNNY
702	HARRIS, AMBER K
706	OCCUPANT UNKNOWN,
707	ZHU, SHENG X
710	COMPUTER CAP
	LAPRESCA, ALBERTO M
711	OCHOA, FRED
715	CHRISTIAN CHINESE CHURCH
	THEONUGRAHA, DAVID
718	TAM, COLLIN
719	GIULIANI, LAUREL M
723	OCCUPANT UNKNOWN,
	PERENCIN, BENVENUTA
	RITTER, BARNEY A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2000

215	MCGOVERNS BAR
222	DRAEGERS FLOWERS
	DRAEGERS SUPERMARKET BAKERY DEPARTMENT
	DRAEGERS SUPERMARKET BANQUET FACILITY
	DRAEGERS SUPERMARKET BRIDAL REGISTRY
	DRAEGERS SUPERMARKET CHEESE CHARCUTERIE DEPARTMENT
	DRAEGERS SUPERMARKET COFFEE BAR
	DRAEGERS SUPERMARKET CONCIERGE
	DRAEGERS SUPERMARKET COOKBOOK LIBRARY
	DRAEGERS SUPERMARKET COOKING SCHOOL MANAGER
	DRAEGERS SUPERMARKET COOKWARE DEPARTMENT
	DRAEGERS SUPERMARKET DELICATESSEN
	DRAEGERS SUPERMARKET FISH & POULTRY DEPARTMENT
	DRAEGERS SUPERMARKET FLORAL DESIGN
	DRAEGERS SUPERMARKET FOOD TRAVEL DESK
	DRAEGERS SUPERMARKET GIFT BASKET DEPARTMENT
	DRAEGERS SUPERMARKET INFORMATION
	DRAEGERS SUPERMARKET MEAT DEPARTMENT
	DRAEGERS SUPERMARKET PARTY GOODS DEPARTMENT
	DRAEGERS SUPERMARKET PRODUCE DEPARTMENT
	DRAEGERS SUPERMARKET RECEIVING
	DRAEGERS SUPERMARKET RESTAURANT VIOGNIER
	DRAEGERS SUPERMARKET SAUSAGE KITCHEN
	DRAEGERS SUPERMARKET SECURITY
	DRAEGERS SUPERMARKET SUSHI DEPARTMENT
	DRAEGERS SUPERMARKET WINE DEPARTMENT
	DRAEGERS SUPERMARKET WINE TASTING
	VIOGNIER RESTAURANT
223	SPIEDO
225	WOLLMERS MUSIC
301	STEP AHEAD CARPETS OF SAN MATEO
302	CALIF MARTIAL FITNESS
303	MAGICAL NAILS
305	BIRKENSTOCK FOOT PRINTS
	FOOT LOOSE BIRKENSTOCK STORE
307	CURUSIS HARRY C PUB ACCT
315	ALEXS DELUXE BARBER SHOP
319	SHAUNAS TAILORING & ALTERATIONS FOR LADIES & MEN
325	LAKUNI
327	ATHENA SALON
333	BEADING FRENZY THE
335	COPYMAN
	WARDROBE CLEANERS
405	ENDO AUTOMOTIVE
480	AGUIRRE INTERNATIONAL
	KINKOS COPIES
500	TACO BELL
505	CHECK EXPERT 2
507	LUCYS BEAUTY SALON
511	LAPINATA MARKET

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 2000 (Cont'd)

517	TAQUERIA LAS CAZUELAS
519	MARYS WESTERN WEAR
525	SPEEDY AUTO & WINDOW GLASS
602	CHEVRON SERVICE STATION
609	MOBIL STATION
706	SAN MATEO GAS
711	BENNETTS, WILLIAM
715	MORGAN, KELLY M
724	OCCUPANT UNKNOWN,
725	ALFARO, C L
	VASQUEZ, CESAR
728	SQUIRES, GARY M
	WAGNER, JOSEPH S
729	OCCUPANT UNKNOWN,
740	OCCUPANT UNKNOWN,
801	ZEPEDA, RICHARD M
806	OCCUPANT UNKNOWN,
811	CAITO, TIM
812	HOKAFONU, AMELIA F
815	BLOK, DMITRIY L
	RODRIQUEZ, MANUEL
816	DOCUMENT LABORATORY
	KILLOUGH, MAURINE
	NATIONAL SOCIETY OF FUND RAISING EXECUTIVES
	PROFESSIONAL FOOD SOCIETY
819	OCCUPANT UNKNOWN,
820	OCCUPANT UNKNOWN,
826	STALLEY, SUSAN E

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2000

200	BISHOP, PAUL E
	HWANG, MAL
	KANEAIAKALA, A
	MARINAS HOUSE CLEANING
	MARTE, A
201	DOLLAR DISCOUNT STORE
	OCCUPANT UNKNOWN,
211	KINDERCOURT SCHOOL SYSTEM
215	LAFLOR
247	OCCUPANT UNKNOWN,
277	OCCUPANT UNKNOWN,
300	SMOG PROS
	VIRGEN, RAMIRO M
302	PAUL, LOIS
318	OCCUPANT UNKNOWN,
320	AGUERO, MICHAEL A
	HEWITT, C
	NUNN, WILLIAM M
402	JIMS UNOCAL
407	JIFFY LUBE SAN MATEO
500	DIETZ, CORINA E
501	OCCUPANT UNKNOWN,
504	OCCUPANT UNKNOWN,
508	OCCUPANT UNKNOWN,
511	LINTINI, CHARLES F
512	OCCUPANT UNKNOWN,
514	FEST, IRENE
517	WISE, THOMAS W
518	FORD, IDA
521	OCCUPANT UNKNOWN,
522	OCCUPANT UNKNOWN,
526	ROSS, KAREN
	SCHRODER, SUZANNE
600	CHEN, ZHUO Y
603	PIERINI, LINDA
604	PEROTTO, REMO
605	WUU, SONNY
606	OCONNOR, KAREN L
609	MINTER, H C
610	OCCUPANT UNKNOWN,
615	OHARA, C B
617	OCCUPANT UNKNOWN,
619	OCCUPANT UNKNOWN,
621	CHOYTOBAR, RUDY E
622	DESLER, KEVIN F
	MARTINEZ, SIMMONS P
	NAVARRO, E
	RANKIN, EDWARD
	ROQUE, MYNOR S
623	COUTURE, ANNETTE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 2000 (Cont'd)

625 OCCUPANT UNKNOWN,
626 OCCUPANT UNKNOWN,
702 OCCUPANT UNKNOWN,
706 OCCUPANT UNKNOWN,
707 ZHU, SHENG X
710 LAPRESCA, ALBERT M
711 OCCUPANT UNKNOWN,
714 VICK, DOROTHY M
715 THEONUGRAHA, DAVID
718 OCCUPANT UNKNOWN,
719 OCCUPANT UNKNOWN,
720 HO, FRANCIS
ROYCE, ROBERT
TRINH, JAMES L
723 PERENCIN, B
RITTER, BARNEY
724 STANLEY, JANET
772 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 1995

223	SPIEDO
225	WOLLMERS
301	STEP AHEAD CARPET
302	ROYAL SPA
303	A C PERSONAL SVC
305	FOOTLOOSE BIRKENSTOCK STORE
307	PHOENIX BAY SUPERTONIC
315	RENZOS DELUXE BARBER SHOP
319	SHAUNAS TAILORING & ALTRTNS
325	COCO SHOP
333	WARDROBE CLEANERS
335	PARK, DO S
400	FROST, RALPH
405	ENDO AUTOMOTIVE
500	TACO BELL
501	BAR TWELVE
505	EL PORTAL
507	LUCYS BEAUTY SALON
511	LA CANASTA
517	DADDY MACS INC
519	GOLF CLUB REPAIR SVC CUSTOM
525	SPEEDY AUTO GLASS
602	AVENUE CHEVRON
609	MOBIL STATION
711	BENNETTS, WILLIAM
715	OCCUPANT UNKNOWNN
719	RIVERA, M
725	OCCUPANT UNKNOWNN
728	WAGNER, JOSEPH S
729	HUTH, GEORGE C
757	DIZON, E
800	PRASAD, GANESH
801	OCCUPANT UNKNOWNN
803	OCCUPANT UNKNOWNN
805	OCCUPANT UNKNOWNN
806	ADACHI, S B
811	CAITO, TIM
812	SAKAHUA, L
815	RODRIQUEZ, MANUEL
	TORRES, MARICEL
816	HARPER, TOM
819	OCCUPANT UNKNOWNN
820	IKEDA, SANAYE
826	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 1995

200	HWANG, MAL
	JOHNSON, SUZANNE
	MACIAS, JAVIER
	MCFADDEN, TODD
	PRATT, TARA
	RAFFANTI, MICHAEL
	REYES, H H
	RODRIQUEZ, CARLOS
	ROJOGOMEZ, FIDEL
201	GREAT AMERICAN FRAMING SHOP
211	KINDERCOURT
215	LA FLOR
300	SAN MATEO SMOG PRO
	SMOG PROS
318	AGUILAR, ELSIE
320	KROGH, LORIN
402	SHIGS UNION SVC
407	JIFFY LUBE
504	VANVELTHUYSEN, ADRIAAN
508	HOWE, PAUL
511	LINTINI, CHARLES F
512	OCCUPANT UNKNOWNN
517	HUVER, LAURA
518	FORD, IDA
521	OCCUPANT UNKNOWNN
522	OCCUPANT UNKNOWNN
523	OCCUPANT UNKNOWNN
525	OCCUPANT UNKNOWNN
526	WARDEN, SUZANNE
600	OCCUPANT UNKNOWNN
603	OCCUPANT UNKNOWNN
604	PEROTTO, REMO
605	WUU, SONNY
606	RODRIGUEZ, AMADEO J
609	MINTER, H C
610	OCCUPANT UNKNOWNN
615	OCCUPANT UNKNOWNN
617	OCCUPANT UNKNOWNN
619	OCCUPANT UNKNOWNN
621	OCCUPANT UNKNOWNN
622	DURKIN, NANCY C
	KIMBERLY STRONCZEK
	VEGA, KAREN M
623	COUTURE, ANNETTE
625	OLIVARES, MANUEL
626	CONCEPCION, BENITO
702	KLEIN, GERRY H
707	ZHU, TONGLEI
710	OCCUPANT UNKNOWNN
711	CLAWSON, JUDY L

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 1995 (Cont'd)

714	VICK, DOROTHY M
715	OCCUPANT UNKNOWNN
718	NAVA, PHIL
719	CHANTELOUP, NOE
720	CHANG, SHIH M
	ELIAN, MARK
723	PERENCIN, BENIAMI
	RITTER, BARNEY
724	STANLEY, JANET

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E 4TH AVE 1992

223	4TH AVENUE CAFE BAR
225	WOLLMERS MUSIC
280	SHERIDAN, R
301	SOFTWARE FOR LESS
302	ROYAL SPA
303	A C PERSONAL SERV
305	BIRKENSTOCK FT PRNT
307	PHOENIX BAY SUPRTNC
315	RENZOS DELUXE BRBR
319	SHAUNAS TAILORING
325	COCO SHOP
333	WARDROBE CLEANERS
335	KRAL, B J
405	ENDO AUTOMOTIVE
500	TACO BELL
501	BAR TWELVE
505	BRITISH FOOD CENTRE
507	LUCYS BEAUTY SALON
511	SIDONIES BOUTIQUE
517	DADDY MACS INC
525	BAY CITIES LOF GLSS
	L O F GLASS INSTLTN
602	AVENUE CHEVRON
609	MOBIL STATION
711	BENNETTS, WILLIAM
719	PANTOJA, MANUEL
724	SALAS, JAN C
725	BRIGGS, M
803	RAMIREZ, RAFAEL
805	MORAN, ANGULO G
806	ADACHI, S B
811	CAITO, TIM
812	SALT, SUITI
815	RODRIQUEZ, MANUEL
	TORRES, M
816	STRASMICH, ANDREW L
820	IKEDA, SANAYE
826	STALLEY, DUANE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

S DELAWARE ST 1992

200	BARRON, DANIEL
	BUCHANAN, CHARLES
	OLSON, PHILIP
201	GREAT AMER FRAMING
211	KINDERCOURT
300	SMOG PROS
318	AGUILAR, ELSIE
320	SIEMANSKI, V
407	JIFFY LUBE
511	LINTINI, CHARLES F
	WITT, CHARLES N
512	TARANTINO, DIANA M
521	CHEN, CAN Y
526	HORNUNG, DAN
	SCHUNZEL, JOE
600	CHEN, ZHUO
604	PEROTTO, REMO
605	WUU, SONNY
606	RODRIGUEZ, AMADEO J
609	MINTER, H C
610	DAHER, GEORGE
623	COUTURE, ANNETTE
625	ALBINANA, ISAURA
626	CONCEPCION, BENITO
711	CLAWSON, JUDY L
714	VICK, DOROTHY M
718	CLINTON, KAREN
719	CHANTELOUP, W R
720	ABED, HAMAD
	ABINADER, RICHARD
	BAROUKI, ADIB
723	PERENCIN, B

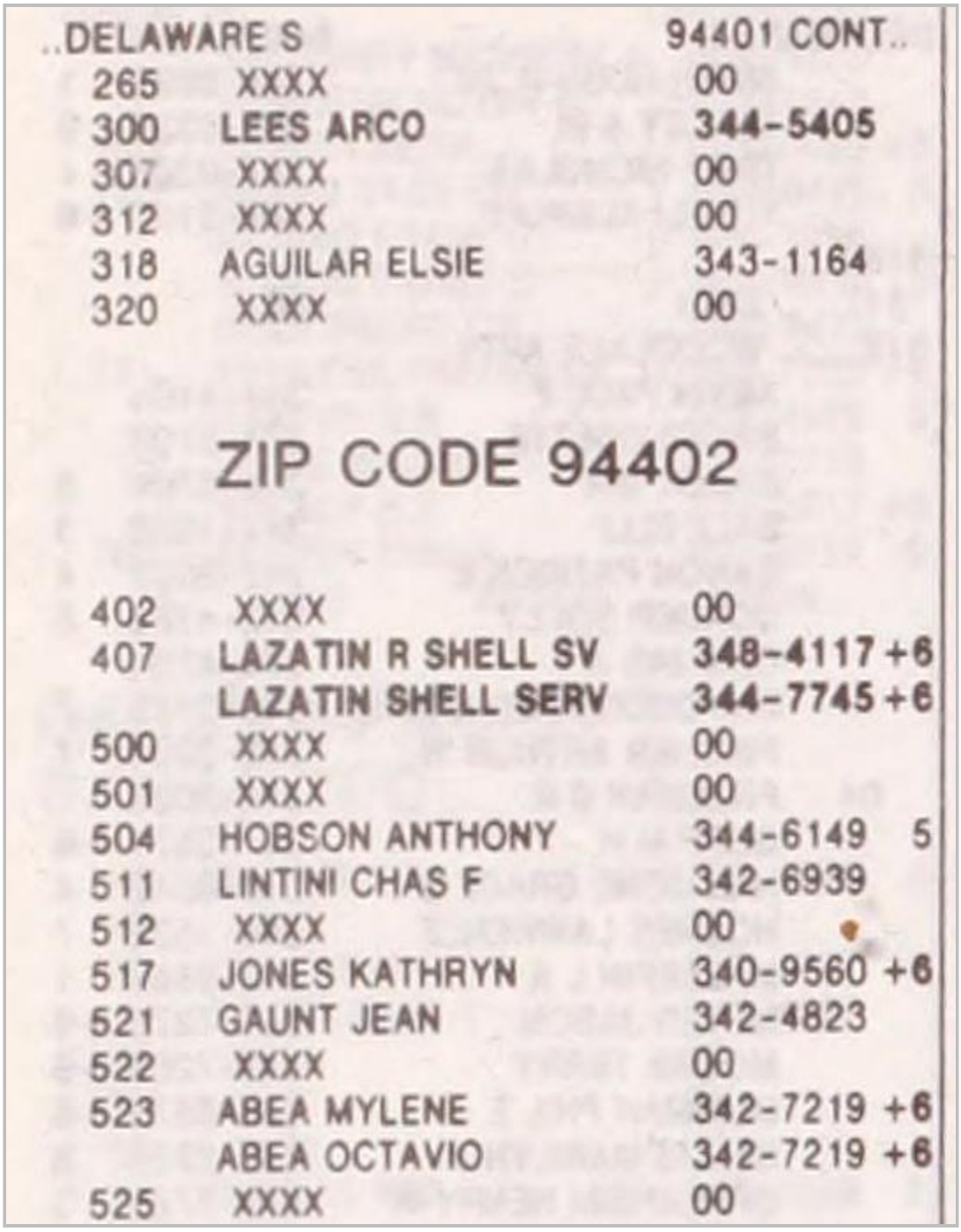
Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

E 4TH AVE 1986

400	XXXX	00	
404	XXXX	00	
405	ENDO AUTOMOTIVE	342-6033	
500	TACO BELL	348-9617	9
501	BAR TWELVE	348-9523	9
505	UNITD KNGDM FRZN FD	347-7498	5
507	BUTTERFLY RCRD&TAPE	343-5213	5
509	COLEMAN PRODUCTIONS	342-4268	
	COLEMAN STUDIO	342-4268	
511	TOY TRNSFR STATION	375-8080	+6
517	SAMS TV	347-1308	
519	GOLF SHOP THE	347-4655	1
525	XXXX	00	
600	XXXX	00	
602	4TH AV CHEVRON	342-7485	+6
609	MOBIL STATION	348-9362	5
706	XXXX	00	
711	BENNETTS WILLIAM	344-8407	
712	XXXX	00	
715	APPLIANCE REPAIR	343-9372	1
	HARKER SCOTT	344-7389	+6
	LEWIS BROS APPL RPR	343-9372	
718	SERENA AUGUST	343-7302	
719	SANCHEZ JESUS	375-0259	+6
724	MCGUIRE P	348-8580	3
725	MARSHALL JOSEPHINE	342-3680	3
728	ROBERTS JOANN	344-9137	8
729	XXXX	00	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

S DELAWARE ST 1986



..DELAWARE S 94401 CONT..

265	XXXX	00
300	LEES ARCO	344-5405
307	XXXX	00
312	XXXX	00
318	AGUILAR ELSIE	343-1164
320	XXXX	00

ZIP CODE 94402

402	XXXX	00
407	LAZATIN R SHELL SV	348-4117 +6
	LAZATIN SHELL SERV	344-7745 +6
500	XXXX	00
501	XXXX	00
504	HOBSON ANTHONY	344-6149 5
511	LINTINI CHAS F	342-6939
512	XXXX	00
517	JONES KATHRYN	340-9560 +6
521	GAUNT JEAN	342-4823
522	XXXX	00
523	ABEA MYLENE	342-7219 +6
	ABEA OCTAVIO	342-7219 +6
525	XXXX	00

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

E 4TH AVE 1981

400	SMTO CAR WASH	343-7557	+1
404	XXXX	00	
405	ENDO T AUTOMOTIVE	342-6033	5
500	TACO BELL	348-9617	9
501	BAR TWELVE	348-9523	9
505	WEST BAY BEAUTY SPL	344-4416	+1
507	XXXX	00	
509	COLEMANS	342-4268	4
511	XXXX	00	
517	SAMS TV	347-1308	
519	GOLF SHOP THE	347-4655	+1
525	MIDAS MUFFLER SHOPS	342-6356	
600	KERCHER OTTO	573-0794	8
602	FOURTH AVENUE CHVRN	697-9013	+1
609	MOBIL SERV STN DLR	343-8056	+1
706	REGAL ARCO SV STN	348-9441	7
711	BENNETTS WILLIAM	344-8407	
712	HIGASHIOKA KUMAJIRO	344-4350	
715	APPLIANCE REPAIR	343-9372	+1
	LEWIS BROS APPL RPR	343-9372	
	LEWIS BROS STOVE	343-9372	
	RAY JAS W	347-0977	+1
718	SERENA AUGUST	343-7302	
719	GELAN A E MRS	344-3482	0
724	XXXX	00	
725	MARSHALL JOSEPHINE	344-3568	+1
728	ROBERTS JOANN	344-9137	8
729	BRISSENDEN WM E	343-6435	+1

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

S DELAWARE ST 1981

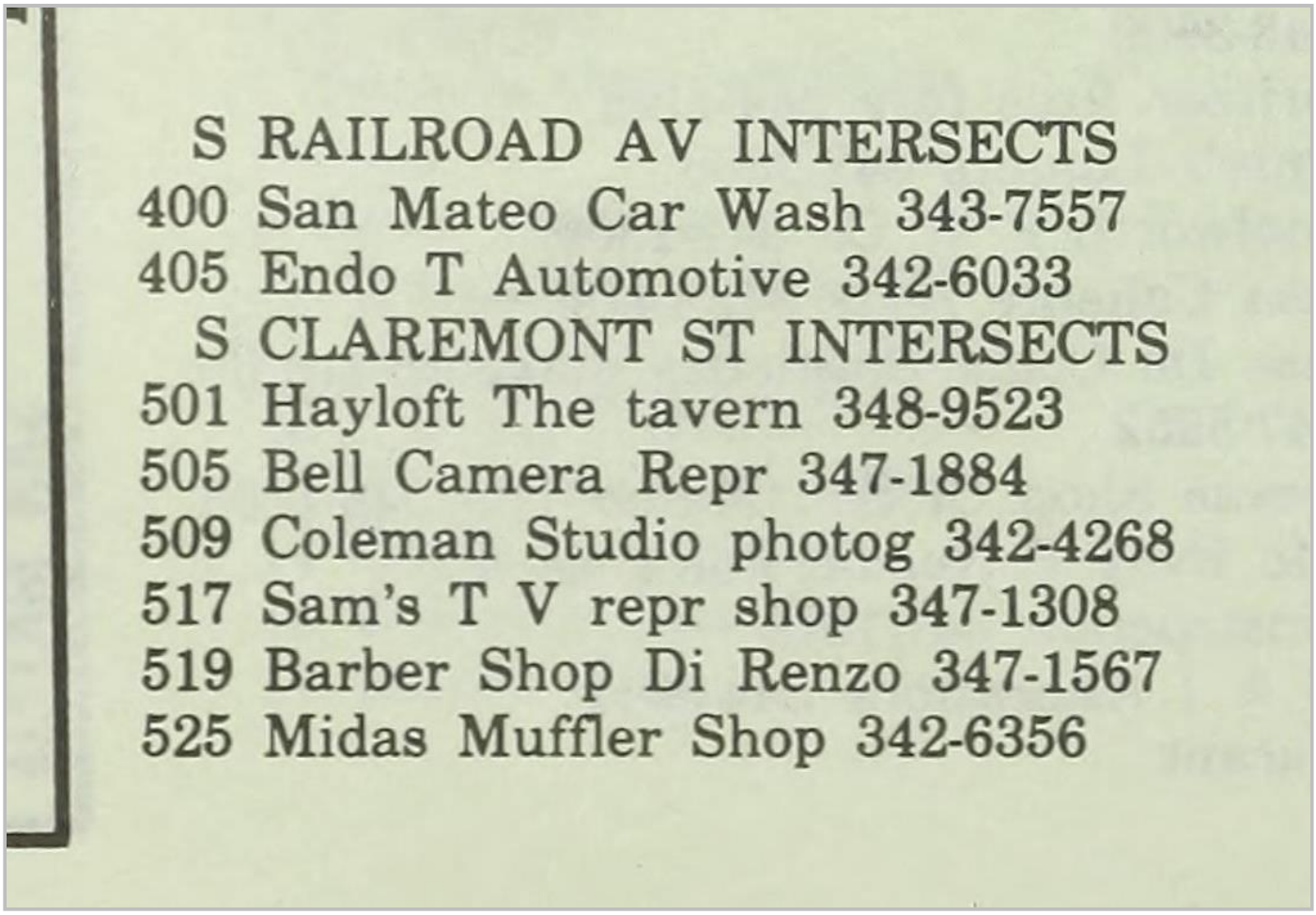
201	**GREAT AM FRMNG SHOP**	**347-4796**	9
	THE GRT AM FRMNG SH	**347-4796**	9
203	XXXX	00	
210	XXXX	00	
211	**TRANSWESTERN SUPPLY**	**342-2078**	4
215	**PEDALS AND WHEELS**	**344-6778**	3
216	HOLSTON VAN H	344-3923	0
265	ISHIDA JOS	344-4163	+1
300	**LEES ARCO**	**344-5405**	5
307	XXXX	00	
312	XXXX	00	
318	AGUILAR ELSIE	343-1164	
320	JAMES KENT A	347-7977	0

ZIP CODE 94402

402	XXXX	00	
407	**FOURTH AVE SELF SRV**	**348-9640**	9
500	MILLER T	343-0404	+1
501	XXXX	00	
504	MIAKE LYE RICK	347-6129	+1
511	LINTINI CHARLES F	342-6939	
512	TARANTINO D M	342-0968	+1
514	FRESCHET M	344-5379	
517	XXXX	00	
521	GAUNT JEAN	342-4823	
522	MORTON MAYE L MRS	343-2254	
523	PRATT MARYLNN	347-9774	9
525	BAGATAIS ARTURS	344-1533	

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1976



S RAILROAD AV INTERSECTS
400 San Mateo Car Wash 343-7557
405 Endo T Automotive 342-6033
S CLAREMONT ST INTERSECTS
501 Hayloft The tavern 348-9523
505 Bell Camera Repr 347-1884
509 Coleman Studio photog 342-4268
517 Sam's T V repr shop 347-1308
519 Barber Shop Di Renzo 347-1567
525 Midas Muffler Shop 342-6356

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1976

S DELAWARE ST INTERSECTS
ZIP CODE 94402
602 Lucas Nick A & Son Chevron Service
343-0637
609 Fourth Avenue Mobil Serv gas sta
343-8056
EL DORADO ST INTERSECTS
706 Regal Arco Service Station 348-9441
711 Bennett Wm ◎ 344-8407
712 Higashioka Kumajiro ◎ 344-4350
715 Lewis Brothers Stove Repr 343-9372
Lanier J P 348-0241
718 Serena Kath M Mrs ◎ 343-7302
719 Gelan Alf E ◎
724 Cocconi Peter E ◎ 343-0280
725 No Return
728 Roberts Byron A
729 Woodruff Charles W 342-3237
FREMONT ST INTERSECTS

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1976

2D AV INTERSECTS

200 Delaware Apartments
1★Steenport Angela H
2 No Return
3★Schwartz Maurice C 344-9985
4 Kim P
5 Gomez J
6 Haring Wesley W 344-2154
7 Jackson Roy 347-3360
8★Mac Dougall Gale 344-8752
9 Phillips M
10★Kreneck Winona
11★Kirincic Robt N 347-8459
12★Livingston Wm G 347-6753
14 Hwang Woo Jin 347-3663
15 Ortega G
16 No Return
17 Patton T
201 Silverpoint The handcraft & jewelers 343-6500
203 Trammell's Antiques tavern 347-0111
Yoli's Oak Tree antiques
Paul & Bev's All Around Antiques
211 Transwestern Associate Supply Co hdw 342-2078
215 Pedals & Wheels bicycles 344-6778

3D AV INTERSECTS

300 Fine's Arco 344-5405
307 Gospel Temple 347-1113
312★Berry Gloria H 347-4632
318 Aguilar Elsie M Mrs ◎ 343-1164
320a Dunham Pat 344-8850
320b Wilson Tom
320c Mc Kenney D
320d Zakharoff Nick
320e Dixon Don

4TH AV INTERSECTS

402 Shig's Union Oil gas sta 348-9628

5TH AV INTERSECTS

500★Johnson Linn E 348-6691
501 Wegener Werner ◎ 344-2932
504★Tabler Randy
508 Wilkenson Joan
511 Lintini Charles F ◎ 342-6939
512 Peterson Eva H Mrs ◎ 343-5202
514 Freschet Maria Mrs ◎ 344-5379
517 Steffler Josephine Mrs ◎ 344-0109
518 Ford Geo F ◎
521 Gaunt E Jean Mrs ◎ 342-4823
522 Morton Maye L Mrs ◎ 343-2254
523 Grosserhode Marianne
525 Bagatais Anna Mrs ◎ 344-1533

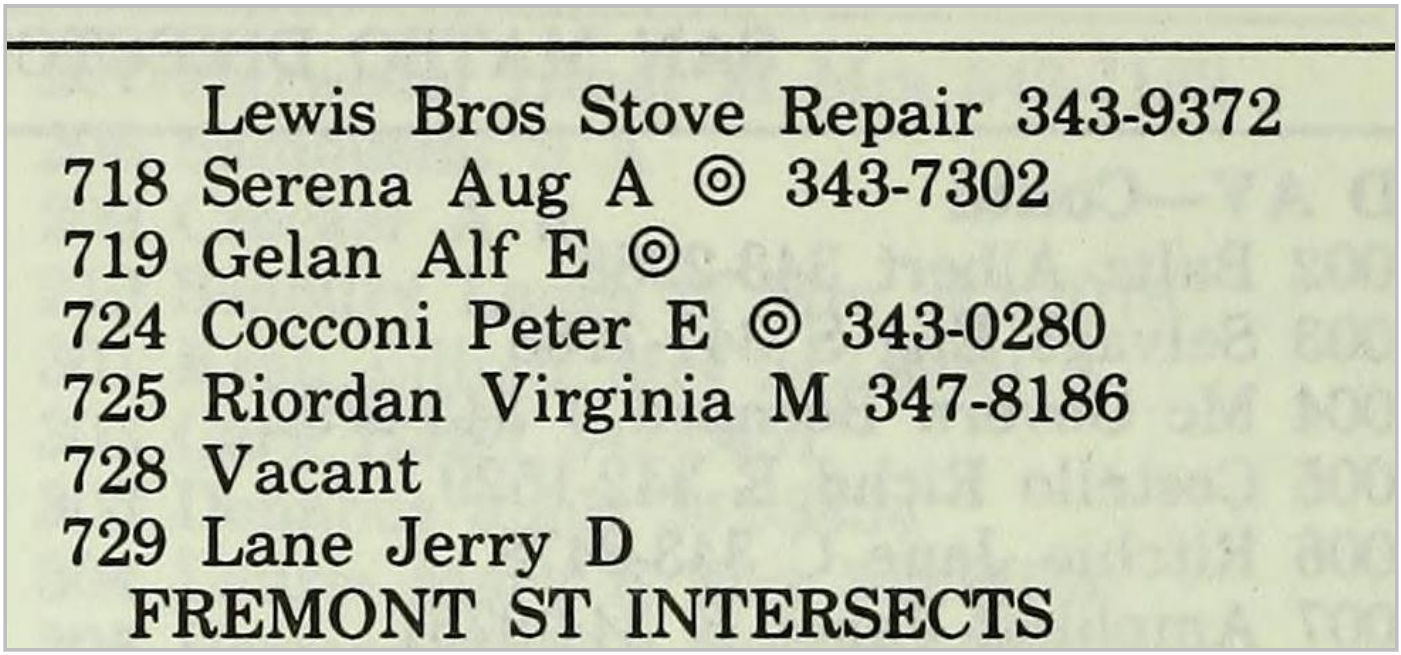
Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1970

S RAILROAD AV INTERSECTS
400 San Mateo Car Wash 343-7557
405 Endo T Automotive auto repr 342-6033
500 Shinoda Shig Union Service 343-9628
501 J & G Restaurant & Cocktail Lounge 343-9602
507 Fourth Avenue Cleaners 343-8352
509 Coleman Colour Studio coml photog 342-4268
511 Volunteer Transcribing Services (Work Shop) 347-5601
S CLAREMONT ST INTERSECTS
517 Sam's T V Repair Shop 347-1308
519 Rey's Barber Shop 343-9955
525 Midas Muffler Shop 342-6356
S DELAWARE ST INTERSECTS
600 Fourth Avenue Shell 342-2802
602 Lucas Nick A & Son Chevron Serv gas sta 343-0637
EL DORADO ST INTERSECTS
706 Hancock Service Station 343-9572
711 Bennetts Wm ◎ 344-8407
712 Higashioka Kumajiro Mrs ◎ 344-4350
715 Daniels Ethel Mrs 342-2554

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1970



Lewis Bros Stove Repair 343-9372
718 Serena Aug A ◎ 343-7302
719 Gelan Alf E ◎
724 Cocconi Peter E ◎ 343-0280
725 Riordan Virginia M 347-8186
728 Vacant
729 Lane Jerry D
FREMONT ST INTERSECTS

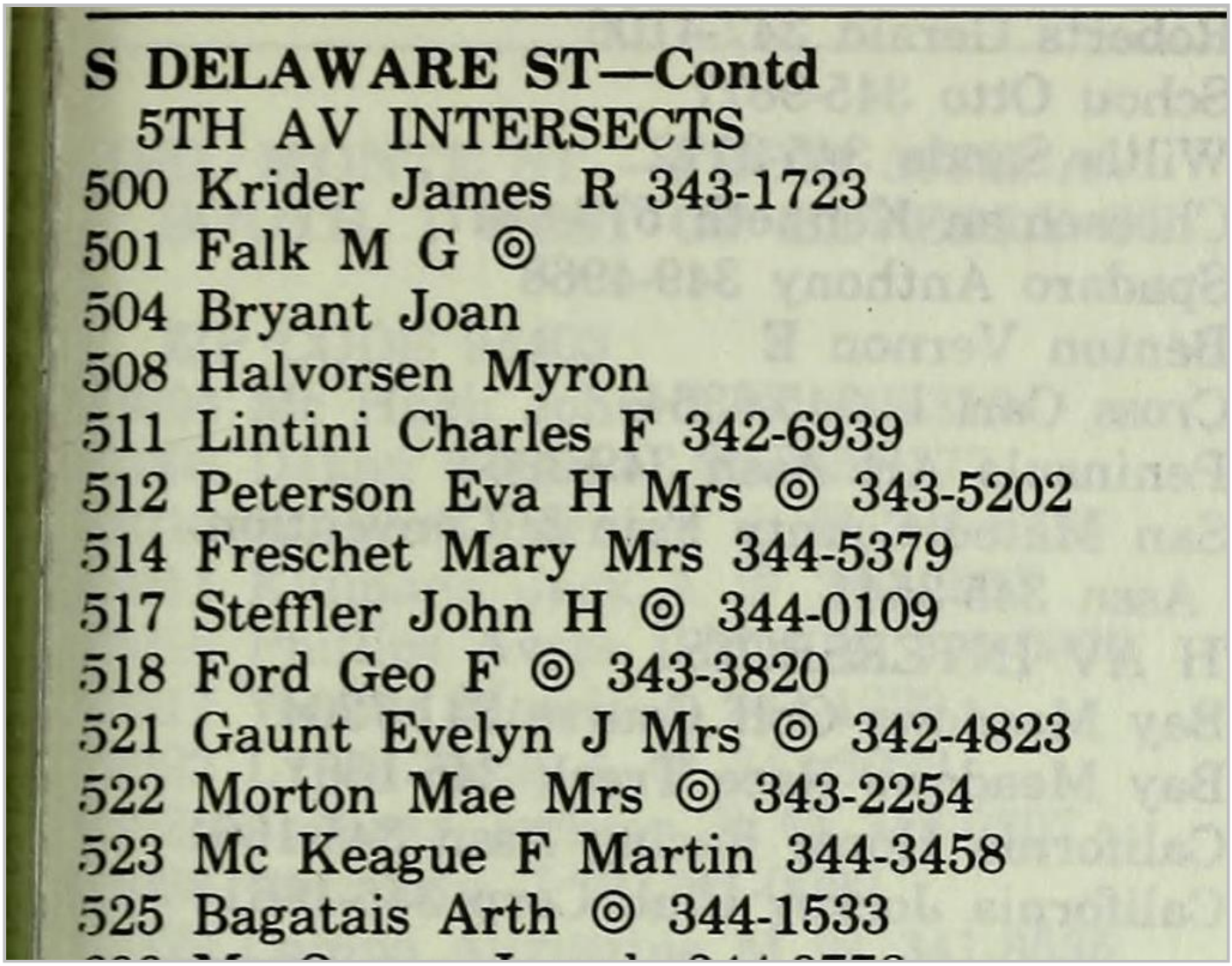
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1970

200 Delaware Apartments 343-3532
1 Jonssen Gladys
2 Osborne R L
3 Thrasher G
4 Jacobson Richd P 343-7852
5 Mc Kenna James E 347-1510
6 Van Cleave Tom
7 Topil Barbara H 347-0921
8 Smedley Laura
9 Schipper Nancy
10 De Cambra John
11 Fukuda Yoshiaki R 344-5221
12 Bellock Joseph
14 Vickroy Bruce 347-6704
15 Suitt John 343-5402
16 Mc Auliffe Dennis
17 Barret Janice Mrs 344-0468
203 Friendly Corner The tavern 343-9830
Chiesa Roland
210 Aguilar Stella Mrs 344-2761
211 Transwestern Supply Co hdw 342-2078
215 Rac N Cue billards 342-3355
216 Vaihola Tevita 343-0655
3D AV INTERSECTS
300 Hector's Richfield 342-0202
307 Stumble Eleanor A Mrs 344-2683
312 Vacant
318 Aguilar Joseph ◎ 343-1164
320a Arasuke Obinata
320b Freitas Don
320c Brenneke R F 347-9359
4TH AV INTERSECTS
402 Fourth Avenue American Oil 344-2261

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1970



S DELAWARE ST—Contd

5TH AV INTERSECTS

500 Krider James R 343-1723
501 Falk M G ◎
504 Bryant Joan
508 Halvorsen Myron
511 Lintini Charles F 342-6939
512 Peterson Eva H Mrs ◎ 343-5202
514 Freschet Mary Mrs 344-5379
517 Steffler John H ◎ 344-0109
518 Ford Geo F ◎ 343-3820
521 Gaunt Evelyn J Mrs ◎ 342-4823
522 Morton Mae Mrs ◎ 343-2254
523 Mc Keague F Martin 344-3458
525 Bagatais Arth ◎ 344-1533

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1966

302 Beneficial Management Corp of Am
loans 342-5231
303 Clark's Reweaving Studio DI3-6893
305 Vacant
307 Delmar Geo 347-4478
315 DeLuxe Barber Shop
319 Irma's Salon of Beauty 342-2363
325 Bus's Coffee Shop 343-9585
333 Wardrobe Clns 342-3534
335 Bel-Mateo Enterprises Inc
343-1515
Cal Cab Co 343-2100
Checker Cab Co 343-2100
Yellow Cab Co of San Mateo
343-1234

17

S Railroad av intersects

ne cor Endo T Automotive repr 342-6033
400 TDM Inc Car Wash DI4-6993
500 Shinoda Shig Union Serv gas sta
DI3-9628
501-05 J & G Restr & Cocktail Lounge
343-9602
507 Fourth Av Clns DI3-8352
509 Coleman Colour Studio 342-4268

S Claremont intersects

517 Vacant
519 Dave's Barber Shop
525 Midas Muffler Shop 342-6356

S Delaware intersects

602 Harry Young Chevron Serv Sta
343-9563
611 No return

El Dorado intersects

706 Hancock Serv Sta DI3-9937
711 Bennetts Wm ◎ DI4-8407
712 Higashioka Kumajiro ◎ DI4-4350
715 Daniels Ethel Mrs 343-3759
rear Lewis Bros appl repr 343-9372
718 Serena Aug A ◎ DI3-7302
719 Gelan Alf E ◎
724 Cocconi Peter E ◎ DI3-0280
725 Murnane Thos F 343-6384
728 Casagrande Luigi C ◎ DI3-1767

Fremont intersects

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1966

200 Delaware Apts 344-8291
1 Day Jas
2 Young Regaldo 344-2488
3 Epistola Marie
4 Gonyeau Oliver 342-2836
5 Hashimoto Rubi M
6 Dunkers Wm 344-2088
7 Garrison Paul 347-3229
8 Moore D W
9 Magill Geo R jr DI4-9256
10 DeCambra John
11 Fukuda Yoshiaki R 344-5221
12 Lebovitz Jerry 344-8291
14 Cacioppo Geo J
15 Smith Wayne H 343-8529
16 Schroder Hal
17 Vacant
203 Friendly Corner The tavern DI3-9150
210 Aguilar Stella Mrs 344-2761
211 Trans Western Sup Co DI2-7117
Texboro Cabinet Corp 342-7117
215 Floortown 342-0566
216 Fonea Deiko 347-4369
300 Third Avenue Richfield gas sta 347-0366
307 Stumbles Fred H DI4-2683
312 Mathis Harriet A Mrs 342-2654
318 Aguilar Jos ◎ 343-1164
319 DeSmidte David J 347-1877
320 Hiskey Patricia Mrs 347-0538
325 Cassell Raymond ◎ DI3-8474
Garcia Rueben
rear Morales Lawrence
4th av intersects
402 Vacant
rear Vacant
407 Marchesin Bros Shell Serv gas sta DI2-2802
415 Demonte Antonio
416 No return
417 Troy Noel A DI2-2465
5th av intersects
500 Day John N 342-0512
501 Arters Robt N 342-5043
504 No return
506 Bryant Joan Mrs
508 Vacant
511 Lintini Chas F
512 Vacant
514 Freschet Maria Mrs 344-5379
517 Steffler Blanche Mrs ◎ DI4-0109
518 Ford Geo F ◎ DI3-3820
521 Gaunt Evelyn J Mrs ◎ DI2-4823
522 Morton Mae Mrs ◎ 343-2254
523 McKeague F Martin DI4-3458
525 Bagatais Arth ◎ 344-1533

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1963

307 Lynch Wm
315 DeLuxe Barber Shop
319 Emmy's Salon of Beauty DI2-2363
325 Bus's Coffee Shop restr
DI3-9585
333 Wardrobe Clns 342-3534
335 Bel-Matio Enterprises
Inc 343-1234
335 Cal Cab Co 343-2100
Checker Cab Co 343-2100
Yellow Cab Co of San Mateo
343-1234

17

S Railroad av intersects
ne cor Perry & Whitelaw Inc
(br) tires 342-2051
400 TDM Inc Car Wash
DI4-6993
500 Shinoda Shig Union Serv
gas sta DI3-9628
501 J & G Restr & Cocktail Lounge
343-9602
505 J & G Cocktail Lounge
DI3-9602
507 Fourth Av Clns DI3-8352
509 Logan & Logan mfrs agt
342-9753
511 Vacant
S Claremont intersects
517 State Dept of Education
Vocational Rehabilit-
ation Serv DI3-0061
519 Dave's Barber Shop
525 MacKenzie Alma F
S Delaware intersects
602 Young Harry Chevron Serv
Sta DI3-9563
611 Fell Myrtle G Mrs 342-6886
El Dorado intersects
706 Bob's Hancock gas station
DI3-9937
711 Bennetts Wm DI4-8407
712 Higashioka Kumajior ◎
DI4-4350
715 Daniels Ethel Mrs 343-3759
rear Lewis Bros appl shop
DI3-9372
718 Serena Aug A ◎ DI3-7302
719 Gelan Alf E ◎
724 Cocconi Peter E ◎
DI3-0280
725 Yoshioka Jimmy Y ◎
DI4-6528
728 Casagrande Luigi C ◎
DI3-1767

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1963

DELAWARE S--Contd
2d av intersects
200 Delaware Apartments
1 Vacant
2 Cole Doris A
3 Levine Edwin H 344-8419
4 Vacant
5 Vacant
6 Chann Armond 343-2959
7 Geary R
8 Raburn Benny O 342-0367
9 Vacant
10 Vacant
11 Vacant
12 Vacant
14 Vacant
15 Rodenberg Wolfgang K 344-1653
16 Vacant
17 Bedford Harry DI2-2758
Street continued
203 Friendly Corner Cafe The
tavern DI3-9775
DI3-9150
210 Vacant
216 Nunez Richd DI3-4902
300 Ed's Richfield 342-2281
307 Stumbles Fred H DI4-2683
312 Schmidt Harriet A Mrs
DI4-3841
318 Aguilar Jos ◎ DI3-1164
319 Barclay Frank D ◎ DI4-3382
320 Vacant
325 Cassell Raymond ◎ DI3-8474
McCord Orva Mrs
rear Brask Geo
326 Armstrong Jack DI4-0267
Kennedy John H DI4-9416
4th av intersects
402 Crivello Jos DI2-4991
rear Carlson Helen B Mrs DI2-4255
Lasorte John
Pisteri Maffo
407 Marchesin Bros Shell Serv gas sta
DI2-2802
415 Demonte Antonio
416 Warner Edw J jr
417 Troy Noel A DI2-2465
421 Vacant
5th av intersects
500 Day John N DI2-0512
501 Dehnel Geo S 343-7671
504 Villa J DI2-6445
508 Vacant
511 Lintini Chas F ◎ DI2-6939
512 Peterson Julius◎ DI3-5202
514 Freschet Maria Mrs
517 Steffler Blanche Mrs ◎
DI4-0109
518 Ford Geo F ◎ DI3-3280
521 Gaunt Evelyn J Mrs ◎
DI2-4823
522 Morton Mae ◎ 343-2254
523 McKeague F Martin
525 Vacant

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1956

301 Belliveau Interiors
303 Book Nook The ΔDI 4-6033
Clark's Reweaving Studio
ΔDI 3-6893
305 Sun Realty Co ΔDI 3-7237
307 Blattman John J ΔDI 2-1112
315 DeLuxe Barber Shop
319 United Roofing & Materials
Co ΔDI 2-0685
325 Floyd's Coffee Shop
ΔDI 3-9585
333 Wardrobe Inc ΔDI 2-1112
335 Yellow Cab Co ΔDI 3-1234
ΔDI 3-1515
Checker Cab Co ΔDI 3-2100
Cal Cab Co ΔDI 3-2901

17

Railroad av intersects

500 Low's Union Oil Sts
ΔDI 3-9628
501 J & G Restr ΔDI 3-9602
505 J & G Cocktail Lounge
ΔDI 3-9602
507 Sterling Clns ΔDI 4-8298
509 Fazio Nick P tailor
ΔDI 4-8261
511 Watch Stop The reprs
ΔDI 2-1714

S Claremont intersects

517 State Dept of Educ Bur of
Vocational Rehabilitation
ΔDI 3-0061
519 Jimmy's Barber Shop
ΔDI 4-8731
525 MacKenzie James A

S Delaware intersects

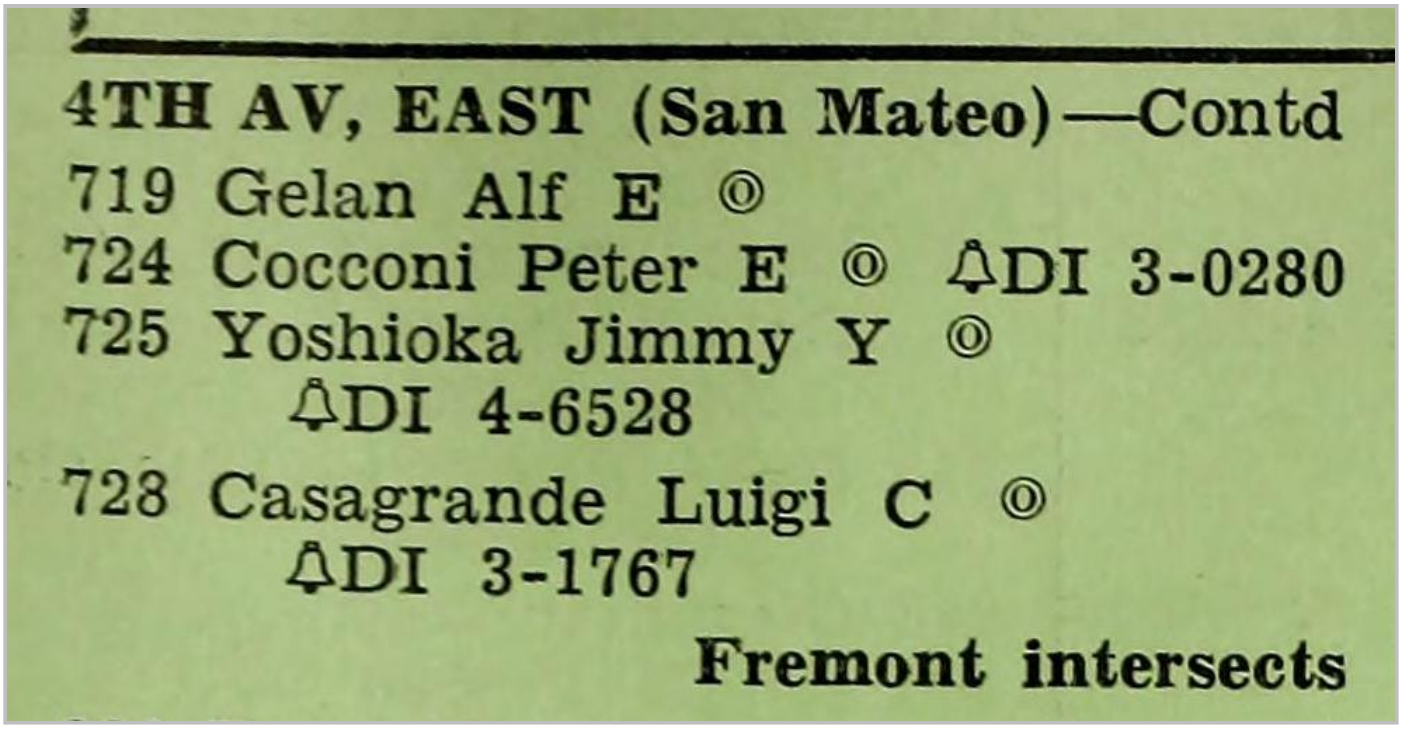
602 Standard Stas Inc ΔDI 3-9563
611 Fell Myrtle Mrs

Eldorado intersects

706 Wood Chas F © ΔDI 3-0806
711 McLetchie Thos R ©
ΔDI 3-0244
712 Higashioka Kumajiro ©
ΔDI 4-4350
715 Lewis John W © ΔDI 3-9372
718 Serena Aug A © ΔDI 3-7302

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

E 4TH AVE 1956



4TH AV, EAST (San Mateo)—Contd

719 Gelan Alf E ©

724 Cocconi Peter E © DI 3-0280

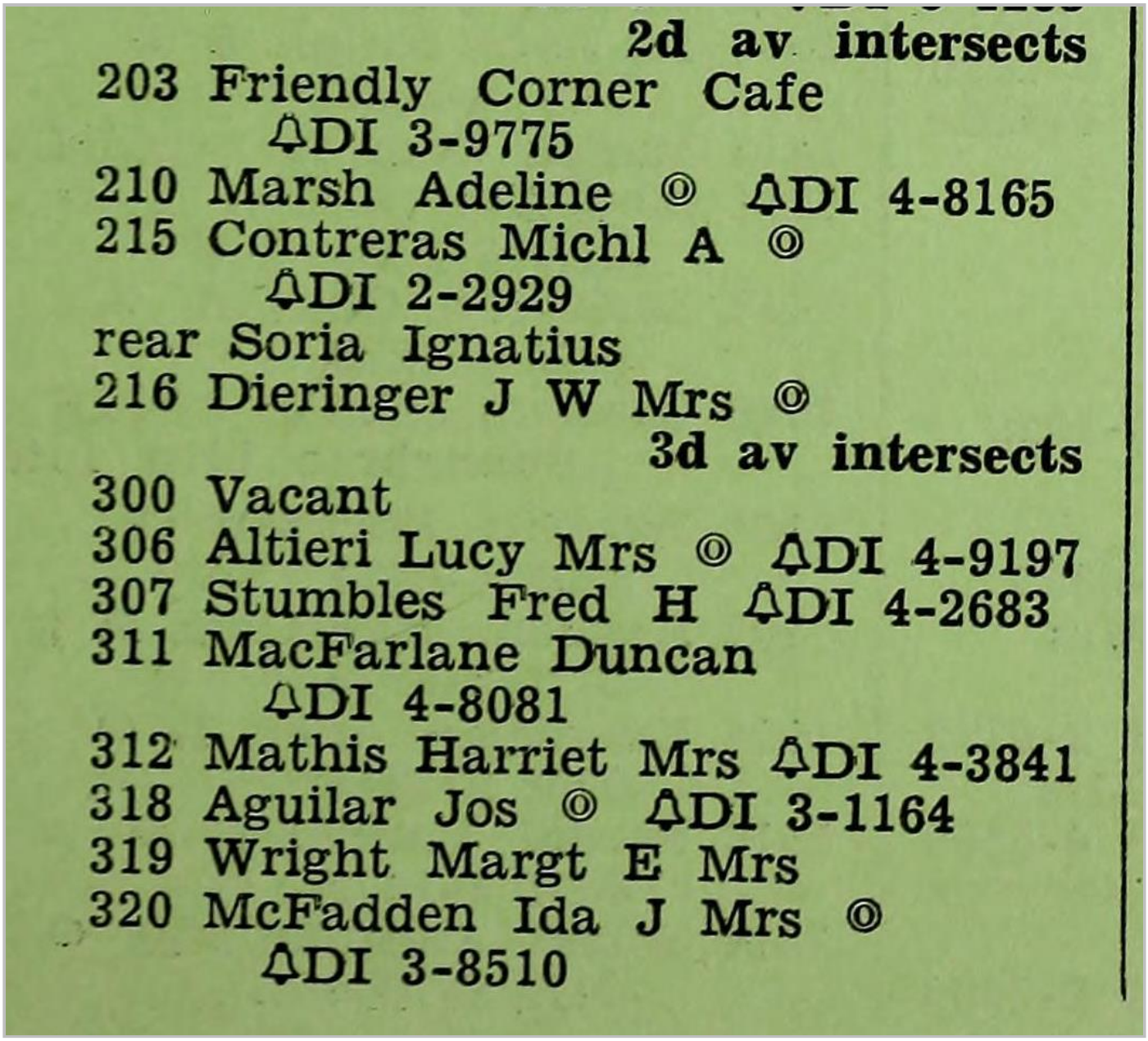
725 Yoshioka Jimmy Y ©
DI 4-6528

728 Casagrande Luigi C ©
DI 3-1767

Fremont intersects

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1956



2d av intersects

203 Friendly Corner Cafe
DI 3-9775
210 Marsh Adeline © DI 4-8165
215 Contreras Michl A ©
DI 2-2929
rear Soria Ignatius
216 Dieringer J W Mrs ©

3d av intersects

300 Vacant
306 Altieri Lucy Mrs © DI 4-9197
307 Stumbles Fred H DI 4-2683
311 MacFarlane Duncan
DI 4-8081
312 Mathis Harriet Mrs DI 4-3841
318 Aguilar Jos © DI 3-1164
319 Wright Margt E Mrs
320 McFadden Ida J Mrs ©
DI 3-8510

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

S DELAWARE ST 1956

321a Mestas Tom
321b Vacant
321c Daniels Keith
325 Cassell Raymond L ©
ΔDI 3-6393
326 Armstrong Jack ΔDI 4-0267
Kennedy John H ΔDI 4-9416

4th av intersects

402 Santo Vincent J
rear Carlson Helen Mrs
Lusardi John
407 Marchesin Bros Shell Serv
ΔDI 2-2802
415 Ball Norman J ΔDI 2-1587
416 Bale Frank H © ΔDI 3-0427
416½ Roeker Elmer
417 Vacant
418 Welsh Wm
421 Vacant

5th av intersects

500 Day John N ΔDI 2-0512
501 Wancho John Mrs ΔDI 3-9493
503 Bram Denny E ΔDI 4-3717
504 Mullen Mary Mrs ΔDI 2-2647
508 Shane John ΔDI 2-1313
511 Donahue John S ΔDI 2-2609
512 Peterson Julius ΔDI 3-5202
514 Freschet Jos © ΔDI 4-5379
517 Steffler Blanche Mrs ©
ΔDI 4-0109
518 Ford Geo © ΔDI 3-3820
521 Gaunt Evelyn I Mrs ©
ΔDI 4-4496
522 Duffy Mary K Mrs ©
ΔDI 3-2254
525 Vacant

APPENDIX G

HISTORICAL ENVIRONMENTAL REPORTS

KAPREALIAN ENGINEERING
INCORPORATED

KEI-J92-0801.R2
December 15, 1992

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. Tim Howard

RE: Stockpiled Soil Sampling for
Unocal Service Station #6390
402 South Delaware Street
San Mateo, California

Dear Mr. Howard:

This letter report summarizes the analytical results of the composite soil samples that were collected from the stockpiled soil at the referenced site. The soil analyses were conducted to comply with the local regulatory agency requirements for proper disposal of potentially contaminated soil.

On August 5, 1992, soil samples from approximately 150 cubic yards of stockpiled soil that had been excavated from the fuel tank pit were collected to determine proper disposal of the soil. Three composite soil samples (designated as Comp A, Comp B, and Comp C) were taken. Each composite sample consisted of four individual grab samples taken at various locations and at depths of approximately 2 feet into the stockpile. The individual samples were subsequently composited as one sample by the lab. The samples were collected in two-inch diameter, clean brass tubes, which were then sealed with aluminum foil, plastic caps and tape, and placed in a cooled ice chest for subsequent delivery to a certified laboratory for analysis. All samples were analyzed at Sequoia Analytical Laboratory in Concord, California, and were accompanied by properly executed Chain of Custody documentation. Sample point locations are as shown on the attached Site Plan, Figure 1.

On August 24, 1992, Kaprealian Engineering, Inc. (KEI) returned to the site to collect soil samples from approximately 650 cubic yards of additional stockpiled soil that had been excavated from the fuel tank pit. Thirteen composite samples (designated as Comp D, Comp E, Comp F, Comp G, Comp H, Comp I, Comp J, Comp K, Comp L, Comp M, Comp N, Comp O, and Comp P) were collected and stored as described above. Sample point locations are as shown on the attached Site Plan, Figure 2.

Also, on August 24, 1992, soil samples from approximately 50 cubic yards of aerated stockpiled soil (previously sampled as Comp A) at

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

the referenced site were collected to determine proper disposal of the soil. One composite soil sample (designated as Comp 1) was taken. The sample was collected and stored as described above. Sample point locations are as shown on the attached Site Plan, Figure 2.

On October 14, 1992, KEI returned to the site to collect soil samples from approximately 50 cubic yards of stockpiled soil that had been excavated from the pump island area during dispenser replacement. One composite soil sample (designated as Comp Q) was collected and stored as described above. Sample point locations are as shown on the attached Site Plan, Figure 3.

On October 22, 1992, one composite soil sample (designated as Comp R) was collected and stored as described above, from an additional 50 cubic yards of stockpiled soil that had been excavated from the pump island area during dispenser replacement. Sample point locations are as shown on the attached Site Plan, Figure 3.

On November 30, 1992, one composite soil sample (designated as Comp 4) from approximately 50 cubic yards of aerated stockpiled soil (previously sampled as Comp R) was collected and stored as described above to determine proper disposal of the soil. Sample point locations are as shown on the attached Site Plan, Figure 4.

Soil samples were analyzed to determine concentrations of total petroleum hydrocarbons (TPH) as gasoline by EPA method 5030 in conjunction with modified 8015, and benzene, toluene, xylenes, and ethylbenzene by EPA method 8020. In addition, samples Comp D through Comp P were re-composited as Comp DE, Comp FG, Comp HI, Comp JK, Comp LM, Comp NO, and Comp P and analyzed for organic lead and total lead. Also, composite sample Comp J was analyzed for Ignitability and a 96-hour Acute Hazardous Waste Bioassay was conducted. Results of the soil analyses are summarized in Table 1 and Table 2. Copies of the laboratory analyses, and the Chain of Custody documentation are attached to this report.

Based on the analytical results of the soil samples, approximately 250 cubic yards of stockpiled soil, represented by samples Comp B, Comp C, Comp 1, Comp Q and Comp 4, were disposed of at Mountain View Landfill in Mountain View, California (an approved Class III disposal facility) by Dillard Trucking of Byron, California. However, prior to loading and off-hauling of the stockpiled soil, KEI recommended that if isolated areas of contamination were detected within the stockpiled soil, those portions of the soil be separately stockpiled for further treatment and sampling.

In addition, approximately 650 cubic yards of stockpiled soil (represented by Comp D, Comp E, Comp F, Comp G, Comp H, Comp I, Comp J, Comp K, Comp L, Comp M, Comp N, Comp O, and Comp P) were transported to Ben's Truck and Equipment in Red Bluff, California, for treatment and disposal.

DISTRIBUTION

A copy of this report should be sent to Ms. Sabrina Mih of the San Mateo County Department of Environmental Health, and to the Regional Water Quality Control Board, San Francisco Bay Region.

Should you have any questions on this report, please do not hesitate to contact me at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Deanna L. Harding
Technical Assistant

\dlh

Attachments: Tables 1 & 2
Site Plans - Figures 1, 2, 3 & 4
Laboratory Analyses
Chain of Custody documentation

KEI-J92-0801.R2
December 15, 1992

SOIL STOCKPILE

TABLE 1

SUMMARY OF LABORATORY ANALYSES

Date	Sample	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	Ignitability	Bioassay
8/05/92	Comp A	140	ND	1.2	2.2	19	--	--
	Comp B	3.1	ND	ND	ND	0.068	--	--
	Comp C	ND	ND	ND	ND	ND	--	--
8/24/92	Comp D	1,200	1.1	18	20	180	--	--
	Comp E	1,200	5.2	65	22	150	--	--
	Comp F	360	ND	0.31	0.52	39	--	--
	Comp G	640	0.26	0.66	ND	72	--	--
	Comp H	250	ND	0.16	ND	14	--	--
	Comp I	1,400	0.56	3.3	5.6	310	--	--
	Comp J	3,300	2.7	60	24	530	55°C (131 °F)	LC-50: >1,000 ppm
	Comp K	1,500	1.8	65	28	240	--	--
	Comp L	3,200	7.0	120	44	470	--	--
	Comp M	3,300	2.5	92	66	730	--	--
	Comp N	460	ND	1.7	2.2	49	--	--
	Comp O	2,000	4.9	100	40	310	--	--
	Comp P	1,800	3.5	110	39	270	--	--
	Comp 1	1.1	ND	0.036	0.012	0.087	--	--
10/14/92	Comp Q	4.1	ND	ND	ND	0.091	--	--
10/22/92	Comp R	570	ND	1.0	3.0	39	--	--
11/30/92	Comp 4	ND	ND	ND	ND	ND	--	--

ND = Non-detectable.
-- Indicates analysis was not performed.
Results in parts per million (ppm), unless otherwise indicated.

KEI-J92-0801.R2
December 15, 1992

TABLE 2

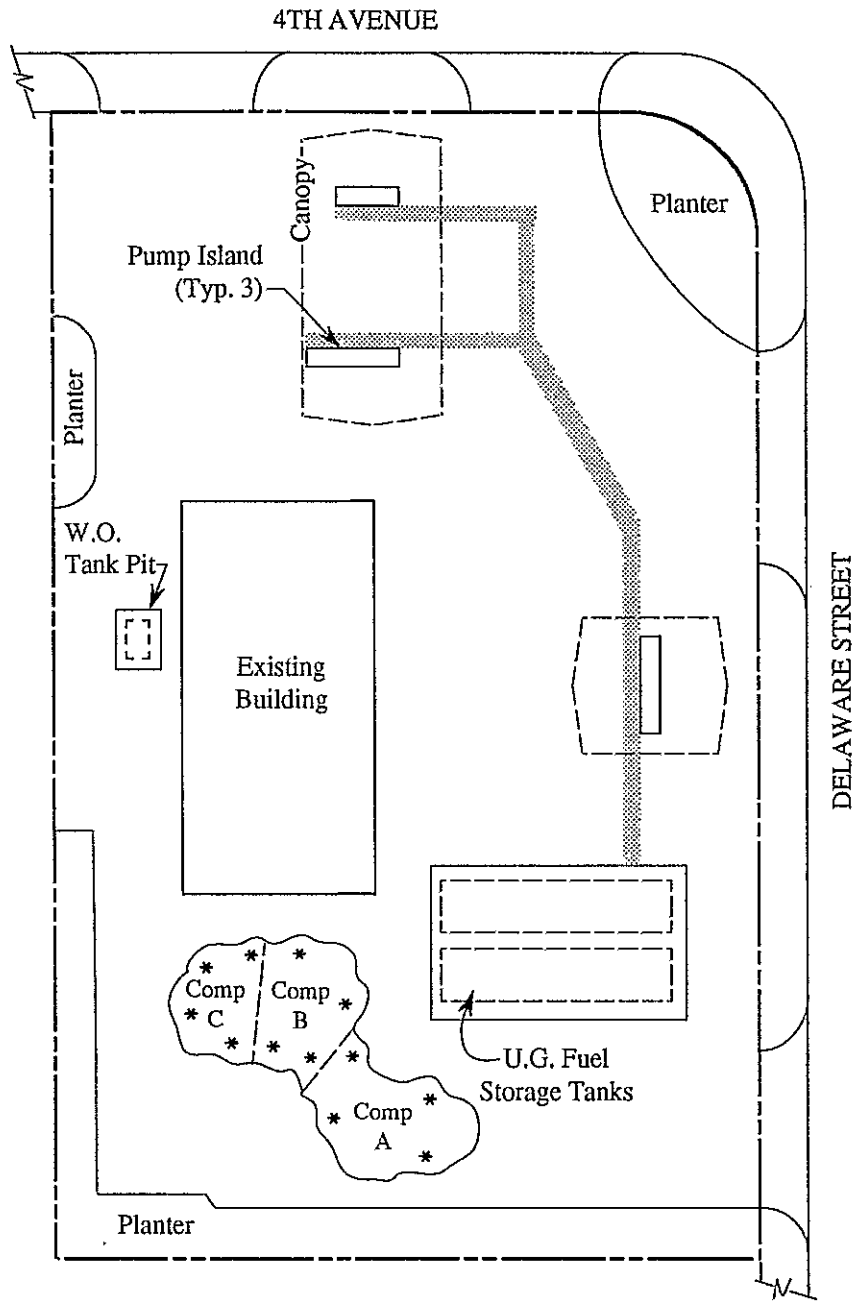
SUMMARY OF LABORATORY ANALYSES

(Collected on August 24, 1992)

Sample	Total Lead	Organic Lead
Comp DE	6.8	ND
Comp FG	7.2	0.090
Comp HI	7.1	ND
Comp JK	5.7	ND
Comp LM	4.9	ND
Comp NO	6.8	ND
Comp P	4.4	ND

ND = Non-detectable.

Results in parts per million (ppm), unless otherwise indicated.



LEGEND

* Sample point location

0 30 60

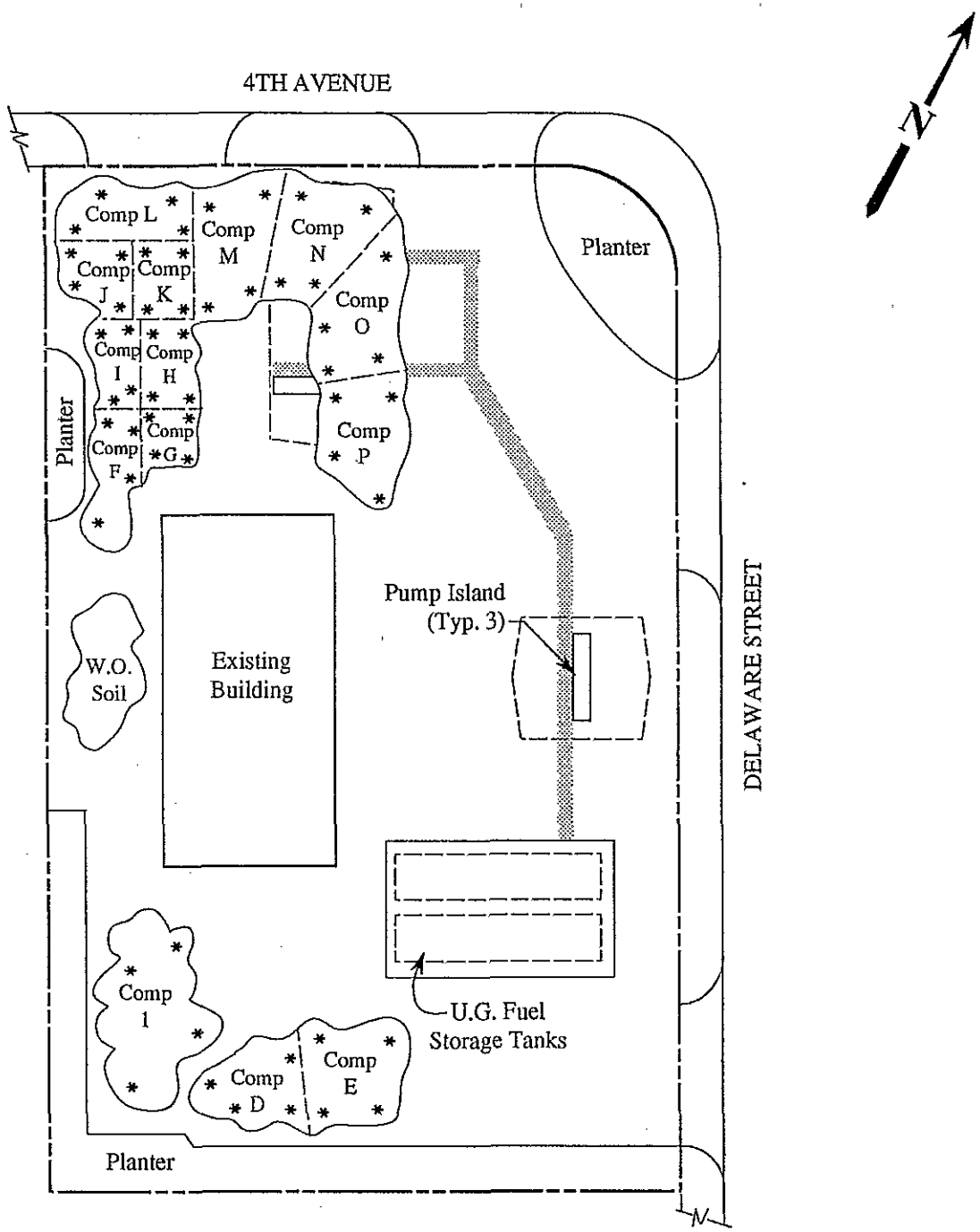
Approx. scale feet

SITE PLAN

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
1



LEGEND

* Sample point location

0 30 60

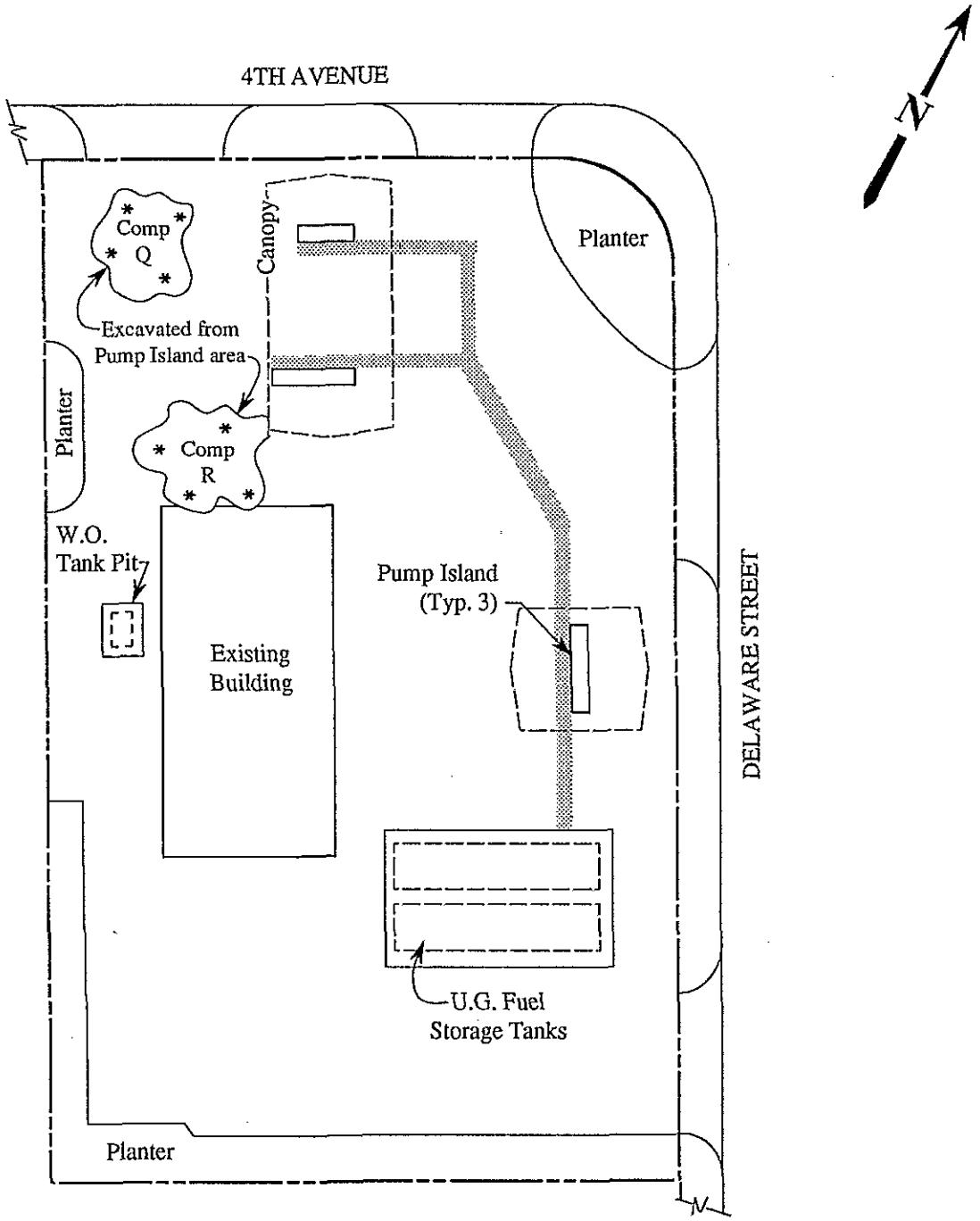
Approx. scale feet

SITE PLAN

KAPREALIAN ENGINEERING INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
2



LEGEND

* Sample point location

0 30 60

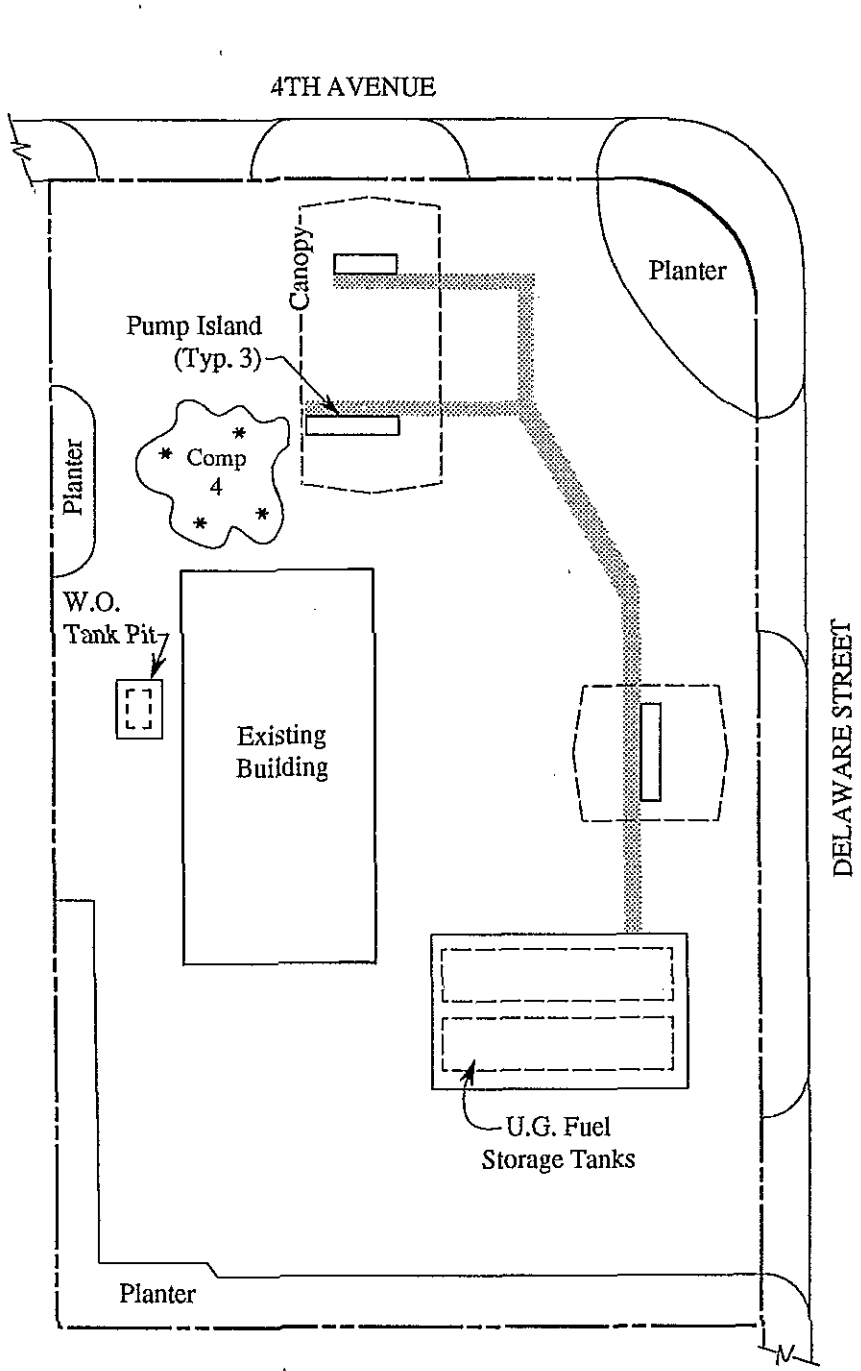
Approx. scale feet

SITE PLAN

KAPREALIAN ENGINEERING INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
3



LEGEND

* Sample point location

0 30 60

Approx. scale feet

SITE PLAN

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
4

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 5, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 5, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 7, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0185		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0185 Comp A	Sample I.D. 208-0186 Comp B	Sample I.D. 208-0187 Comp C	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	140	3.1	N.D.	
Benzene	0.005	N.D.	N.D.	N.D.	
Toluene	0.005	1.2	N.D.	N.D.	
Ethyl Benzene	0.005	2.2	N.D.	N.D.	
Total Xylenes	0.005	19	0.068	N.D.	
Chromatogram Pattern:		Gasoline	Non-Gasoline Mixture (>C12)	--	

Quality Control Data

Report Limit Multiplication Factor:	25.0	2.0	1.0	1.0
Date Analyzed:	8/6/92	8/6/92	8/6/92	8/6/92
Instrument Identification:	GCHP-7	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery, %: (QC Limits = 70-130%)	100	106	99	96

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

for Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 2080185-187
Reported: Aug 7, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	R.L.	R.L.	R.L.	R.L.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 6, 1992	Aug 6, 1992	Aug 6, 1992	Aug 6, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.22	0.21	0.21	0.63
Matrix Spike % Recovery:	110	105	105	105
Conc. Matrix Spike Dup.:	0.22	0.22	0.22	0.64
Matrix Spike Duplicate % Recovery:	110	110	110	107
Relative % Difference:	0.0	4.7	4.7	1.6

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Karen Quelion

for Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Str.

TURN AROUND TIME: ~~3 days~~ 24 hour

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH Diesel	TPH Gas (BTEX)	ANALYSES REQUESTED	REMARKS
compA	8/5/92		✓			✓	4	STOCKPILE	✓	✓	2080 / 185AD	~~TCLP~~
compB	↓		✓			✓	4	↓	✓	✓	186AD	
compC	↓		✓			✓	4	↓	✓	✓	187AD	Change to 24 hour Rush - cancel TCLP as per Corring 8-6-92

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Haig Kelly	8/5/92	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice?
2. Will samples remain refrigerated until analyzed?
3. Did any samples received for analysis have head space?
4. Were samples in appropriate containers and properly packaged?

Signature | Title | Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510 602.5100 Fax: 510 687.0602

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware Street	Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil San Mateo	Received:	Aug 25, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 26, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1007		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-1007 Comp D	Sample I.D. 208-1008 Comp E	Sample I.D. 208-1009 Comp F	Sample I.D. 208-1010 Comp G	Sample I.D. 208-1011 Comp H	Sample I.D. 208-1012 Comp I
Purgeable Hydrocarbons	1.0	1,200	1,200	360	640	250	1,400
Benzene	0.005	1.1	5.2	N.D.	0.26	N.D.	0.56
Toluene	0.005	18	65	0.31	0.66	0.16	3.3
Ethyl Benzene	0.005	20	22	0.52	N.D.	N.D.	5.6
Total Xylenes	0.005	180	150	39	72	14	310
Chromatogram Pattern:		Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	50	100	50	50	25	50
Date Analyzed:	8/25/92	8/25/92	8/25/92	8/25/92	8/25/92	8/25/92
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	93	94	92	90	98	88

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Kapreallan Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware Street	Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil San Mateo	Received:	Aug 25, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 26, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1013		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-1013 Comp J	Sample I.D. 208-1014 Comp K	Sample I.D. 208-1015 Comp L	Sample I.D. 208-1016 Comp M	Sample I.D. 208-1017 Comp N	Sample I.D. 208-1018 Comp O
Purgeable Hydrocarbons	1.0	3,300	1,500	3,200	3,300	460	2,000
Benzene	0.005	2.7	1.8	7.0	2.5	N.D.	4.9
Toluene	0.005	60	65	120	92	1.7	100
Ethyl Benzene	0.005	24	28	44	66	2.2	40
Total Xylenes	0.005	530	240	470	730	49	310
Chromatogram Pattern:		Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	250	50	500	100	100	100
Date Analyzed:	8/25/92	8/25/92	8/25/92	8/25/92	8/25/92	8/25/92
Instrument Identification:	HP-2	HP-2	HP-2	HP-2	HP-4	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	107	122	103	121	100	109

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Scott A. Chieffo
Project Manager

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware Street		Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	San Mateo	Received:	Aug 25, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020		Reported:	Aug 26, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1019			

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-1019 Comp P	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	1,800	
Benzene	0.005	3.5	
Toluene	0.005	110	
Ethyl Benzene	0.005	39	
Total Xylenes	0.005	270	
Chromatogram Pattern:		Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	100	1.0
Date Analyzed:	8/25/92	8/25/92
Instrument Identification:	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	85	101

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Scott A. Chieffo
Project Manager

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal #6390, 402 S. Delaware Street, San Mateo
QC Sample Group: 2081007-1019
Reported: Aug 26, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	A.T.	A.T.	A.T.	A.T.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 25, 1992	Aug 25, 1992	Aug 25, 1992	Aug 25, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.48	0.43	0.40	1.3
Matrix Spike % Recovery:	120	108	100	109
Conc. Matrix Spike Dup.:	0.41	0.41	0.41	1.3
Matrix Spike Duplicate % Recovery:	103	103	103	109
Relative % Difference:	16	4.8	2.5	0.0

Laboratory blank contained the following analytes: None Detected

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Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: STEVE
WITNESSING AGENCY:
SITE NAME & ADDRESS: UNOCAL S/S # 6390 SAN MATEO
402 SOUTH DELAWARE ST.

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-G	BTXE						REMARKS
Comp D	8/24/92		X			X	4	STOCKPILE	X	X	2081	005	AD			TCLP
Comp E	"		X			X	4		X	X			1008	AD		
Comp F	"		X			X	4		X	X			1009	AD		CANCEL TCLP -
Comp G	"		X			X	4		X	X			1010	AD		RUN REGULAR
Comp H	"		X			X	4		X	X			1011	AD		GAS/BTEX
Comp I	"		X			X	4		X	X			1012	AD		ON ALL SAMPLES
Comp J	"		X			X	4		X	X			1013	AD		AS PER CORRINA
Comp K	"		X			X	4		X	X			1014	AD		8-25-92
Comp L	"		X			X	4		X	X	4		1015	AD		10:00
																S.C.
																24 HOUR RUSH

ANALYSES REQUESTED

TURN AROUND TIME: ~~3 DAY~~

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
STEVE	8/24/92 8:55AM	8/25/92
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

Signature	Title	Date
	F.S.	8/25/92

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: STEVE

WITNESSING AGENCY:

SITE NAME & ADDRESS: UNOCAL S/S # 6390 SAN MATEO
402 SOUTH DELAWARE STREET

ANALYSES REQUESTED: TPH-G; BTXE; 2081; 6AD

TURN AROUND TIME: ~~3 DAYS~~

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-G	BTXE	2081	6AD	REMARKS
Comp M	8/24/92		X			X	4	STOCKPILE	X	X			TCLP
Comp N	8/24/92		X			X	4		X	X		10 17AD	CANCEL TCLP-
Comp O	8/24/92		X			X	4		X	X		10 18AD	RUN REGULAR
Comp P	8/24/92		X			X	4		X	X		10 19AD	GAS/BTEX ON ALL
													AS PER CORRINA
													8-25-92
													10:00
													S.C.
													24 HOUR RUSH

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
STEVE	8/24/92 8:55 AM	[redacted]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

S.P. (Signature) — F.S. (Title) — 8/25/92 (Date)

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SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware Street		Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	San Mateo	Received:	Aug 25, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020		Reported:	Aug 26, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1006			

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-1006 Comp 1	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	1.1	
Benzene	0.005	N.D.	
Toluene	0.005	0.036	
Ethyl Benzene	0.005	0.012	
Total Xylenes	0.005	0.087	
Chromatogram Pattern:		Gasoline and Non-Gasoline Mixture (>C9)	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Analyzed:	8/25/92	8/25/92
Instrument Identification:	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	107	105

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Scott A. Chieffo
Project Manager

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal #6390, 402 S. Delaware Street, San Mateo
QC Sample Group: 208-1006
Reported: Aug 26, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	A.T.	A.T.	A.T.	A.T.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 25, 1992	Aug 25, 1992	Aug 25, 1992	Aug 25, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.48	0.43	0.40	1.3
Matrix Spike % Recovery:	120	108	100	109
Conc. Matrix Spike Dup.:	0.41	0.41	0.41	1.3
Matrix Spike Duplicate % Recovery:	103	103	103	109
Relative % Difference:	16	4.8	2.5	0.0

Laboratory blank contained the following analytes: None Detected

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Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: STEVE

WITNESSING AGENCY:

SITE NAME & ADDRESS: UNOCAL S/S #6390 SAN MATEO
402 SOUTH DELAWARE STREET

ANALYSES REQUESTED: TPH-G; BTXE; 2081006AD

TURN AROUND TIME: 3 DAYS

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION
Comp 1	8/24/92		X			X	4	STOCKPILE

REMARKS:

TCLP

CANCEL TCLP -
RUN REGULAR
GAS/BTEX
AS PER CORRINA
9-25-92
10:00
S.C.

24 HOUR RUSH

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
STEVE	8/24/92	8/25/92 8:55AM
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

SF (Signature) — F.S. (Title) — 8/25/92 (Date)

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Kaprealian Engineering, Inc.	Client Project ID: Unocal #6390, San Mateo	Sampled: Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Descript: Soil, Comp J	Received: Sep 4, 1992
Concord, CA 94520	Analysis Method: See below	
Attention: Mardo Kaprealian, P.E.	Lab Number: 2081013	Reported: Sep 15, 1992

STATIC ACUTE HAZARDOUS WASTE BIOASSAY

Static [X]
Cont. Flow [ ]

Screening [ ]
Definitive [X]

Species: Pimephales promelas
Common Name: Fathead minnow
Mean length: 38 mm
Mean weight: 0.50 g
Supplier: Sticklebacks Unlimited
Acclimation Temp.: 20 degrees C

Organisms/Tank: 10
Replicates: 2
Organisms/Conc.: 20
Tank Depth: 13 cm
Tank Volume: 10 L

Dilution Water: Synthetic Softwater

	Alkalinity, mg/L		Hardness, mg/L	
	Initial	Final	Initial	Final
Control	33	31	40	58
100 ppm	34	33	41	64
320 ppm	32	34	43	53
1000 ppm	30	31	46	41

	Initial	24 Hr	48 Hr	72 Hr	96 Hr
DATE	9/9/92	9/10/92	9/11/92	9/12/92	9/13/92

	DO mg/L	C Temp	pH Units	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	Total Dead
Control	9.1	17	7.5	7.4	17	7.2	0	7.2	17	7.1	0	7.0	18	7.0	0	6.8	19	7.1	0	0
100 ppm	8.9	17	7.5	7.5	17	7.3	0	7.2	17	7.2	0	6.9	17	7.1	0	6.7	17	7.2	0	0
180 ppm	9.0	17	7.6	7.6	16	7.3	0	7.2	17	7.2	0	7.0	17	7.2	0	6.5	16	7.2	0	0
320 ppm	9.1	17	7.5	8.2	16	7.3	0	7.5	17	7.1	0	7.2	17	7.1	0	6.9	16	7.2	0	0
560 ppm	9.1	17	7.5	7.9	17	7.3	0	7.1	17	7.1	1	6.7	17	7.1	2	6.4	17	7.1	3	3
1000 ppm	9.0	17	7.5	7.6	17	7.3	0	7.1	17	7.0	1	6.8	17	7.0	1	6.7	17	7.1	1	1

LC-50: >1000 ppm

LC-50 Calculation Method: Moving average angle

Remarks:

Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, September 1987, California Department of Fish and Game WPCL.

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Kapreallan Engineering, Inc.	Client Project ID: Unocal #6390, San Mateo	Sampled: Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Descript: Soil, Comp J	Received: Sep 4, 1992
Concord, CA 94520	Analysis Method: See below	
Attention: Mardo Kapreallan, P.E.	Lab Number: 2081013 (duplicate)	Reported: Sep 15, 1992

STATIC ACUTE HAZARDOUS WASTE BIOASSAY

Static [X]
Cont. Flow [ ]

Screening [ ]
Definitive [X]

Species: Pimephales promelas
Common Name: Fathead minnow
Mean length: 38 mm
Mean weight: 0.50 g
Supplier: Sticklebacks Unlimited
Acclimation Temp.: 20 degrees C

Organisms/Tank: 10
Replicates: 2
Organisms/Conc.: 20
Tank Depth: 13 cm
Tank Volume: 10 L

Dilution Water: Synthetic Softwater

	Alkalinity, mg/L		Hardness, mg/L	
	Initial	Final	Initial	Final
Control	33	31	40	58
100 ppm	33	33	40	62
320 ppm	32	36	49	54
1000 ppm	31	29	48	52

	Initial			24 Hr			48 Hr			72 Hr			96 Hr				
DATE	9/9/92			9/10/92			9/11/92			9/12/92			9/13/92				
	DO mg/L	C Temp	pH Units	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	DO mg/L	C Temp	pH Units	# M Dead	Total Dead
Control	9.1	17	7.5	7.4	17	7.2	0	7.2	17	7.1	0	7.0	18	7.0	0	6.8	19	7.1	0	0
100 ppm	9.0	17	7.5	7.4	17	7.3	0	7.2	17	7.2	0	7.0	17	7.1	0	6.5	17	7.2	0	0
180 ppm	9.0	17	7.5	7.9	17	7.3	0	7.5	17	7.2	0	7.1	17	7.2	0	6.6	16	7.2	0	0
320 ppm	9.1	17	8.2	7.7	16	7.4	0	7.3	17	7.2	0	7.2	17	7.1	0	6.7	17	7.2	0	0
560 ppm	9.1	17	7.4	7.8	17	7.2	0	7.3	17	7.0	0	6.8	17	7.0	0	6.2	17	7.1	0	0
1000 ppm	9.0	17	7.4	7.5	17	7.2	0	7.1	17	7.0	0	6.7	17	7.0	0	6.3	17	7.1	0	0

LC-50: >1000 ppm

LC-50 Calculation Method: Moving average angle

Remarks:

Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, September 1987, California Department of Fish and Game WPCL.

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Scott A. Chieffo
Project Manager

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(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware St.		Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil	San Mateo	Relogged:	Sep 4, 1992
Concord, CA 94520	Analysis for:	Ignitability			
Attention: Mardo Kaprealian, P.E.	First Sample #:	@2081013		Analyzed:	Sep 9, 1992
				Reported:	Sep 14, 1992

LABORATORY ANALYSIS FOR: Ignitability

Sample Number	Sample Description	Detection Limit	Sample Result
@2081013	Comp J	N/A	55°C

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Scott A. Chieffo
Project Manager

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(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware St., San Mateo	Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil	Relogged:	Sep 4, 1992
Concord, CA 94520	Analysis for:	Total Lead	Extracted:	Sep 14, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	@2081007, 1008	Analyzed:	Sep 14, 1992
			Reported:	Sep 14, 1992

LABORATORY ANALYSIS FOR: Total Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
208-1007	Comp D	0.25	6.8
208-1008	Comp E		
208-1009	Comp F	0.25	7.2
208-1010	Comp G		
208-1011	Comp H	0.25	7.1
208-1012	Comp I		
208-1013	Comp J	0.25	5.7
208-1014	Comp K		
208-1015	Comp L	0.25	4.9
208-1016	Comp M		
208-1017	Comp N	0.25	6.8
208-1018	Comp O		
208-1019	Comp P	0.25	4.4

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware St., San Mateo	Sampled:	Aug 24, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil	Relogged:	Sep 4, 1992
Concord, CA 94520	Analysis Method:	California LUFT Manual, 12/87	Extracted:	Sep 4, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1007, 1008	Analyzed:	Sep 4, 1992
			Reported:	Sep 14, 1992

ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/kg (ppm)
208-1007, 1008	Comp D	N.D.
208-1008	Comp E	
208-1009	Comp F	0.090
208-1010	Comp G	
208-1011	Comp H	N.D.
208-1012	Comp I	
208-1013	Comp J	N.D.
208-1014	Comp K	
208-1015	Comp L	N.D.
208-1016	Comp M	
208-1017	Comp N	N.D.
208-1018	Comp O	
208-1019	Comp P	N.D.

Detection Limits:	**0.050**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal #6390, 402 S. Delaware St., San Mateo
QC Sample Group: 2081007-1019
Reported: Sep 14, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Organic Lead	Lead	Flashpoint
Method:	LUFT	EPA 7421	EPA 1010
Analyst:	K.V.S.	K.V.S.	K. Follett
Reporting Units:	mg/kg	mg/kg	N/A
Date Analyzed:	Sep 4, 1992	Sep 14, 1992	Sep 9, 1992
QC Sample #:	208-1119	209-0178	209-0747
Sample Conc.:	N.D.	9.9	55°C
Spike Conc. Added:	25	50	N/A
Conc. Matrix Spike:	26	48	N/A
Matrix Spike % Recovery:	104	76	N/A
Conc. Matrix Spike Dup.:	26	52	55°C
Matrix Spike Duplicate % Recovery:	104	84	N/A
Relative % Difference:	0.0	8.0	0.0

SEQUOIA ANALYTICAL

for Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: STEVE

WITNESSING AGENCY:

SITE NAME & ADDRESS: UNOCAL S/S # 6390 SAN MATEO
402 SOUTH DELAWARE ST.

ANALYSES REQUESTED: TPH-G; BTXE; 2081005AD; 1008AD; 1009AD; 1010AD; 1011AD; 1012AD; 1013AD; 1014AD; 1015AD

TURN AROUND TIME: ~~3 DAY~~

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-G	BTXE	REMARKS
Comp D	8/24/92		X			X	4	STOCKPILE	X	X	TCLP
Comp E	"		X			X	4		X	X	
Comp F	"		X			X	4		X	X	CANCEL TCLP -
Comp G	"		X			X	4		X	X	RUN REGULAR
Comp H	"		X			X	4		X	X	GAS/BTEX
Comp I	"		X			X	4		X	X	ON ALL SAMPLES
Comp J	"		X			X	4		X	X	AS PER CORRINA
Comp K	"		X			X	4		X	X	8-25-92
Comp L	"		X			X	4		X	X	10:00
											S.C.
											24 HOUR RUSH

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
STEVE	8/24/92 8:55AM	8/25/92
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

Signature: [signature] Title: L.S. Date: 8/25/92

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: STEVE

WITNESSING AGENCY:

SITE NAME & ADDRESS: UNOCAL S/S # 6390 SAN MATEO
402 SOUTH DELAWARE STREET

ANALYSES REQUESTED

TURN AROUND TIME: ~~3 DAYS~~

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-G	BTXE						REMARKS
Comp M	8/24/92		X			X	4	STOCKPILE	X	X	2	0	8	1	6	TCLP
Comp N	8/24/92		X			X	4		X	X				1	7	CANCEL TCLP-
Comp O	8/24/92		X			X	4		X	X				1	8	RUN REGULAR
Comp P	8/24/92		X			X	4		X	X				1	9	GAS/BTEX ON ALL
																AS PER CORRINA
																8-25-92
																10:00
																S.C.
																24 HOUR RUSH

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
STEVE	8/24/92 8:55 AM	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

SP (Signature) F.S. (Title) 8/28/92 (Date)

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510 602.5100 Fax: 510 687 0602

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Oct 14, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	TCLP Extract of Soil	Received:	Oct 15, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Oct 22, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	210-0465		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/L	Sample I.D. 210-0465 Comp Q	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	4.1	
Benzene	0.010	N.D.	
Toluene	0.010	N.D.	
Ethyl Benzene	0.010	N.D.	
Total Xylenes	0.010	0.091	
Chromatogram Pattern:		Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Analyzed:	10/20/92	10/20/92
Instrument Identification:	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	106	104

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 210-0465
Reported: Oct 22, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	J.F.	J.F.	J.F.	J.F.
Reporting Units:	µg/L	µg/L	µg/L	µg/L
Date Analyzed:	Oct 20, 1992	Oct 20, 1992	Oct 20, 1992	Oct 20, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	20	20	20	60
Conc. Matrix Spike:	20	21	21	68
Matrix Spike % Recovery:	100	105	105	113
Conc. Matrix Spike Dup.:	19	20	21	64
Matrix Spike Duplicate % Recovery:	95	100	105	106
Relative % Difference:	5.1	4.8	0.0	6.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\%\ \text{Recovery:} = \frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$$

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig
WITNESSING AGENCY:
SITE NAME & ADDRESS: Unocal - San Mateo, 402 S. Delaware Str.
TURN AROUND TIME: ONE WEEK

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH	BTEX	ANALYSES REQUESTED	REMARKS
Comp Q	10/14/92		✓			✓	4	STOCKPILE	✓	✓	2100466	SAD TCLP.

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	10/15/92 2:50 PM	[signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

[signature] (Signature) F.S. (Title) 10/15/92 (Date)

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Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 Delaware St., San Mateo	Sampled:	Oct 22, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Oct 22, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Oct 23, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	210-0695		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 210-0695 Comp R	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	570	
Benzene	0.005	N.D.	
Toluene	0.005	1.0	
Ethyl Benzene	0.005	3.0	
Total Xylenes	0.005	39	
Chromatogram Pattern:		Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	20	1.0
Date Analyzed:	10/22/92	10/22/92
Instrument Identification:	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	91	103

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 Delaware St., San Mateo
QC Sample Group: 210-0695
Reported: Oct 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	J.F.	J.F.	J.F.	J.F.
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Oct 22, 1992	Oct 22, 1992	Oct 22, 1992	Oct 22, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.38	0.40	0.40	1.3
Matrix Spike % Recovery:	95	100	100	108
Conc. Matrix Spike Dup.:	0.38	0.39	4.0	1.3
Matrix Spike Duplicate % Recovery:	95	98	100	106
Relative % Difference:	0.0	2.5	0.0	2.3

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig
WITNESSING AGENCY:
SITE NAME & ADDRESS: Unocal - San Mateo, 402 Delaware Str.

ANALYSES REQUESTED: TPH (4), BTEX (1)

TURN AROUND TIME: ~~3 Days~~ 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH	BTEX						REMARKS
CompR	10/22/92		✓			✓	4	STOCKPILE	✓	✓	210069SAD					[redacted]

Relinquished by: (Signature)	Date/Time 10-22-92 3:10 PM	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice?
2. Will samples remain refrigerated until analyzed?
3. Did any samples received for analysis have head space? N/a
4. Were samples in appropriate containers and properly packaged?

ABL (Signature) SC (Title) 10-22-92 (Date)

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Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, San Mateo	Sampled:	Nov 30, 1992
2401 Stanwell Dr., Suite 400	Sample Matrix:	Soil	Received:	Nov 30, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Dec 1, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	211-4794		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 211-4794 Comp. 4
Purgeable Hydrocarbons	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Total Xylenes	0.0050	N.D.
Chromatogram Pattern:		--

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	12/1/92
Instrument Identification:	GCHP-6
Surrogate Recovery, %: (QC Limits = 70-130%)	99

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

for Maria Lee
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Kaprealian Engineering, Inc.
2401 Stanwell Dr., Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal #6390, San Mateo
QC Sample Group: 211-4794
Reported: Dec 1, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	R. Geckler	R. Geckler	R. Geckler	R. Geckler
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Dec 1, 1992	Dec 1, 1992	Dec 1, 1992	Dec 1, 1992
QC Sample #:	GBLK120192 MS/MSD	GBLK120192 MS/MSD	GBLK120192 MS/MSD	GBLK120192 MS/MSD
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60
Conc. Matrix Spike:	0.23	0.21	0.21	0.63
Matrix Spike % Recovery:	115	105	105	105
Conc. Matrix Spike Dup.:	0.22	0.21	0.20	0.60
Matrix Spike Duplicate % Recovery:	110	105	100	100
Relative % Difference:	4.4	0.0	4.9	4.9

SEQUOIA ANALYTICAL

for Maria Lee
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

KAPREALIAN ENGINEERING
INCORPORATED

COPY

CHAIN OF CUSTODY

SAMPLER: Ray

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal Service Station #6390 - San Mateo
402 South Delaware

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	ANALYSES REQUESTED: TPHg, BTEX						
Comp 4	11/30/92		x			x	4	Stockpiled soil	x			21147	94		

TURN AROUND TIME: 24 Hours

REMARKS: Please fax results.

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
RAY (NET)	11.30.92 4:50P	Jim Cobb
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N
4. Were samples in appropriate containers and properly packaged? X

JC — Signature; Analyst — Title; 11.30.92 — Date

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Concord, California 94520
Tel: 510 602.5100 Fax: 510 687.0602

KAPREALIAN ENGINEERING
INCORPORATED

KEI-P92-0801.R4
August 16, 1994

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

AUG 23 1994

RECEIVED

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. Tim Howard

RE: Preliminary Ground Water Investigation at
Unocal Service Station #6390
402 South Delaware Street
San Mateo, California

Dear Mr. Howard:

This report presents the results of Kaprealian Engineering, Inc's. (KEI) most recent soil and ground water investigation for the referenced site, in accordance with KEI's proposal (KEI-P92-0801.P2) dated April 11, 1994. The purpose of the investigation was to determine the ground water flow direction, and to begin to determine the degree and extent of soil and ground water contamination at the site. The scope of the work performed by KEI consisted of the following:

Coordination with regulatory agencies

Geologic logging of three borings for the installation of three monitoring wells

Soil sampling

Ground water monitoring, purging, and sampling

Delivery of soil and ground water samples (including Chain of Custody documentation) to a California-certified analytical laboratory for laboratory analyses

Data analysis, interpretation, and report preparation

SITE DESCRIPTION AND BACKGROUND

The subject site contains a Unocal service station facility. The site is located on flat terrain and is situated approximately one mile from the present day shoreline of San Francisco Bay. A Location Map and Site Plans are attached to this report.

KEI's initial field work was conducted on August 5, 1992, when one 12,000 gallon regular unleaded gasoline storage tank and one 12,000

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Concord, California 94520
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gallon super unleaded gasoline storage tank were removed from the site. The tanks were made of fiberglass, and no apparent holes or cracks were observed in the regular unleaded gasoline tank. However, the super unleaded gasoline tank had a nine-inch long crack located near the east end of the tank. Tank removal and soil sampling were performed in the presence of Ms. Sabrina Mih of the San Mateo County Department of Health Services (SMCDHS). Mr. Jorge Gomar of the SMCDHS was also present during tank removal.

Two soil samples, labeled A1 and B1, were collected from beneath the west ends of the fuel tanks at depths of about 15 feet below grade. Two soil samples, labeled A2(22) and B2(18), were collected from beneath the east ends of the fuel tanks at depths of approximately 22 feet and 18 feet below grade, respectively. Due to obvious soil contamination observed beneath the east ends of the fuel tanks and per the request of Ms. Mih, two soil samples, labeled SW1 and SW2, were collected from the south and east sidewalls of the fuel tank pit at depths of approximately 15 feet below grade. The undisturbed soil samples were collected from bulk material excavated by backhoe. Sample point locations are as shown on the attached Figure 3.

KEI returned to the site on August 11, 1992, when one 550 gallon waste oil storage tank was removed from the site. The tank was made of steel, and two holes of 3/16 inch in diameter were observed in the tank. Mr. Gomar was present during tank removal. One soil sample, labeled WO1, was collected from beneath the waste oil tank at a depth of about 8 feet below grade. In addition, six soil samples, labeled P1 through P6, were collected from beneath the product piping trenches at depths of approximately 3 feet below grade. The samples were collected and handled as previously described. Sample point locations are as shown on the attached Figure 3. Soil sampling was again performed in the presence of Ms. Mih.

On August 21, 1992, the east side of the fuel tank pit was additionally excavated to a depth of approximately 22 feet below grade (over an area of about 30 feet by 27 feet). Ground water was observed at a depth of about 21 feet below grade. In an attempt to define the extent of existing soil contamination in the vicinity of the sidewalls, three additional soil samples, labeled SW1(2.5), SW2(2.5), and SW3, were collected from the sidewalls of the additionally excavated fuel tank pit at depths of approximately 16 feet below grade. The samples were also collected from bulk material excavated by backhoe. Ms. Mih was again present during excavation and soil sampling activities. Sample point locations are shown on the attached Figure 3. Excavated soil was stockpiled on-site and sampled prior to disposal. After the soil sampling was

completed, approximately 1,000 gallons of contaminated ground water (with floating product and heavy sheen) were pumped from the fuel tank pit.

On August 25, 1992, an additional 4,800 gallons of ground water were pumped from the fuel tank pit. One water sample, labeled W1, was then collected from the fuel tank pit in four clean glass VOA vials and one-liter amber bottles.

KEI returned to the site on October 22, 1992, in order to collect soil samples from beneath the former product dispensers prior to the new piping installation. Three soil samples, labeled D1, D2, and D3, were collected at depths of about 7 feet below grade. These samples were also collected as previously described. Sample point locations are shown on the attached Figure 3.

The subsurface soils exposed in the excavations consisted primarily of clayey silt to the maximum depth explored (approximately 22 feet below grade). However, the subsurface soils exposed in the waste oil tank pit excavation consisted primarily of silt with some gravel. Ground water was encountered in the fuel tank pit at a depth of about 21 feet below grade.

All samples were analyzed by Sequoia Analytical Laboratory in Concord, California. Samples from the fuel tank pit were analyzed for total petroleum hydrocarbons (TPH) as gasoline by EPA method 5030/modified 8015, and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8020. The sample from the waste oil tank pit was analyzed for TPH as gasoline, TPH as diesel by EPA method 3550/modified 8015, BTEX, total oil and grease (TOG) by Standard Methods 5520E&F, EPA method 8010 constituents, and the metals cadmium, chromium, lead, nickel, and zinc. The sidewall soil sample SW3 and the water sample W1 (collected from the fuel tank pit) were analyzed for TPH as gasoline, TPH as diesel, and BTEX. The water sample was also analyzed for organic lead by the California LUFT Manual procedure. The results of the soil analyses are summarized in Tables 5 and 6. The results of the water analyses are summarized in Table 7.

Based upon the analytical results of the soil samples collected through October 1992, it appeared that the majority of the contaminated soil has been excavated and removed in the vicinity of the pump islands, the product piping trenches, the waste oil tank pit, and the western portion of the fuel tank pit. Contaminated soil was also excavated and removed in the eastern portion of the fuel tank pit to a depth of 22 feet below grade, where ground water was encountered. Free product and a heavy sheen was detected on the ground water within the eastern portion of the tank pit. The

eastern end of the super unleaded tank was observed to contain a nine-inch long crack during the removal of this tank.

Therefore, based on the analytical results of the soil and ground water samples collected through October 1992, and in accordance with the guidelines established by the Regional Water Quality Control Board (RWQCB), KEI concluded that further work was warranted at the site because of the levels of contamination found in the soil and water samples collected from the eastern portion of the fuel tank pit. To comply with the requirements of the RWQCB and the SMCDHS, KEI recommended the installation of three monitoring wells at the site in order to begin to define the extent of the soil and ground water contamination, and to determine the ground water flow direction.

RECENT FIELD ACTIVITIES

On May 24 and 25, 1994, three two-inch diameter monitoring wells (designated as MW1 through MW3 on the attached Figure 1) were installed at the site. The wells were each drilled, constructed, and completed in accordance with the guidelines of the RWQCB and the California Well Standards (per Bulletin 74-90). The subsurface materials penetrated and details of the construction of the wells are described in the attached Boring Logs and Well Construction Diagrams, respectively.

The three wells (MW1 through MW3) were each drilled and completed to total depths ranging from 28 to 30 feet below grade. Ground water was encountered at depths ranging from 17.5 to 20 feet below grade during drilling. Soil samples were collected for laboratory analysis and for lithologic logging purposes at a maximum spacing of 5 foot intervals, at significant changes in lithology, at obvious areas of contamination, and at or within the soil/ground water interface, beginning at a depth of approximately 5 feet below grade and continuing until ground water was encountered. A representative soil sample of the saturated zone was collected from the boring for well MW1 at a depth of 22.5 feet below grade and submitted for particle size analysis (sieve and hydrometer) for verification of filter pack and well screen design. Other soil sampling conducted below the water table was for lithologic logging purposes only. The undisturbed soil samples were collected by driving a California-modified split-spoon sampler (lined with brass liners) ahead of the drilling augers. The two-inch diameter brass liners holding the samples were then sealed with aluminum foil, plastic caps and tape, labeled, and stored in a cooler, on ice, until delivery to a state-certified laboratory.

Each well casing was installed with a watertight cap and padlock. A round, watertight, flush-mounted well cover was cemented in place over each well casing. The surface of each well cover and the top of each well casing was surveyed by Kier & Wright of Pleasanton, California, to Mean Sea Level (MSL) and to a vertical accuracy of 0.01 foot.

The new wells (MW1 through MW3) were developed on June 9 and 10, 1994. Prior to development, the wells were checked for the depth to the water table (by the use of an electronic sounder) and the presence of free product (by the use of an interface probe or paste tape). No free product was noted in any of the wells. After recording the monitoring data, the three wells were each purged (by the use of a surface pump) of 105 to 115 gallons of water until the evacuated water was clear and free of visible suspended sediment. Monitoring and well development data are summarized in Table 1.

The three wells (MW1 through MW3) were sampled on June 15, 1994. During monitoring, the wells were checked for depth to water and the presence of free product or sheen. No free product or sheen was noted in any of the wells. After recording the monitoring data, the wells were each purged of between 8 and 12 gallons of water by the use of a surface pump. During purging operations, the field parameters pH, temperature, and electrical conductivity were recorded and are presented in Table 2. Once the field parameters were observed to stabilize and a minimum of approximately four casing volumes had been removed from each well, water samples were then collected by the use of a clean Teflon bailer. The samples were decanted into clean VOA vials that were then sealed with Teflon-lined screw caps, labeled, and stored in a cooler, on ice, until delivery to a state-certified laboratory.

ANALYTICAL RESULTS

Water and selected soil samples from the borings of MW1 through MW3 were analyzed at Sequoia Analytical Laboratory. All samples analyzed were accompanied by properly executed Chain of Custody documentation. The samples were analyzed for TPH as gasoline by EPA method 5030/modified 8015, and BTEX by EPA method 8020.

The concentrations of TPH as gasoline and benzene detected in the ground water samples collected on June 15, 1994, are shown on the attached Figure 2. The results of the soil analyses are summarized in Table 4, and the results of the water analyses are summarized in Table 3. Copies of the laboratory analyses and the Chain of Custody documentation are attached to this report.

HYDROLOGY AND GEOLOGY

On June 15, 1994, the measured depth to ground water in the monitoring wells ranged from 15.33 to 16.71 feet below grade. The ground water flow direction appeared to be to the east, as shown on the attached Figure 1. The hydraulic gradient at the site on June 15, 1994, was approximately 0.004, based on water level data collected from the monitoring wells prior to purging.

Based on review of regional geologic maps (U.S. Geological Survey Professional Paper 943, "Flatland Deposits of the San Francisco Bay Region, California, Their Geology and Engineering Properties, and Their Importance to Comprehensive Planning," by E.J. Helley and K.R. Lajoie, et. al., 1979), the subject site is underlain directly by Holocene medium-grained alluvium (Qham), which is described as typically consisting of unconsolidated, well bedded, moderately sorted, moderately permeable fine sand, silt, and clayey silt with occasional thin beds of coarse sand. The thickness of these deposits generally does not exceed 12 feet. The site is also located closely adjacent to mapped geologic contacts of Holocene coarse-grained alluvium (Qhac), and late Pleistocene alluvium (Qpa). The older Qhac sequence is described as consisting of well bedded, unconsolidated, moderately sorted, permeable sand and silt, locally interbedded with coarse sand and gravel. The maximum thickness of this alluvial sequence is estimated at 50 feet. The Qpa deposits are the oldest of the sediments noted here and consist of weakly consolidated, slightly weathered, poorly sorted and irregularly interbedded clay, silt, sand, and gravel. The maximum thickness of the Qpa alluvial sequence is unknown, but is estimated to be at least 150 feet.

Based on the results of our subsurface studies, the site is underlain by fill materials to a depth of about 2 feet below grade. The fill is in turn underlain by alluvium to the maximum depth explored (30 feet below grade). The alluvium underlying the site consists predominantly of silty or clayey gravel and sandy or clayey silt. Lesser amounts of silty sand and silty clay are also present.

As of June 1994, the unsaturated zone beneath the site is approximately 16 feet thick and consists of silty or clayey gravel and sandy or clayey silt. The unsaturated zone consists predominantly of clayey, sandy or gravelly silt, and silty or sandy gravel. Lesser amounts of silty sand and clay have also been encountered. The units immediately above and below the water table are composed of silty sand in wells MW2 and MW3, and clay in well MW1.

The results of the particle size analysis (sieve and hydrometer) of the soil sample collected from the boring for monitoring well MW1 at a depth of 22.5 feet below grade indicate that the sample is composed of approximately 49% sand, 31% gravel, 11% clay, and 9% silt. However, the lab reported that the sample subjected to particle size analysis contained organic material that did not pass the No. 4 sieve, and therefore the resulting determination of percent gravel may be artificially elevated. The sample is classified as a silty sand with gravel (SM). The results of the particle size analysis are shown on the attached Particle Size Distribution sheets and Graph of Acquired Data.

DISCUSSION AND RECOMMENDATIONS

Based upon the analytical results of the soil and ground water samples collected and evaluated to date, the area of hydrocarbon-impacted soil and ground water at the site appears to be limited to the vicinity of the underground fuel storage tanks. In addition, based upon the analytical results of the soil and ground water samples collected from recently-installed wells MW2 and MW3, the extent of hydrocarbon contamination in the vicinity of the underground fuel storage tanks has not been delineated. However, before making recommendations pertaining to additional exploratory borings/monitoring wells or evaluation of potential remedial options, KEI recommends the implementation of a three month ground water monitoring and sampling program. The purpose of this three month program will be to attempt to establish consistent ground water flow directions and contaminant concentration levels at the site. Therefore, the existing wells will be monitored monthly and sampled at the end of the three month period. At that time, KEI will provide additional recommendations for further contaminant delineation and/or an evaluation of potential remedial activities at the site.

DISTRIBUTION

Copies of this report should be sent to the SMCDHS, and to the RWQCB, San Francisco Bay Region.

LIMITATIONS

Soil deposits and rock formations may vary in thickness, lithology, saturation, strength and other properties across any site. In addition, environmental changes, either naturally-occurring or artificially-induced, may cause changes in the extent and concentration of any contaminants. Our studies assume that the field and laboratory data are reasonably representative of the site as a whole, and assume that subsurface conditions are reasonably conducive to interpolation and extrapolation.

The results of this study are based on the data obtained from the field and laboratory analyses obtained from a state-certified laboratory. We have analyzed this data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either expressed or implied, regarding the above, including laboratory analyses, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

Should you have any questions regarding this report, please do not hesitate to call at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Haig (Gary) Tejirian
Project Geologist



Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. EG 1633
Exp. Date 8/31/96

Timothy R. Ross
General Manager

\jad

Attachments: Tables 1 through 7
Location Map
Figures 1, 2 & 3
Boring Logs
Well Construction Diagrams
Particle Size Distribution Sheets and Graph of Acquired Data
Laboratory Analyses
Chain of Custody documentation

KEI-P92-0801.R4
August 16, 1994

TABLE 1

SUMMARY OF GROUND WATER MONITORING AND PURGING DATA

Well #	Ground Water Elevation (feet)	Depth to Water (feet)*	Product Thickness (feet)	Sheen	Water Purged (gallons)	Well Depth (feet)*
(Monitored and Sampled on June 15, 1994)						
MW1	-0.55	15.42	0	No	10	27.65
MW2	-0.83	15.33	0	No	12	29.97
MW3	-0.64	16.71	0	No	8	27.65
(Monitored and Developed on June 9 and 10, 1994)						
MW1	-0.26	15.13	0	--	115	27.65
MW2	-0.56	15.06	0	--	105	29.96
MW3	-0.35	16.42	0	--	110	27.66

Well #	Top of Well Casing Elevation** (feet)
MW1	14.87
MW2	14.50
MW3	16.07

* The depth to water and well depth measurements were taken from the top of the well casings.

** The elevations of the tops of the well casings have been surveyed relative to MSL, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 MSL).

-- Sheen determination was not performed.

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August 16, 1994

TABLE 2

RECORD OF THE TEMPERATURE, CONDUCTIVITY, AND pH VALUES
IN THE MONITORING WELLS DURING PURGING AND PRIOR TO SAMPLING

(Measured on June 15, 1994)

Well #	Gallons per Casing Volume	Time	Gallons Purged	Casing Volumes Purged	Temperature (°F)	Conductivity ([µmhos/cm]x100)	pH
MW1	2.08	13:35	2	0.96	71.6	5.86	8.19
		13:37	4	1.92	75.1	4.91	8.02
		13:39	6	2.88	72.0	4.76	7.91
		13:41	8	3.85	71.9	4.72	7.89
		13:43	10	4.81	71.8	4.75	7.90
MW2	2.49	14:05	2	0.80	73.3	5.65	8.44
		14:07	4	1.61	72.8	5.37	8.04
		14:09	6	2.41	71.2	5.36	7.99
		14:11	8	3.21	70.9	5.35	8.00
		14:13	10	4.02	70.9	5.35	7.99
		14:15	12	4.82	70.8	5.36	7.99
MW3	1.86	14:30	2	1.08	75.0	8.02	7.99
		14:32	4	2.15	72.3	5.97	7.89
		14:34	6	3.23	72.1	5.96	7.90
		14:36	8	4.30	72.1	5.96	7.90

↑ pretty warm water

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TABLE 3

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample Number	TPH as Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
6/15/94	MW1	ND	ND	ND	ND	ND
	MW2	89,000	11,000	37,000	3,000	20,000
	MW3	2,400	170	270	32	290

ND = Non-detectable.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

TABLE 4

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample Number	TPH as Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
5/24/94 & 5/25/94	MW1(5)	ND	ND	ND	ND	ND
	MW1(10)	ND	ND	ND	ND	ND
	MW1(15)	ND	ND	ND	ND	ND
	MW1(19.5)	ND	ND	ND	ND	ND
	MW2(5)	ND	ND	ND	ND	ND
	MW2(10)	ND	0.012	0.030	0.012	0.21
	MW2(12)	600	0.89	20	14	86
	MW2(15)	2,300	26	240	58	350
	MW2(17)	2,600	14	230	62	410
	MW3(5)	ND	ND	0.015	ND	0.021
	MW3(10)	1.2	0.012	0.043	0.014	0.16
	MW3(15)	4.0	0.40	0.12	0.050	0.58
	MW3(17)	810	6.3	76	21	130

NOTE: The soil samples were collected at the depths below grade indicated in the ( ) of the respective sample number.

ND = Non-detectable.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

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TABLE 5

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample	Depth (feet)	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
8/05/92	A1	15	33	0.63	2.4	0.65	4.5
	B1	15	20	0.58	2.3	0.40	2.7
	A2(22)	22	480	6.7	41	9.2	61
	B2(18)	18	5,000	47	470	120	790
	SW1	15	980	11	90	23	160
	SW2	15	1,100	14	130	34	200
8/11/92	P1	3	ND	ND	ND	ND	ND
	P2	3	ND	ND	ND	ND	ND
	P3	3	ND	ND	ND	ND	ND
	P4	3	ND	ND	ND	ND	ND
	P5	3	ND	ND	ND	ND	ND
	P6	3	ND	ND	ND	ND	ND
	WO1	8	ND	ND	ND	ND	ND
8/21/92	SW1(2.5)	16	5.6	0.0097	0.049	0.024	0.23
	SW2(2.5)	16	ND	ND	ND	ND	ND
	SW3*	16	16	0.017	0.081	0.051	0.39
10/22/92	D1	7	ND	ND	ND	ND	ND
	D2	7	ND	ND	ND	ND	ND
	D3	7	ND	ND	ND	ND	ND

* TPH as diesel was detected at a concentration of 5.9 mg/kg.

ND = Non-detectable.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

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August 16, 1994

TABLE 6

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample	Depth (feet)	TPH as Diesel	Cadmium	Chromium	Lead	Nickel	Zinc	TOG
8/11/92	WO1*	8	ND	1.1	67	6.0	73	44	ND

* All EPA method 8010 constituents were non-detectable, except for tetrachloroethene, which was detected at a concentration of 6.4 ppb.

ND = Non-detectable.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

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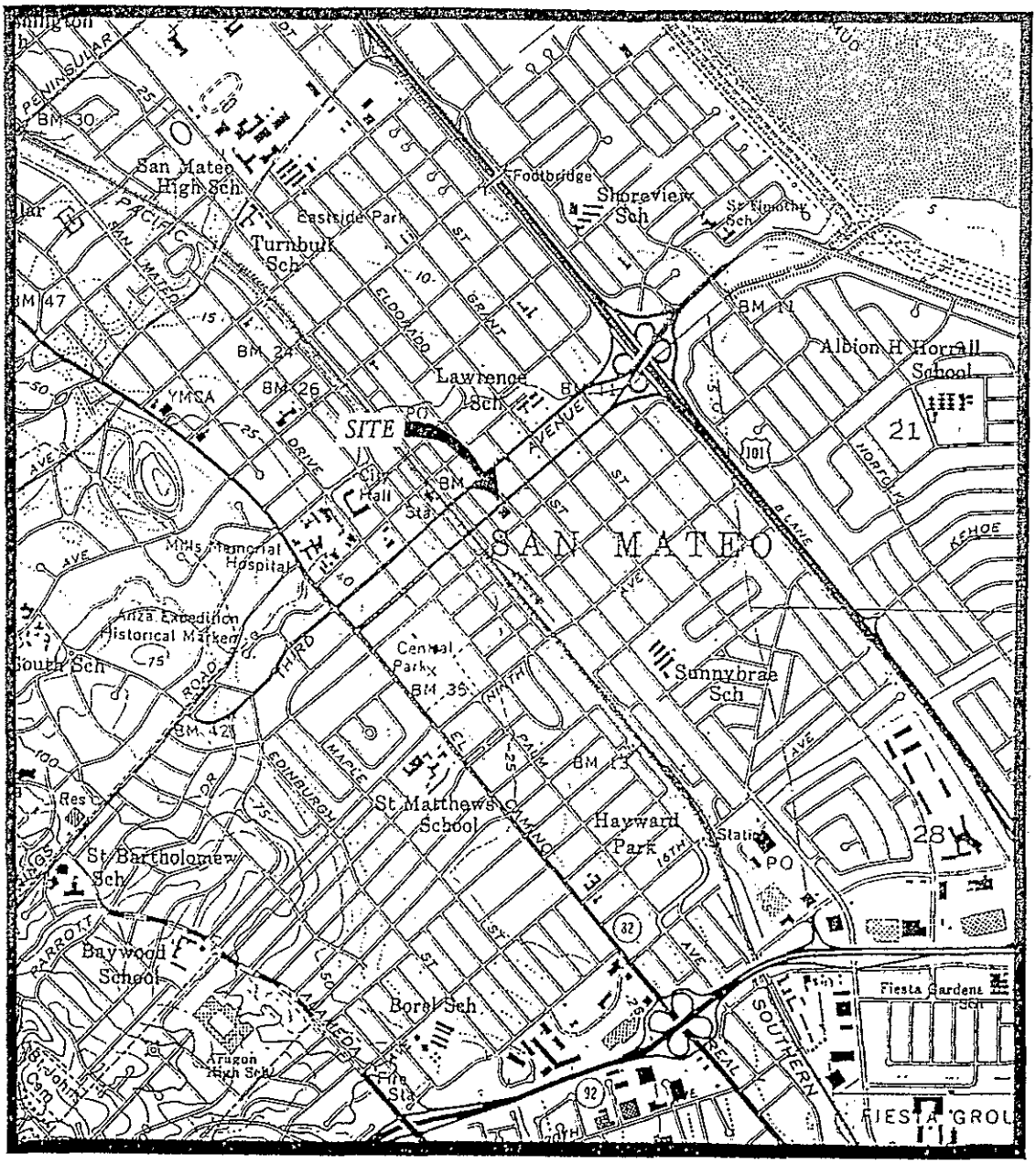
TABLE 7

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample	TPH as Diesel	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
8/25/92	W1*	28,000	50,000	1,200	6,700	10,000	1,400

* Organic lead was non-detectable.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

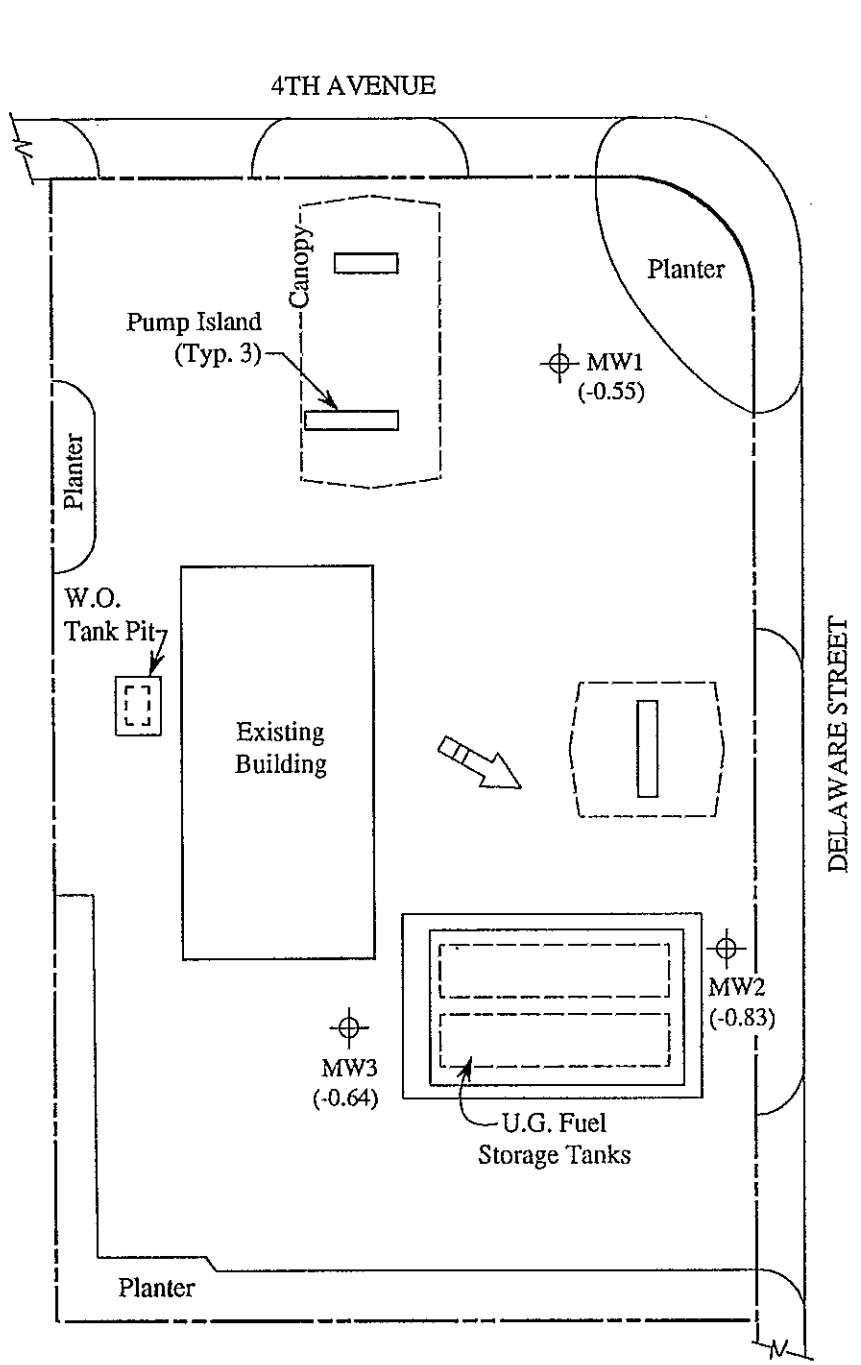


Base modified from 7.5 minute U.S.G.S. San Mateo Quadrangle
(photorevised 1980)

0 2000 4000

Approx. scale feet

KAPREALIAN ENGINEERING INCORPORATED	UNOCAL SERVICE STATION #6390 402 SOUTH DELAWARE STREET SAN MATEO, CA	LOCATION MAP



LEGEND

- Monitoring well
- ( ) Ground water elevation in feet relative to Mean Sea Level
- Direction of ground water flow

0 30 60

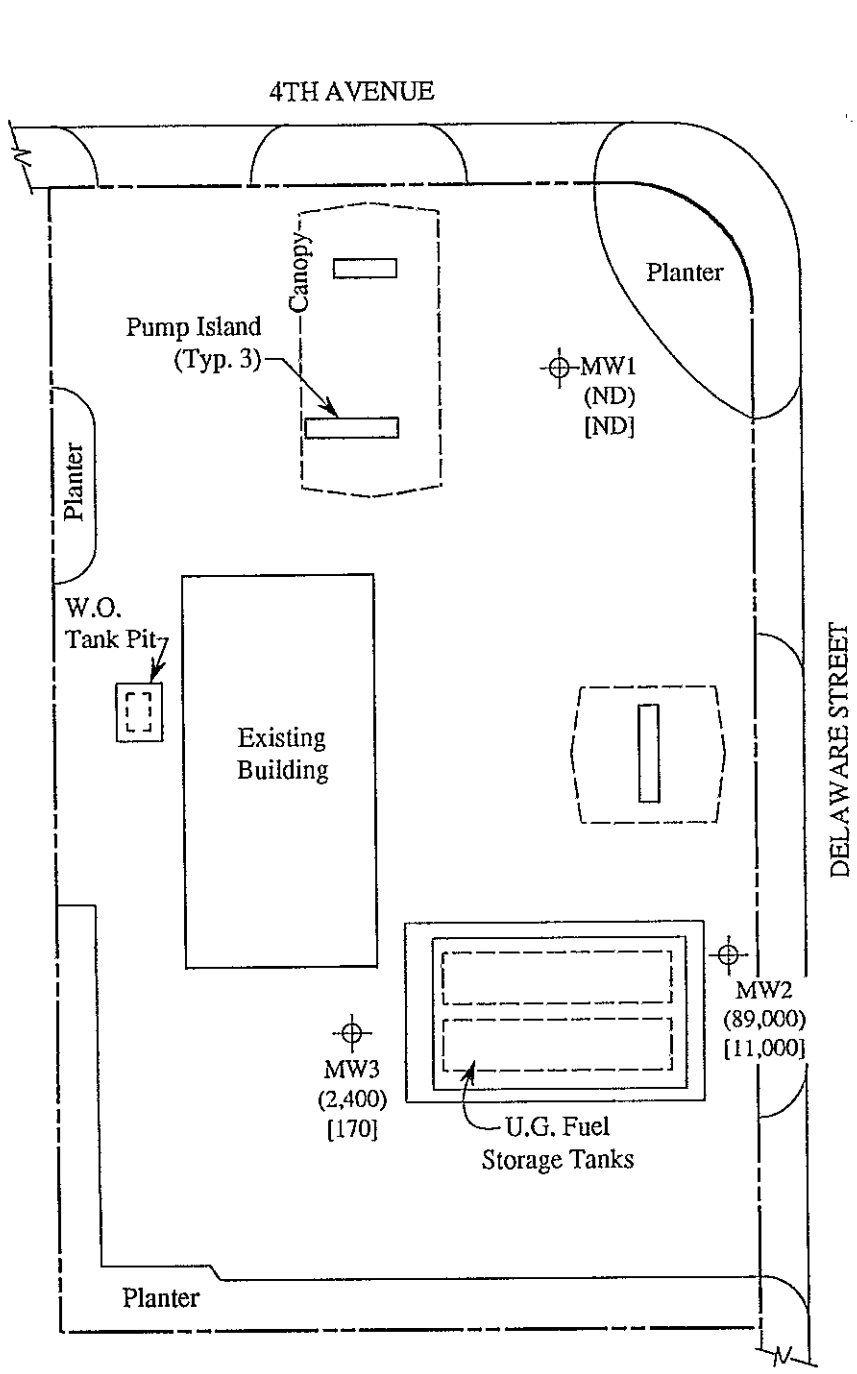
Approx. scale feet

GROUND WATER FLOW DIRECTION MAP FOR THE JUNE 15, 1994 MONITORING EVENT

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
1



LEGEND

- Monitoring well
- ( ) Concentrations of TPH as gasoline in µg/L
- [ ] Concentrations of benzene in µg/L
- ND = Non-detectable

0 30 60

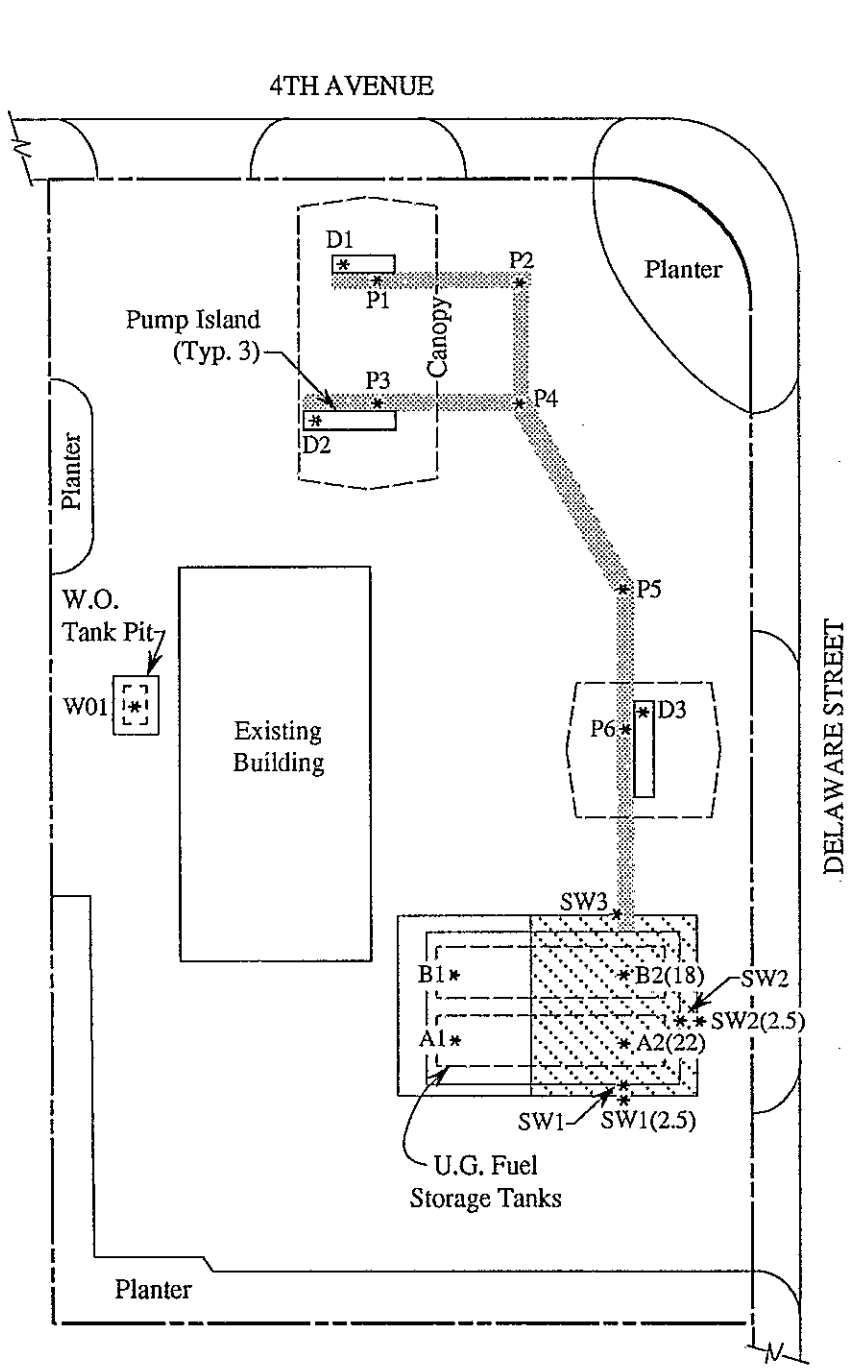
Approx. scale feet

PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON JUNE 15, 1994

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
2



LEGEND

* Soil sample point location

Area excavated to a depth of ≈ 22 feet

0 30 60

Approx. scale feet

SOIL SAMPLE POINT LOCATION MAP

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
3

KAPREALIAN ENGINEERING
INCORPORATED

MAJOR DIVISIONS	SYMBOLS	TYPICAL SOIL DESCRIPTIONS
GRAVELS (More than 1/2 of coarse fraction > No. 4 sieve size)	GW	Well graded gravels or gravel - sand mixtures, little or no fines
	GP	Poorly graded gravels or gravel - sand mixtures, little or no fines
	GM	Silty gravels, gravel - sand - silt mixtures
	GC	Clayey gravels, gravel - sand - clay mixtures
SANDS (More than 1/2 of coarse fraction < No. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
	SP	Poorly graded sands or gravelly sands, little or no fines
	SM	Silty sands, sand - silt mixtures
	SC	Clayey sands, sand - clay mixtures
SILTS & CLAYS LL < 50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
SILTS & CLAYS LL > 50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS	Pt	Peat and other highly organic soils

CLASSIFICATION CHART (Unified Soil Classification System)

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG D.L. CE61633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/25/94
Boring No. MW1	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		A.C. Pavement over sand and gravel base.
			ML	Sandy silt, sand is very fine to fine-grained, hard, friable, moist, dark brown to dark reddish brown.
21/19/25		5	GM	Silty gravel with sand, trace clay, estimated at 15% silt, angular to rounded gravel to 1 inch in diameter, dense, slightly moist, dark brown and dark reddish brown, some gravel is weathered and decomposed.
12/15/23		10	GC	Clayey gravel with sand, trace silt, estimated at 15% clay, gravel to 1 inch in diameter, medium dense to dense, moist, dark yellowish brown.
9/11/14		15	CL	Silty clay, estimated at 10-15% sand and gravel to 5/8 inch in diameter, very stiff, moist, olive brown and dark yellowish brown, mottled, sand and gravel content decreasing with depth.
8/11/16				Silty clay, as above, trace sand.
			ML	Sandy silt, estimated at 5-15% clay, sand is fine to medium-grained, very stiff, moist to very moist, olive brown.
7/10/14	▽	20	GM	Silty gravel with sand, estimated at 15% silt, medium dense to dense, very moist to wet, olive brown grading to dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG CEG EC/633 D.L.
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/25/94
Boring No. MW1	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
13/16/19		25	SM	Silty sand with gravel, estimated at up to 30% gravel and variable clay content up to 10%, dense, moist to wet, dark yellowish brown.
			ML	Clayey silt, estimated at 10-15% sand, very stiff, moist, dark yellowish brown.
10/18/20			SM	Silty sand, estimated at 15% silt, trace clay, trace gravel to 1/4 inch in diameter, dense, wet, dark yellowish brown.
		30		TOTAL DEPTH: 28'
		35		
		40		

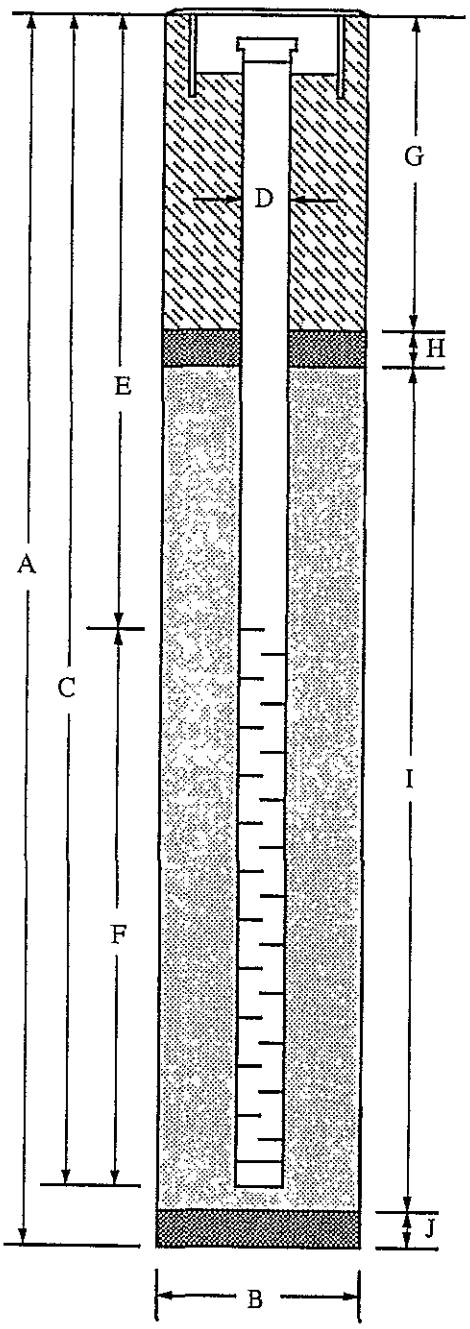
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW1

PROJECT NUMBER: KEI-P92-0801

WELL PERMIT NO.: SMCDHS/EHD #LMW-070-94

Flush-mounted Well Cover



A. Total Depth : 28'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 28'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 10'

F. Perforated Length: 18'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 6'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 20'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG D.L. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW2	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Concrete slab
				Sand and gravel base.
			ML	Sandy silt, hard, friable, dry to slightly moist, dark yellowish brown.
				Clayey silt, estimated at 5-10% gravel and sand, hard, friable, slightly moist, dark yellowish brown, with roots and root holes.
15/23/40		5	GM	Silty gravel with sand, estimated at 15-20% silt, very dense, slightly moist, dark yellowish brown.
26/19/21		10		Silty gravel with sand, trace clay, gravel to 1 inch in diameter, slightly moist to moist, dark yellowish brown.
10/14/17			ML	Sandy silt, estimated at 5-10% clay, very stiff to hard, moist, dark yellowish brown, fissured, slightly disturbed.
12/9/11		15	SM	Silty sand, estimated at 15% silt, locally with up to 20% gravel to 3/4 inch in diameter, medium dense, very moist, dark yellowish brown.
			GM	Silty gravel with sand, dense, very moist to wet, olive to olive brown.
8/22/23	▽		SW	Well graded sand, trace fines, dense, wet, dark yellowish brown.
3/3/4		20	ML	Clayey silt, firm, moist, yellowish brown, with iron oxide staining.
				Silt, estimated at 20-30% very fine to fine-grained sand, firm, wet, yellowish brown and dark yellowish brown, mottled.

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG D.L. CEC 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW2	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
4/6/7			ML	Silty sand, very fine to fine-grained, estimated at 20-30% silt, stiff, wet, dark yellowish brown, locally grades to sandy silt, with iron oxide staining.
8/11/14		25	GW	Well graded gravel with sand, estimated at up to 15% fines, angular to rounded gravel to 1 1/2 inches in diameter, medium dense to dense, saturated, dark yellowish brown.
8/14/20		30		TOTAL DEPTH: 30'
		35		
		40		

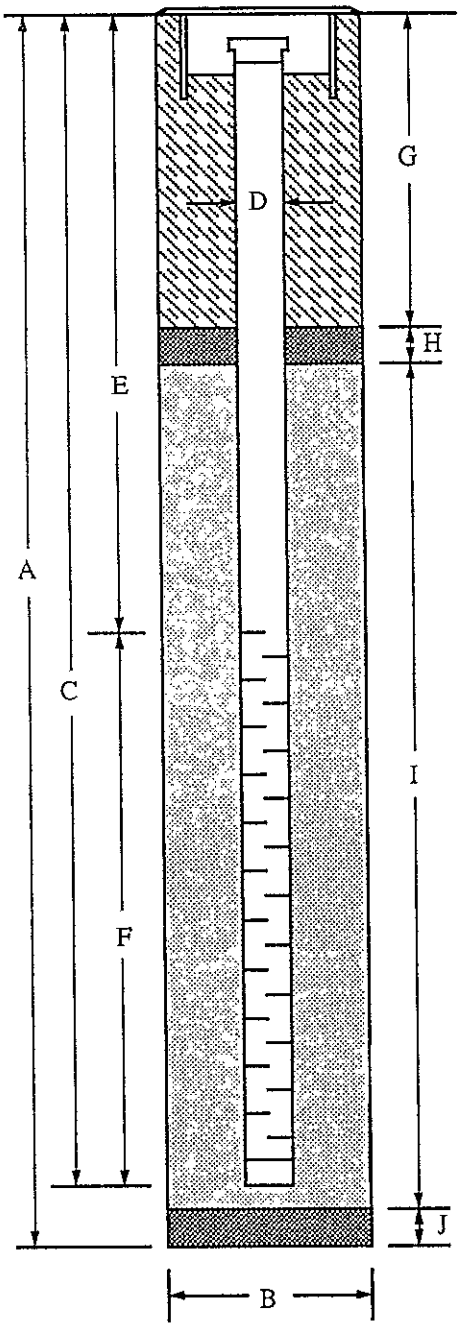
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW2

PROJECT NUMBER: KEI-P92-0801

WELL PERMIT NO.: SMCDHS/EHD #LMW-070-94

Flush-mounted Well Cover



A. Total Depth : 30'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 30'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 10'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 6'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG D.L. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW3	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		A.C. Pavement over sand and gravel base.
			ML	Silt, estimated at 15-20% very fine to fine-grained sand, trace clay, firm to stiff, moist, dark yellowish brown.
9/11/14		5		Gravelly silt, estimated at 10-15% sand, very stiff to hard, moist, dark yellowish brown, angular to rounded gravel to 1 inch in diameter.
15/17/22		10	GM	Silty gravel with sand, estimated at 15-20% silt, weathered gravel to 1-1/2 inches in diameter, dense, moist, dark yellowish brown.
			ML	Silt, estimated at 20-30% fine to coarse-grained sand, 5-10% clay, very stiff, moist, dark yellowish brown.
9/12/15		15		Silt, estimated at 20-25% clay, trace sand, very stiff, moist, dark yellowish brown.
4/7/10	▽		SM	Silty sand, estimated at 15-20% silt, and 5-20% variable gravel content, medium dense, very moist to wet, dark yellowish brown.
4/7/11			ML	Sandy silt, trace clay, stiff, moist, dark yellowish brown.
		20	SW-SM	Well graded sand with silt (10-15%), medium dense, very moist to wet, dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG D.L. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW3	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS		Description
4/5/11			ML		Gravelly silt, estimated at 15% sand, locally with trace clay, angular to rounded gravel to 1 inch in diameter, stiff, very moist, dark yellowish brown.
10/14/20		25	GM		Silty gravel with sand, estimated at 15% silt and up to 10% clay, subangular to rounded gravel to 3/4 inch in diameter, medium dense, moist, dark yellowish brown.
		30			TOTAL DEPTH: 28'
		35			
		40			

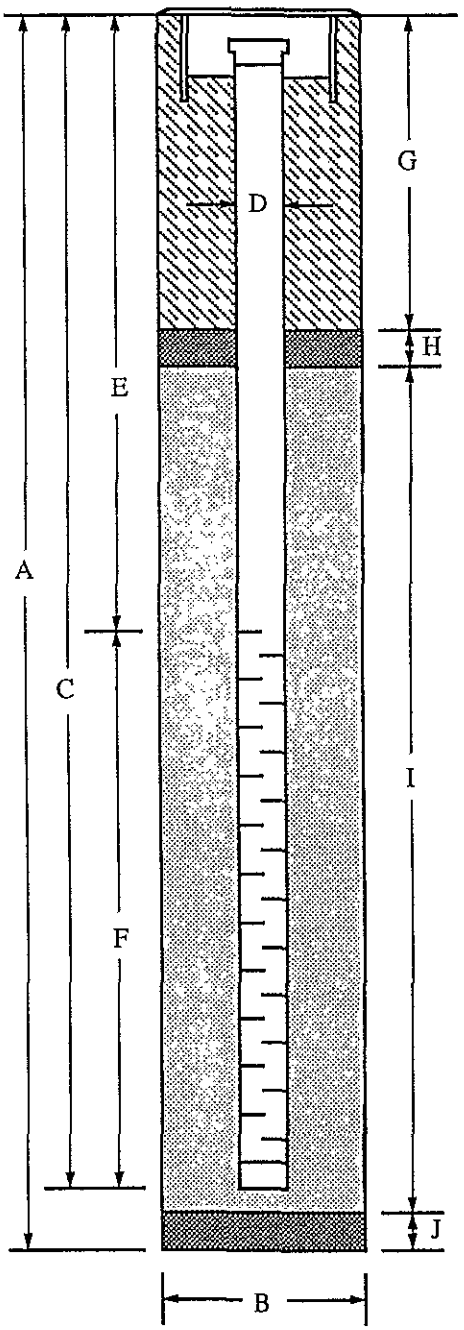
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW3

PROJECT NUMBER: KEI-P92-0801

WELL PERMIT NO.: SMCDHS/EHD #LMW-070-94

Flush-mounted Well Cover



A. Total Depth : 28'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 28'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 10'

F. Perforated Length: 18'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 6'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 20'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

Sequoia Analytical

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Particle Size Distribution by Sieve and Hydrometer

Method: **ASTM D422-63**

Client: **Kaprealian Engineering, Inc.**
Client Project ID: Unocal #6390, San Mateo
Received: 05/31/94
Analyzed: 06/03/94
Client ID: MW1 (22.5)
Sample Description: Soil
Lab ID: 4051458

SIEVE TEST

A. Total weight of sample:	369.82	g
B. Weight retained in No. 10 sieve:	212.93	g
C. % passing No. 10 sieve:	42.42	%

Sieve test for weight retained in a No. 10 sieve.

SIEVE SIZE	WEIGHT RETAINED(g)	% RETAINED	CUMULATIVE % RETAINED	CUMULATIVE % PASSING
1 1/2 in	0.00	0.00	0.00	100.00
3/8 in	28.66	7.75	7.75	92.25
No. 4	86.15	23.30	31.04	68.96
No. 10	98.12	26.53	57.58	42.42
No. 200	84.14	22.75	80.33	19.67

HYDROMETER TEST

ELAPSED TIME (min)	TEMP. (deg C)	HYDROMETER READING (H)	CORRECTED READING (R)	(L)	PARTICLE DIAM. in mm (S)	% SUSPENDED (P)
2	20	30	26	12.0	0.0334	17.3
5	20	25	21	12.9	0.0219	14.0
10	20	25	21	12.9	0.0155	14.0
15	20	24	20	13.0	0.0127	13.3
25	20	23	19	13.2	0.0099	12.7
40	20	21	17	13.5	0.0079	11.3
60	20	20	16	13.7	0.0065	10.7
90	20	20	16	13.7	0.0053	10.7
120	20	20	16	13.7	0.0046	10.7
1440	20	16	12	14.3	0.0014	8.0

Weight of soil used in hydrometer test (D):	65	g
Hydroscopic moisture correction factor (G):	0.98	
Specific gravity (Assumed):	2.65	
Dispersing agent correction factor (E):	3	
Meniscus correction factor (F):	1	
Temp./Spec. gravity dependent constant (K):	0.01365	

Formulas:

R = H - E - F
S = K[SQRT(L/T)]
P = (R/W)100
W = (J x 100)/C
J = D x G

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Method: ASTM D422-63
Analyzed: 06/03/94
Lab ID: 4051458
Client ID: MW1 (22.5)

Graphing Data:

% SUSPENDED (P)	PARTICLE DIAM. in mm (S)	Sieve Size
100.00	37.5	1 1/2 in
92.25	9.5	3/8 in
68.96	4.75	No. 4
42.42	2	No. 10
19.67	0.075	No. 200
17.3	0.0334	
14.0	0.0219	
14.0	0.0155	
13.3	0.0127	
12.7	0.0099	
11.3	0.0079	
10.7	0.0065	
10.7	0.0053	
10.7	0.0046	
8.0	0.0014	

Sample Composition:

(1) Gravel, passing 3-in. and retained on No. 4 Sieve*	31.04	%
(2) Sand, passing No. 4 and retained on No. 200 Sieve	49.28	%
(3) Silt size, 0.074 to 0.005 mm	9.02	%
(4) Clay Size, smaller than 0.005 mm	10.66	%
	100	%

*This sample contained organic material that did not pass the No. 4 Sieve. The resulting determination of sample composition as percent (%) Gravel may be biased high.

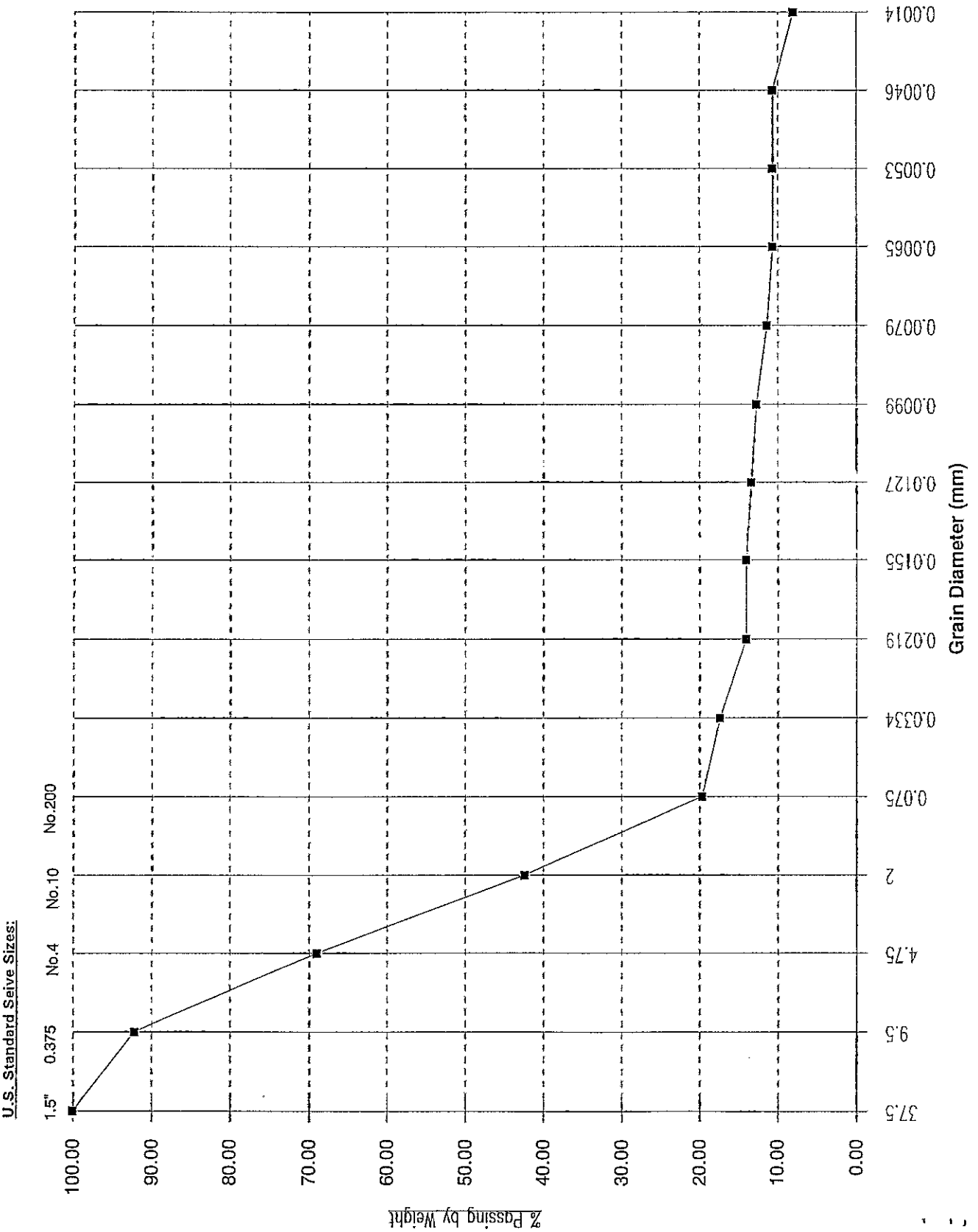
SEQUOIA ANALYTICAL, #1210

Alan B. Kemp
Project Manager

Sequoia Analytical

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Graph of Acquired Data



UNOCAL 76

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☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

Company Name: Kaprealian Engineering, Inc.	Project Name: 402 South Delaware Street, San Mateo
Address: 2401 Stanwell Drive, Suite 400	UNOCAL Project Manager: Tim Howard
City: Concord State: CA Zip Code: 94520	
Telephone: (510) 602-5100 FAX #: 687-0602	Site #: 6390
Report To: Avo Sampler: Doug Lee	QC Data: ☒ Level A (Standard) ☐ Level B ☐ Level C ☐ Level D

Turnaround Time: ☒ 10 Working Days ☐ 2 Working Days ☐ 5 Working Days ☐ 24 Hours ☐ 3 Working Days ☐ 2 - 8 Hours

☐ Drinking Water ☐ Waste Water ☒ Other

Analyses Requested: STEVE HUGGINS

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #		Comments
1. MW1 (22.5)	5/25/94	SOIL	1	BAG	405458	X	
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Relinquished By: (FED EX)	Date: 5.31.94	Time: 9:00	Received By: Charlie C	Date: 5.31.94 Time: 9:00am
Relinquished By: Charlie C	Date: 5/31/94	Time: 2:25	Received By: Melinda Crewes	Date: 5/31/94 Time: 2:25 pm
Relinquished By:	Date:	Time:	Received By Lab:	Date: Time:

Were Samples Received in Good Condition? ☒ Yes ☐ No Samples on Ice? ☐ Yes ☒ No Method of Shipment _____ Page 1 of 1

To be completed upon receipt of report:

1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed? _____

2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? _____

Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 S. Delaware St, San Mateo	Sampled: Jun 15, 1994
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Water	Received: Jun 16, 1994
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported: Jun 30, 1994
Attention: Avo Avedissian	First Sample #:	406-0803	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 406-0803 MW1	Sample I.D. 406-0804 MW2	Sample I.D. 406-0805 MW3
Purgeable Hydrocarbons	50	N.D.	89,000	2,400
Benzene	0.5	N.D.	11,000	170
Toluene	0.5	N.D.	37,000	270
Ethyl Benzene	0.5	N.D.	3,000	32
Total Xylenes	0.5	N.D.	20,000	290
Chromatogram Pattern:		--	Gasoline	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0	100	20
Date Analyzed:	6/27/94	6/27/94	6/27/94
Instrument Identification:	HP-4	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	102	103	100

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Sequoia Analytical

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Kaprealian Engineering, Inc.
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Avo Avedissian

Client Project ID: Unocal #6390, 402 S. Delaware St, San Mateo
Matrix: Liquid
QC Sample Group: 4060803-05
Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	J. Fontecha	J. Fontecha	J. Fontecha	J. Fontecha
MS/MSD Batch#:	4060857	4060857	4060857	4060857
Date Prepared:	6/27/94	6/27/94	6/27/94	6/27/94
Date Analyzed:	6/27/94	6/27/94	6/27/94	6/27/94
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Matrix Spike % Recovery:	100	100	100	100
Matrix Spike Duplicate % Recovery:	100	100	100	100
Relative % Difference:	0.0	0.0	0.0	0.0
LCS Batch#:	1LCS062794	1LCS062794	1LCS062794	1LCS062794
Date Prepared:	6/27/94	6/27/94	6/27/94	6/27/94
Date Analyzed:	6/27/94	6/27/94	6/27/94	6/27/94
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	95	95	94	96
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

Company Name: Kaprealian Engineering, Inc.	Project Name: 402 So. Delaware St. San Mateo
Address: 2401 Stanwell Dr. #400	UNOCAL Project Manager:
City: Concord State: Ca. Zip Code: 94520	
Telephone: 510-602-5100 FAX #: 510-687-0602	Site #: 6390
Report To: Ava Avdessian Sampler: John Goldings	QC Data: ☑ Level A (Standard) ☐ Level B ☐ Level C ☐ Level D

Turnaround Time: ☑ 10 Working Days ☐ 2 Working Days ☐ 5 Working Days ☐ 24 Hours ☐ 3 Working Days ☐ 2 - 8 Hours

☐ Drinking Water ☑ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #	TRH-G	BTXE	Comments
1. MW1	6/15 15:00		7	VOAs	4060803	✓	✓	
2. MW2	6/15 15:30		"	"	4060804	✓	✓	
3. MW3	6/15 15:35		"	"	4060805	✓	✓	
4.								
5.								
6.								
7.								
8.								
9.								
10.								

Pink - Client
Yellow - Sequoia
White - Sequoia

Relinquished By:	Date: 6/16	Time: 13:45	Received By:	Date: 6-16-94	Time: 1:45
Relinquished By:	Date 6-16-94	Time: 2:15	Received By: Melissa Cremer	Date: 6/16/94	Time: 2:15 pm
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

Were Samples Received in Good Condition? ☑ Yes ☐ No Samples on Ice? ☑ Yes ☐ No Method of Shipment _____ Page __ of __

To be completed upon receipt of report:

1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed? _____

2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? _____

Approved by: _____ Signature: _____ Company: _____ Date: _____

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 South Delaware St., San Mateo	Sampled: May 24-25, 1994
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Soil	Received: May 26, 1994
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported: Jun 10, 1994
Attention: Avo Avedissian	First Sample #:	405-1279	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 405-1279 MW1(5)	Sample I.D. 405-1280 MW1(10)	Sample I.D. 405-1281 MW1(15)	Sample I.D. 405-1282 MW1(19.5)	Sample I.D. 405-1283 MW2(5)	Sample I.D. 405-1284 MW2(10)
Purgeable Hydrocarbons	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	0.012
Toluene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	0.030
Ethyl Benzene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	0.012
Total Xylenes	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	0.21
Chromatogram Pattern:		--	--	--	--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	6/3/94	6/3/94	6/3/94	6/3/94	6/3/94	6/3/94
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	107	104	103	104	103	101

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Sequoia Analytical

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 South Delaware St., San Mateo	Sampled: May 24, 1994
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Soil	Received: May 26, 1994
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported: Jun 10, 1994
Attention: Avo Avedissian	First Sample #:	405-1285	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 405-1285 MW2(12)	Sample I.D. 405-1286 MW2(15)	Sample I.D. 405-1287 MW2(17)	Sample I.D. 405-1288 MW3(5)	Sample I.D. 405-1289 MW3(10)	Sample I.D. 405-1290 MW3(15)
Purgeable Hydrocarbons	1.0	600	2,300	2,600	N.D.	1.2	4.0
Benzene	0.005	0.89	26	14	N.D.	0.012	0.40
Toluene	0.005	20	240	230	0.015	0.043	0.12
Ethyl Benzene	0.005	14	58	62	N.D.	0.014	0.050
Total Xylenes	0.005	86	350	410	0.021	0.16	0.58
Chromatogram Pattern:		Gasoline	Gasoline	Gasoline	--	Gasoline	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	50	200	100	1.0	1.0	1.0
Date Analyzed:	6/3/94	6/5/94	6/6/94	6/5/94	6/5/94	6/5/94
Instrument Identification:	HP-4	HP-4	HP-5	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	88	103	70	101	105	104

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 South Delaware St., San Mateo	Sampled:	May 24, 1994
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Soil	Received:	May 26, 1994
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Jun 10, 1994
Attention: Avo Avedissian	First Sample #:	405-1291		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 405-1291 MW3(17)
Purgeable Hydrocarbons	1.0	810
Benzene	0.005	6.3
Toluene	0.005	76
Ethyl Benzene	0.005	21
Total Xylenes	0.005	130
Chromatogram Pattern:		Gasoline

Quality Control Data

Report Limit Multiplication Factor:	50
Date Analyzed:	6/5/94
Instrument Identification:	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	103

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kapreallan Engineering, Inc.
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Avo Avedissian

Client Project ID: Unocal #6390, 402 South Delaware St., San Mateo
Matrix: Solid
QC Sample Group: 4051279-91
Reported: Jun 10, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	J. Fontecha	J. Fontecha	J. Fontecha	J. Fontecha
MS/MSD Batch#:	4051282	4051282	4051282	4051282
Date Prepared:	6/6/94	6/6/94	6/6/94	6/6/94
Date Analyzed:	6/6/94	6/6/94	6/6/94	6/6/94
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg
Matrix Spike % Recovery:	83	83	83	83
Matrix Spike Duplicate % Recovery:	83	90	95	95
Relative % Difference:	0.0	0.0	0.0	0.0
LCS Batch#:	3LCS060694	3LCS060694	3LCS060694	3LCS060694
Date Prepared:	6/6/94	6/6/94	6/6/94	6/6/94
Date Analyzed:	6/6/94	6/6/94	6/6/94	6/6/94
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5
LCS % Recovery:	91	90	92	95
% Recovery Control Limits:	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

UNOCAL 76

☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 ☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☒ 1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600 ☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

Company Name: Kaprealian Engineering, Inc.	Project Name: 402 South Delaware Street, San Mateo
Address: 2401 Stanwell Drive, Suite 400	UNOCAL Project Manager: Tim Howard
City: Concord State: CA Zip Code: 94520	
Telephone: (510) 602-5100 FAX #: 687-0602	Site #:6390
Report To: Avo Sampler: Doug Lee	QC Data: ☒ Level A (Standard) ☐ Level B ☐ Level C ☐ Level D

Turnaround Time: ☒ 10 Working Days ☐ 2 Working Days ☐ 5 Working Days ☐ 24 Hours ☐ 3 Working Days ☐ 2 - 8 Hours

☐ Drinking Water ☐ Waste Water ☒ Other

Analyses Requested: TPH-G, BTEX

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #	TPH-G	BTEX	Comments
1. MW1 (5)	5/25/94	SOIL	1	TUBE	4051279	X	X	
2. MW1 (10)					1280			
3. MW1 (15)					1281			
4. MW1 (19.5)					1282			
5. MW2 (5)	5/24/94				1283			
6. MW2 (10)					1284			
7. MW2 (12)					1285			
8. MW2 (15)					1286			
9. MW2 (17)					1287			
10. MW3 (5)					1288			

Relinquished By: (KEY)	Date: 5/26/94	Time: 12:15PM	Received By: R. G. Kelley	Date: 5/26/94 Time: 12:15 pm
Relinquished By:	Date:	Time:	Received By:	Date: Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date: Time:

Were Samples Received in Good Condition? ☒ Yes ☐ No Samples on Ice? ☒ Yes ☐ No Method of Shipment _____

To be completed upon receipt of report:
1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed? _____
2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? _____

Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
Yellow - Sequoia
White - Sequoia

UNOCAL 76

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600
☒ 1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600
☐ 18939 120th Ave., N.E., Suite 101 • Bothell, WA 98011 • (206) 481-9200
☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

Company Name: Kaprealian Engineering, Inc.	Project Name: 402 South Delaware Street, San Mateo
Address: 2401 Stanwell Drive, Suite 400	UNOCAL Project Manager: Tim Howard
City: Concord State: CA Zip Code: 94520	
Telephone: (510) 602-5100 FAX #: 687-0602	Site #: 6390
Report To: Avo / Sampler: Doug Lee	QC Data: ☒ Level A (Standard) ☐ Level B ☐ Level C ☐ Level D

Turnaround Time: ☒ 10 Working Days ☐ 2 Working Days ☐ 5 Working Days ☐ 24 Hours ☐ 3 Working Days ☐ 2 - 8 Hours

☐ Drinking Water ☐ Waste Water ☒ Other

Analyses Requested: TPH-G, BTEX

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #	TPH-G	BTEX	Comments
1. MW3(10)	5/24/94	SOIL	1	TUBE	4051289	X	X	
2. MW3(15)	↓	↓	↓	↓	1290	↓	↓	
3. MW3(17)	↓	↓	↓	↓	1291	↓	↓	
4.								
5.								
6.								
7.								
8.								
9.								
10.								

Relinquished By: Doug Lee (KEI)	Date: 5/26/94	Time: 12:15PM	Received By: K. D Kelley	Date: 5/26/94	Time: 12:15 pm
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ No Samples on Ice? ☒ Yes ☐ No Method of Shipment _____ Page 2 of 2

To be completed upon receipt of report:
1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed? _____
2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? _____
Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
Yellow - Sequoia
White - Sequoia

KAPREALIAN ENGINEERING
INCORPORATED

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
MAY 24 1995
RECEIVED

9

KEI-P92-0801.R5
May 11, 1995

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. David J. Camille

RE: Continuing Ground Water Investigation at
Unocal Service Station #6390
402 South Delaware Street
San Mateo, California

Dear Mr. Camille:

This report presents the results of Kaprealian Engineering, Inc's. (KEI) most recent soil and ground water investigation in the vicinity of the referenced site, in accordance with KEI's proposal (KEI-P92-0801.P3) dated December 13, 1994. The purpose of this investigation was to further define the degree and extent of soil and ground water contamination at and in the vicinity of the site. The scope of the work performed by KEI consisted of the following:

Coordination with regulatory agencies

Geologic logging of two borings for the installation of two monitoring wells

Soil sampling

Development of the newly-installed monitoring wells

Delivery of soil samples (including properly executed Chain of Custody documentation) to a California-certified analytical laboratory for laboratory analyses

Data analysis, interpretation, and report preparation

SITE DESCRIPTION AND BACKGROUND

The subject site contains an operating Unocal service station facility, and is located on the southwest corner of the intersection of 4th Avenue and South Delaware Street in San Mateo, California. The site occupies flat terrain and is situated approximately one mile from the present day shoreline of San Francisco Bay. A Location Map is attached to this report.

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

KEI's initial field work was conducted on August 5, 1992, when one 12,000 gallon regular unleaded gasoline storage tank and one 12,000 gallon super unleaded gasoline storage tank were removed from the site. The tanks were made of fiberglass, and no apparent holes or cracks were observed in the regular unleaded gasoline tank. However, the super unleaded gasoline tank had a nine-inch long crack located near the east end of the tank. Tank removal and soil sampling activities were performed in the presence of Ms. Sabrina Mih of the San Mateo County Department of Health Services (SMCDHS). Mr. Jorge Gomar of the SMCDHS was also present during tank removal operations.

Two soil samples, labeled A1 and B1, were collected from beneath the west ends of the fuel tanks at depths of about 15 feet below grade. Two soil samples, labeled A2(22) and B2(18), were collected from beneath the east ends of the fuel tanks at depths of approximately 22 feet and 18 feet below grade, respectively. Due to obvious hydrocarbon-impacted soil observed beneath the east ends of the fuel tanks and per the request of Ms. Mih, two soil samples, labeled SW1 and SW2, were collected from the south and east sidewalls of the fuel tank pit at depths of approximately 15 feet below grade. The undisturbed soil samples were collected from bulk material excavated by backhoe. Sample point locations are as shown on the attached Figure 3.

KEI returned to the site on August 11, 1992, when one 550 gallon waste oil storage tank was removed from the site. The tank was made of steel, and two holes of 3/16 inch in diameter were observed in the tank. Mr. Gomar was present during tank removal activities. One soil sample, labeled WO1, was collected from beneath the former waste oil tank at a depth of about 8 feet below grade. In addition, six soil samples, labeled P1 through P6, were collected from the bottom of the product piping trenches at depths of approximately 3 feet below grade. The samples were collected and handled as previously described. Sample point locations are as shown on the attached Figure 3. Soil sampling was again performed in the presence of Ms. Mih.

On August 21, 1992, the east side of the fuel tank pit was additionally excavated to a depth of approximately 22 feet below grade (over an area of about 30 feet by 27 feet). Ground water was observed at a depth of about 21 feet below grade. In an attempt to define the extent of existing hydrocarbon-impacted soil in the vicinity of the sidewalls, three additional soil samples, labeled SW1(2.5), SW2(2.5), and SW3, were collected from the sidewalls of the additionally excavated fuel tank pit at depths of approximately 16 feet below grade. The samples were also collected from bulk material excavated by backhoe. Ms. Mih was again present during excavation and soil sampling activities. Sample point locations

are shown on the attached Figure 3. Excavated soil was stockpiled on-site and sampled prior to disposal. After the soil sampling was completed, approximately 1,000 gallons of hydrocarbon-impacted ground water (with floating product and heavy sheen) were pumped from the fuel tank pit.

On August 25, 1992, an additional 4,800 gallons of ground water were pumped from the fuel tank pit. One water sample, labeled W1, was then collected from the fuel tank pit in four clean glass VOA vials and one-liter amber bottles.

KEI returned to the site on October 22, 1992, in order to collect soil samples from beneath the former product dispensers prior to the new piping installation. Three soil samples, labeled D1, D2, and D3, were collected at depths of about 7 feet below grade. These samples were also collected as previously described. Sample point locations are again shown on the attached Figure 3.

The subsurface soils exposed in the excavations consisted primarily of clayey silt to the maximum depth explored (approximately 22 feet below grade). However, the subsurface soils exposed in the waste oil tank pit excavation consisted primarily of silt (with some gravel). Ground water was encountered in the fuel tank pit at a depth of about 21 feet below grade.

All samples were analyzed by Sequoia Analytical Laboratory. Samples from the fuel tank pit were analyzed for total petroleum hydrocarbons (TPH) as gasoline by EPA method 5030/modified 8015, and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8020. The sample from the waste oil tank pit was analyzed for TPH as gasoline, TPH as diesel by EPA method 3550/modified 8015, BTEX, total oil and grease (TOG) by Standard Methods 5520E&F, EPA method 8010 constituents, and the metals cadmium, chromium, lead, nickel, and zinc. The sidewall soil sample SW3 and the water sample W1 (collected from the fuel tank pit) were analyzed for TPH as gasoline, TPH as diesel, and BTEX. The water sample was also analyzed for organic lead by the California LUFT Manual procedure. The results of the soil analyses are summarized in Tables 5 and 6. The results of the water analyses are summarized in Table 7.

Based upon the analytical results of the soil samples collected through October 1992, it appeared that the majority of the known hydrocarbon-impacted soil had been excavated and removed in the vicinity of the pump islands, the product piping trenches, the waste oil tank pit, and the western portion of the fuel tank pit. Hydrocarbon-impacted soil was also excavated and removed from the eastern portion of the fuel tank pit to a depth of 22 feet below grade, where ground water was encountered. Free product and a heavy sheen was detected on the ground water within the eastern

portion of the tank pit. As previously stated, the eastern end of the super unleaded tank was observed to contain a nine-inch long crack during the removal of this tank.

Therefore, based on the analytical results of the soil and ground water samples collected through October 1992, and in accordance with the guidelines established by the Regional Water Quality Control Board (RWQCB), KEI concluded that further work was warranted at the site because of the levels of contamination found in the soil and water samples collected from the eastern portion of the fuel tank pit. To comply with the requirements of the RWQCB and the SMCDHS, KEI recommended the installation of three monitoring wells at the site in order to begin to define the extent of the soil and ground water contamination, and to determine the ground water flow direction.

On May 24 and 25, 1994, three two-inch diameter monitoring wells (designated as MW1 through MW3 on the attached Figure 1) were installed at the site. The three wells were each drilled and completed to total depths ranging from 28 to 30 feet below grade. Ground water was encountered at depths ranging from 17.5 to 20 feet below grade during drilling.

The new wells (MW1 through MW3) were developed on June 9 and 10, 1994, and were initially monitored and sampled on June 15, 1994.

Water and selected soil samples from the borings of MW1 through MW3 were analyzed at Sequoia Analytical Laboratory. The samples were analyzed for TPH as gasoline by EPA method 5030/modified 8015, and BTEX by EPA method 8020. The results of the soil analyses are summarized in Table 4, and the results of the water analyses are summarized in Table 3.

Based upon the analytical results of the soil and ground water samples collected and evaluated through June 1994, KEI concluded that the area of hydrocarbon-impacted soil and ground water on-site appeared to be limited to the vicinity of the underground fuel storage tanks. In addition, based upon the analytical results of the soil and ground water samples collected from wells MW2 and MW3, KEI concluded that the extent of hydrocarbon contamination in the vicinity of the underground fuel storage tanks had not been delineated. However, before making recommendations pertaining to additional exploratory borings/monitoring wells or evaluation of potential remedial options, KEI recommended the implementation of a three month ground water monitoring and sampling program. The purpose of this three month program was to attempt to establish a consistent ground water flow direction and contaminant concentration levels at the site.

RECENT FIELD ACTIVITIES

On March 23, 1995, two additional two-inch diameter monitoring wells (designated as MW4 and MW5 on the attached Figure 1) were installed in the vicinity of the subject site. The wells were each drilled, constructed, and completed in accordance with the guidelines of the Regional Water Quality Control Board (RWQCB) and the California Well Standards (per Bulletin 74-90). The subsurface materials penetrated and details of the construction of the wells are described in the attached Boring Logs and Well Construction Diagrams, respectively.

The two wells (MW4 and MW5) were each drilled and completed to a total depth of 27 feet below grade. During drilling, ground water was encountered at a depth of 10.5 feet below grade in MW4, and at a depth of 12 feet below grade in MW5. Soil samples were collected for laboratory analysis and for lithologic logging purposes at a maximum spacing of 5 foot intervals, at significant changes in lithology, at obvious areas of contamination, and at or immediately below the soil/ground water interface, beginning at a depth of approximately 5 feet below grade and continuing until ground water was encountered. All other soil sampling conducted below the ground water table was for lithologic logging purposes only. The undisturbed soil samples were collected by driving a California-modified split-spoon sampler (lined with brass liners) ahead of the drilling augers. The two-inch diameter brass liners holding the samples were sealed with Teflon-lined plastic caps, labeled, and placed in individually sealed plastic bags, which were then stored in a cooler, on ice, until delivery to a state-certified laboratory.

Each well casing was installed with a watertight cap and a padlock. A round, watertight, flush-mounted well cover was cemented in place over each well casing. The top of each well casing was surveyed by Kier & Wright of Pleasanton, California, to Mean Sea Level (MSL) and to a vertical accuracy of 0.01 foot.

The new wells were developed on April 4, 1995. Prior to development, the wells were checked for the depth to the water table and the presence of free product. No free product was noted in either of the two wells. After recording the monitoring data, the two new wells were each purged (by the use of a pump) of 110 gallons of water until the evacuated water was clear and free of visible suspended sediment.

All of the wells, including the newly installed wells MW4 and MW5, were monitored and sampled on April 7, 1995, by MPDS Services, Inc., of Concord, California. The monitoring and well development data are summarized in Table 1, and the field parameter data are summarized in Table 2.

ANALYTICAL RESULTS

Selected soil samples collected from the boring of monitoring wells MW4 and MW5 were analyzed at Sequoia Analytical Laboratory. All samples analyzed were accompanied by properly executed Chain of Custody documentation. The samples were analyzed for TPH as gasoline by EPA method 5030/modified 8015, and BTEX by EPA method 8020. The analytical results of the soil samples are summarized in Table 4. Copies of the laboratory analyses and the Chain of Custody documentation for the soil samples are attached to this report.

The analytical results of the ground water samples collected from all of the monitoring wells (MW1 through MW5) on April 7, 1995, are summarized in Table 3. The concentrations of TPH as gasoline and benzene detected in ground water samples collected on April 7, 1995, are shown on the attached Figure 2. Copies of the laboratory analyses and the Chain of Custody documentation for the water samples are attached to MPDS Services, Inc. Quarterly Data Report (MPDS-UN6390-03) dated May 5, 1995.

HYDROLOGY AND GEOLOGY

On April 7, 1995, the measured depth to ground water in the monitoring wells ranged from 9.11 to 10.47 feet below the top of the well casings. The ground water flow direction appeared to be to the east, as shown on the attached Figure 1. The hydraulic gradient at the site on April 7, 1995, was approximately 0.003, based on water level data collected from the monitoring wells prior to purging.

Based on review of regional geologic maps (U.S. Geological Survey Professional Paper 943, "Flatland Deposits of the San Francisco Bay Region, California, Their Geology and Engineering Properties, and Their Importance to Comprehensive Planning," by E.J. Helley and K.R. Lajoie, et. al., 1979), the subject site is underlain directly by Holocene medium-grained alluvium (Qham), which is described as typically consisting of unconsolidated, well-bedded, moderately sorted, moderately permeable fine sand, silt, and clayey silt, with occasional thin beds of coarse sand. The thickness of these deposits generally does not exceed 12 feet. The site is also located closely adjacent to mapped geologic contacts of older Holocene coarse-grained alluvium (Qhac) and late Pleistocene

alluvium (Qpa). The older Qhac sequence is described as consisting of well bedded, unconsolidated, moderately sorted, permeable sand and silt, locally interbedded with coarse sand and gravel. The maximum thickness of this alluvial sequence is estimated at 50 feet. The Qpa deposits, the oldest of the sediments listed here, consist of weakly consolidated, slightly weathered, poorly sorted and irregularly interbedded clay, silt, sand, and gravel. The maximum thickness of the Qpa alluvial sequence is unknown, but is estimated to be at least 150 feet.

Based on the results of our subsurface studies, the subject site and vicinity are underlain by fill materials to a depth of about 2 feet below grade. The fill is in turn underlain by alluvium to the maximum depth explored (30 feet below grade). The alluvium underlying the site consists predominantly of silty or clayey gravel and sandy or clayey silt. Lesser amounts of silty sand and silty clay are also present.

No. Does not jive. Likely <10 fbg.

As of March 1995, the unsaturated zone beneath the site is approximately 16 feet thick and consists of silty or clayey gravel and sandy or clayey silt. The first water bearing unit beneath the site (first aquifer) consists largely of gravel. Subordinate amounts of silt and sand were also encountered during drilling.

The results of the particle size analysis (sieve and hydrometer) previously conducted on the soil sample collected from the boring for monitoring well MW1 at a depth of 22.5 feet below grade indicated that the sample was composed of approximately 49% sand, 31% gravel, 11% clay, and 9% silt. However, the lab reported that the sample subjected to particle size analysis contained organic material that did not pass the No. 4 sieve, and therefore the resulting determination of percent gravel may be artificially elevated. The sample was classified as a silty sand with gravel (SM).

DISTRIBUTION

Copies of this report should be sent to the SMCDHS, and to the RWQCB, San Francisco Bay Region.

LIMITATIONS

Soil deposits and rock formations may vary in thickness, lithology, saturation, strength and other properties across any site. In addition, environmental changes, either naturally-occurring or artificially-induced, may cause changes in the extent and concentration of any contaminants. Our studies assume that the field and laboratory data are reasonably representative of the site as a whole, and assume that subsurface conditions are reasonably conducive to interpolation and extrapolation.

The results of this study are based on the data obtained from the field and laboratory analyses obtained from a state-certified laboratory. We have analyzed this data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either expressed or implied, regarding the above, including laboratory analyses, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

Should you have any questions regarding this report, please do not hesitate to call me at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Haig (Gary) Tejirian
Senior Staff Geologist



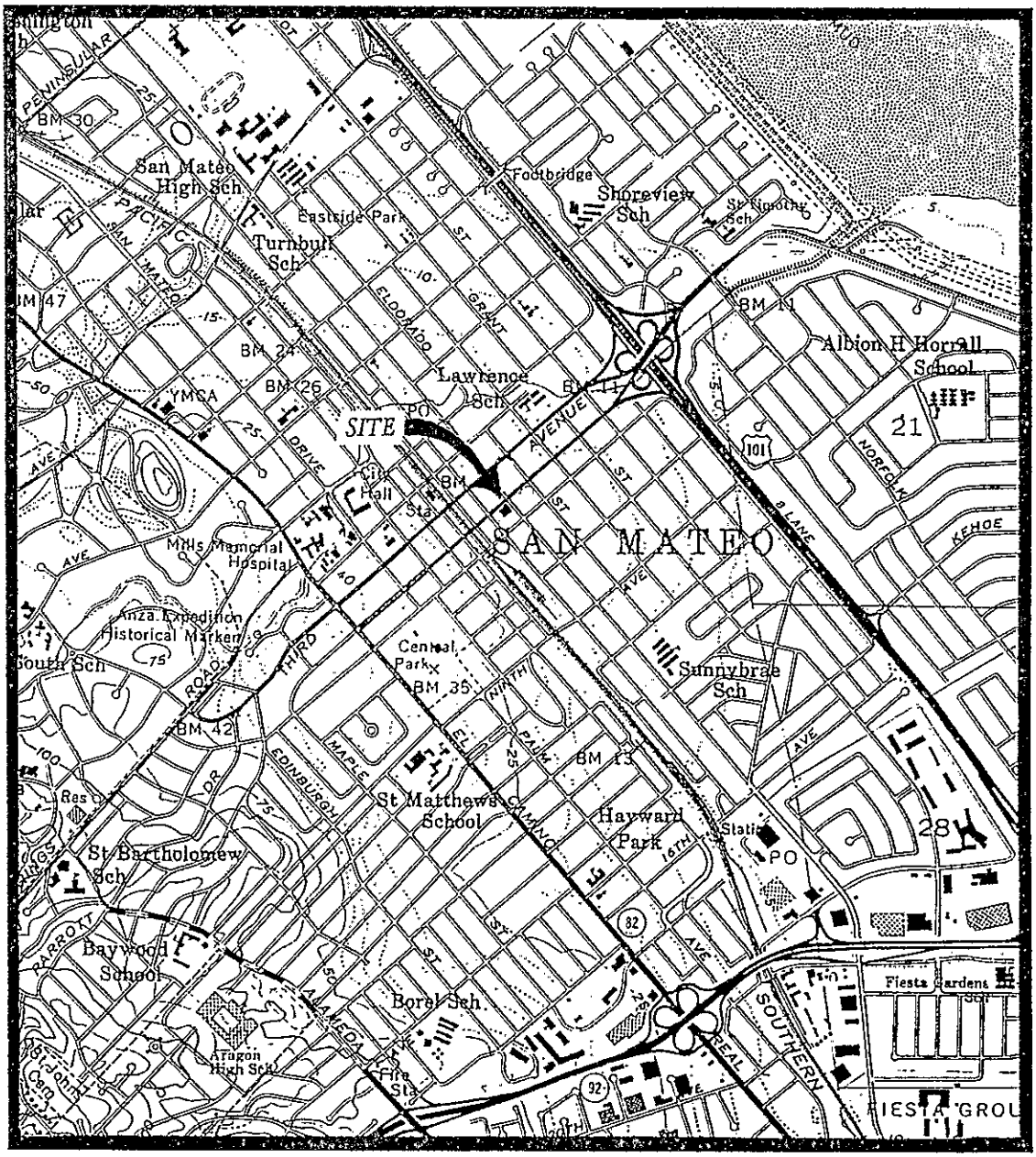
Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. EG 1633
Exp. Date 8/31/96

Timothy R. Ross
General Manager

/jad

Attachments: Tables 1 through 7
Location Map
Figures 1, 2 & 3
Boring Logs
Well Construction Diagrams
Laboratory Analyses
Chain of Custody documentation

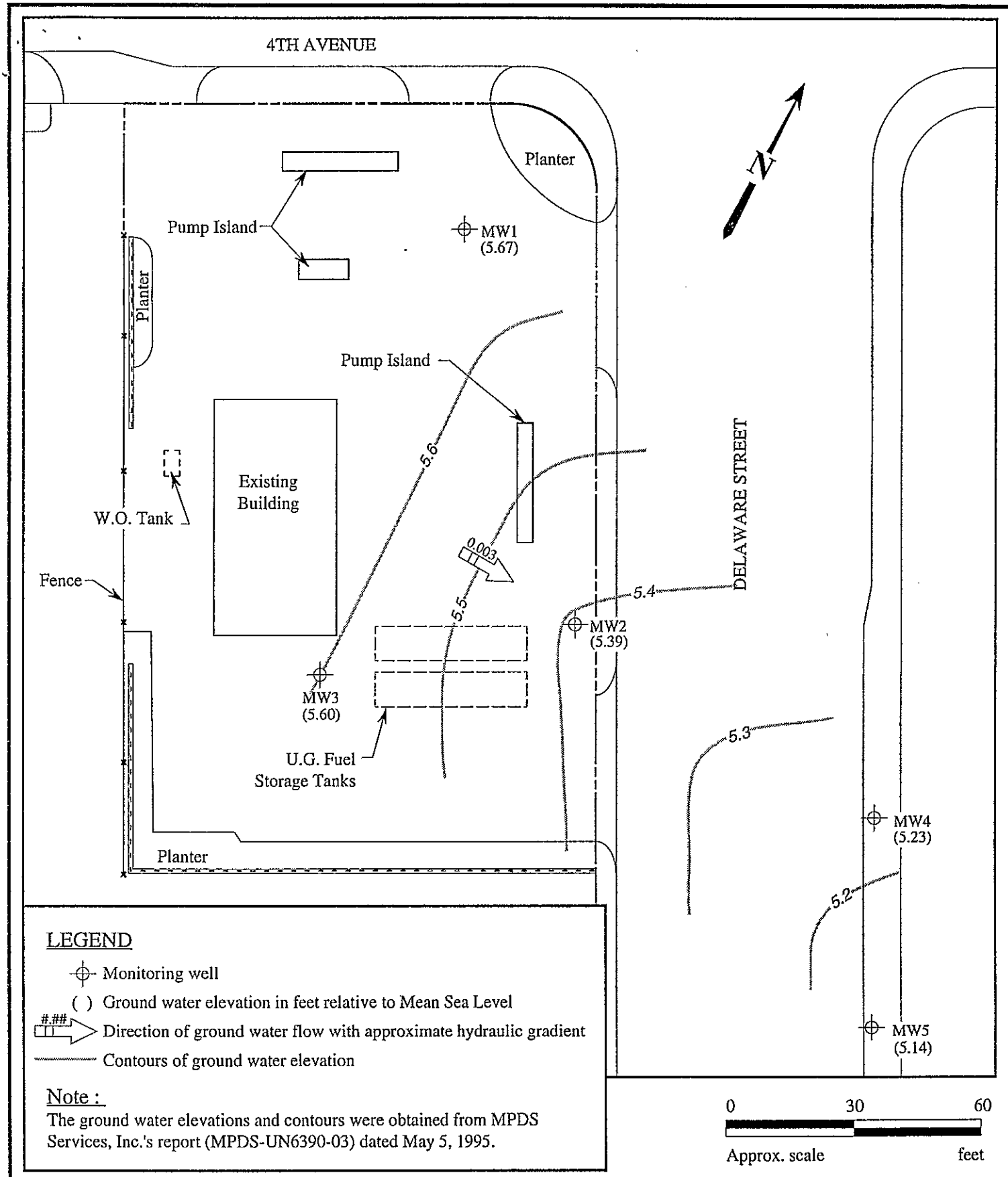


Base modified from 7.5 minute U.S.G.S. San Mateo Quadrangle
(photorevised 1980)

0 2000 4000

Approx. scale feet

KAPREALIAN ENGINEERING INCORPORATED	UNOCAL SERVICE STATION #6390 402 SOUTH DELAWARE STREET SAN MATEO, CA	LOCATION MAP

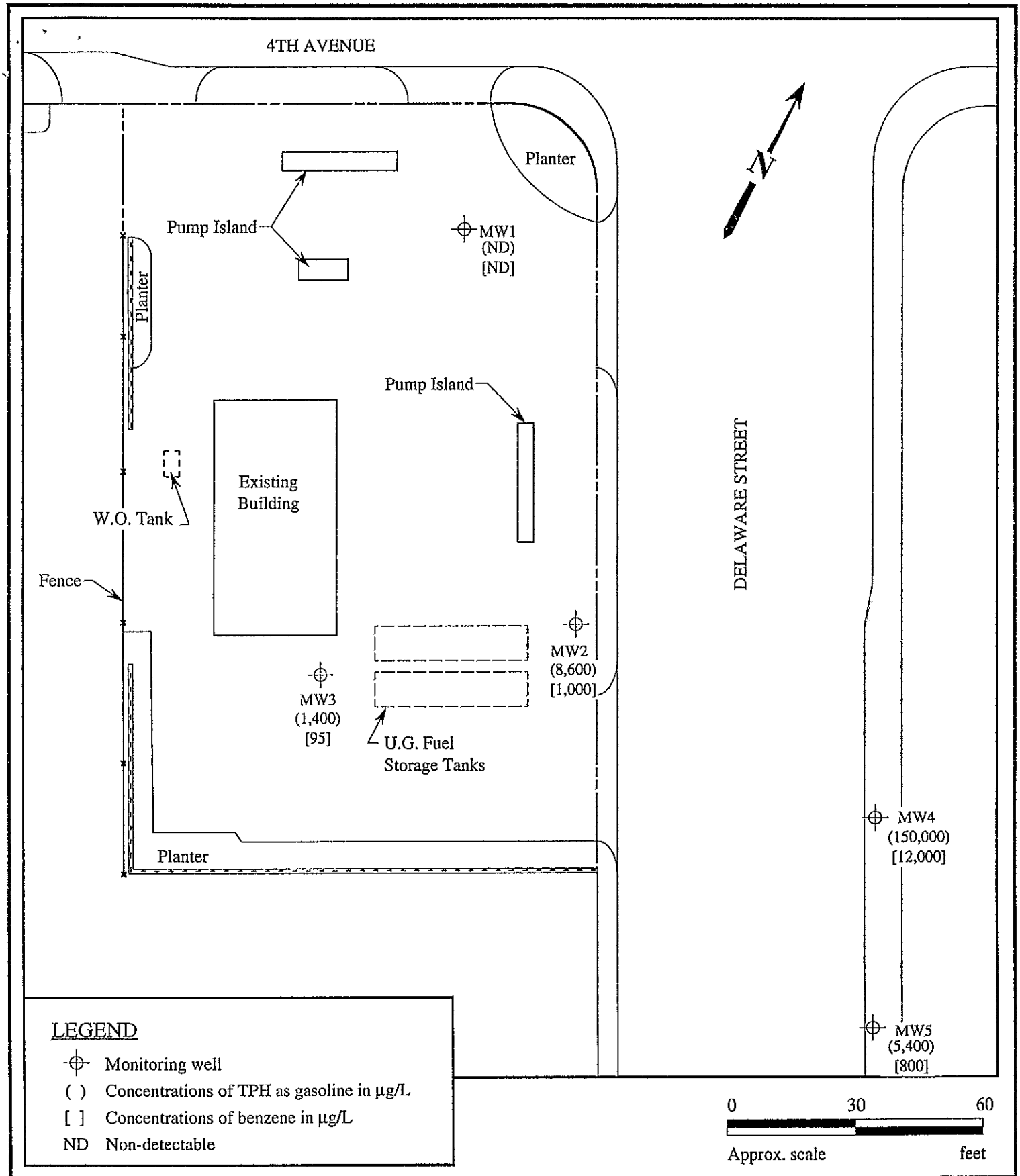


GROUND WATER FLOW DIRECTION MAP FOR THE APRIL 7, 1995 MONITORING EVENT

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

FIGURE
1

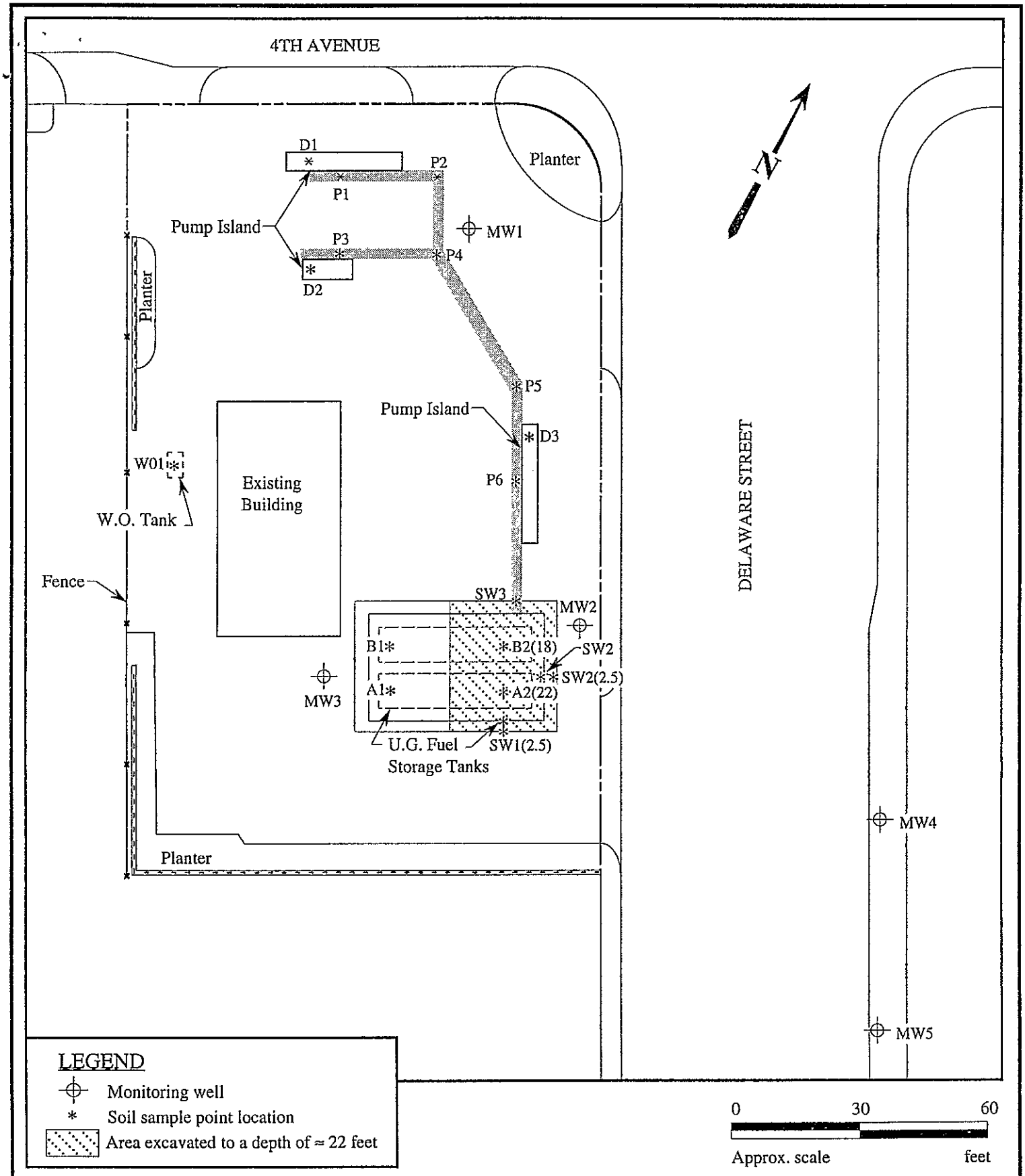


PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON APRIL 7, 1995

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

FIGURE
2



SOIL SAMPLE POINT LOCATION MAP

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

FIGURE
3

KEI-P92-0801.R5
May 11, 1995

TABLE 1

SUMMARY OF MONITORING DATA

Well #	Ground Water Elevation (feet)	Depth to Water (feet)♦	Total Well Depth (feet)♦	Product Thickness (feet)	Sheen	Water Purged (gallons)
(Monitored and Sampled on April 7, 1995)						
MW1	5.67	9.20	27.60	0	No	13
MW2	5.39	9.11	29.86	0	No	14.5
MW3	5.60	10.47	27.64	0	No	12
MW4	5.23	9.15	27.11	0	No	12.5
MW5	5.14	9.11	27.15	0	No	12.5
(Monitored and Developed on April 4, 1995)						
MW4	5.50	8.88	22.00	0	--	110
MW5	5.40	8.85	26.55	0	--	110
(Monitored on February 24, 1995)						
MW1	3.37	11.50	27.60	0	--	0
MW2	3.08	11.42	29.94	0	--	0
MW3	3.29	12.78	27.70	0	--	0
(Monitored on January 24, 1995)						
MW1	4.87	10.00	27.40	0	--	0
MW2	4.64	9.86	29.94	0	--	0
MW3	4.79	11.28	27.70	0	--	0
(Monitored and Sampled on December 12, 1994)						
MW1	0.03	14.84	27.68	0	No	9
MW2	-0.24	14.74	29.92	0	No	11
MW3	-0.05	16.12	27.68	0	No	8
(Monitored and Sampled on September 26, 1994)						
MW1	-2.93	17.80	27.70	0	No	7
MW2	-3.12	17.62	29.95	0	No	8.5
MW3	-2.99	19.06	27.68	0	No	6
(Monitored and Sampled on June 15, 1994)						
MW1	-0.55	15.42	27.65	0	No	10
MW2	-0.83	15.33	29.97	0	No	12
MW3	-0.64	16.71	27.65	0	No	8

KEI-P92-0801.R5
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TABLE 1 (Continued)

SUMMARY OF MONITORING DATA

Well #	Ground Water Elevation (feet)	Depth to Water (feet)♦	Total Well Depth (feet)♦	Product Thickness (feet)	Sheen	Water Purged (gallons)
(Monitored and Developed on June 9 and 10, 1994)						
MW1	-0.26	15.13	27.65	0	--	115
MW2	-0.56	15.06	29.96	0	--	105
MW3	-0.35	16.42	27.66	0	--	110

Well #	Well Casing Elevation (feet)*
MW1	14.87
MW2	14.50
MW3	16.07
MW4	14.38
MW5	14.25

♦ The depth to water and well depth measurements were taken from the top of the well casings.

* The elevations of the tops of the well casings have been surveyed relative to MSL, per the City of San Mateo Benchmark #33-2 (elevation = 17.65' MSL).

-- Sheen determination was not performed.

NOTE: Monitoring data subsequent to June 15, 1994, were provided by MPDS Services, Inc., except for the monitoring and well development data on April 4, 1995, which were provided by KEI.

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May 11, 1995

TABLE 2

RECORD OF THE TEMPERATURE, CONDUCTIVITY, AND pH VALUES
IN THE MONITORING WELLS DURING PURGING AND PRIOR TO SAMPLING

(Measured on April 7, 1995)

Well #	Gallons per Casing Volume	Time	Gallons Purged	Casing Volumes Purged	Temperature (°F)	Conductivity ([μmhos/cm]x100)	pH
MW1	3.13	08:45	0	0	58.5	5.87	7.55
			3	0.96	64.7	5.61	7.20
			6	1.92	67.8	4.18	7.07
			9	2.88	68.6	4.65	7.10
		08:55	13	4.15	69.0	4.69	7.09
MW2	3.53	10:10	0	0	66.5	5.91	7.51
			3.5	0.99	67.6	5.63	7.40
			7	1.98	68.0	5.25	7.38
			10.5	2.97	67.6	5.07	7.32
		10:20	14.5	4.11	67.5	5.00	7.28
MW3	2.92	09:25	0	0	64.3	5.92	7.33
			3	1.03	67.2	6.46	7.31
			6	2.05	66.6	6.92	7.37
			9	3.08	66.8	6.63	7.22
		09:35	12	4.11	67.1	6.55	7.18
MW4	3.05	11:45	0	0	65.4	5.52	7.75
			3	0.98	68.0	6.69	7.50
			6	1.97	67.5	5.75	7.58
			9	2.95	68.2	5.68	7.43
		11:55	12.5	4.10	67.4	4.93	7.39
MW5	3.07	11:00	0	0	62.3	5.11	7.51
			3	0.98	67.6	5.25	7.45
			6	1.95	68.5	5.45	7.40
			9	2.93	68.3	5.52	7.42
		11:10	12.5	4.07	68.1	5.60	7.40

NOTE: Field parameter data were provided by MPDS Services, Inc.

KEI-P92-0801.R5
May 11, 1995

TABLE 3

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
4/07/95	MW1	ND	ND	ND	ND	0.83
	MW2	8,600	1,000	2,200	230	1,400
	MW3	1,400	95	160	26	91
	MW4	150,000	12,000	40,000	4,700	31,000
	MW5	5,400	800	330	38	580
12/12/94	MW1	58	ND	ND	0.99	4.2
	MW2	130,000	9,800	34,000	2,300	16,000
	MW3	11,000	380	400	72	130
9/26/94	MW1	ND	ND	ND	ND	ND
	MW2	52,000	4,600	12,000	1,000	6,400
	MW3	4,800	490	500	110	350
6/15/94	MW1	ND	ND	ND	ND	ND
	MW2	89,000	11,000	37,000	3,000	20,000
	MW3	2,400	170	270	32	290

ND = Non-detectable

Results are in micrograms per liter (µg/L), unless otherwise indicated.

NOTE: Laboratory analyses data subsequent to June 15, 1994, were provided by MPDS Services, Inc.

KEI-P92-0801.R5
May 11, 1995

TABLE 4

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample Number	TPH as Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
5/24/94 & 5/25/94	MW1(5)	ND	ND	ND	ND	ND
	MW1(10)	ND	ND	ND	ND	ND
	MW1(15)	ND	ND	ND	ND	ND
	MW1(19.5)	ND	ND	ND	ND	ND
	MW2(5)	ND	ND	ND	ND	ND
	MW2(10)	ND	0.012	0.030	0.012	0.21
	MW2(12)	600	0.89	20	14	86
	MW2(15)	2,300	26	240	58	350
	MW2(17)	2,600	14	230	62	410
	MW3(5)	ND	ND	0.015	ND	0.021
	MW3(10)	1.2	0.012	0.043	0.014	0.16
	MW3(15)	4.0	0.40	0.12	0.050	0.58
	MW3(17)	810	6.3	76	21	130
3/23/95	MW4(5)	ND	ND	ND	ND	0.0087
	MW4(10)	ND	ND	ND	ND	0.031
	MW4(15)	600	3.3	38	14	96
	MW5(5)	ND	ND	ND	ND	ND
	MW5(9.5)	ND	ND	ND	ND	0.010
	MW5(11)	ND	ND	ND	ND	ND
	MW5(15)	9.4	0.25	0.59	0.15	1.1

NOTE: The soil samples were collected at the depths below grade indicated in the ( ) of the respective sample number.

ND = Non-detectable.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

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May 11, 1995

TABLE 5

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample	Depth (feet)	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
8/05/92	A1	15	33	0.63	2.4	0.65	4.5
	B1	15	20	0.58	2.3	0.40	2.7
	A2(22)	22	480	6.7	41	9.2	61
	B2(18)	18	5,000	47	470	120	790
	SW1	15	980	11	90	23	160
	SW2	15	1,100	14	130	34	200
8/11/92	P1	3	ND	ND	ND	ND	ND
	P2	3	ND	ND	ND	ND	ND
	P3	3	ND	ND	ND	ND	ND
	P4	3	ND	ND	ND	ND	ND
	P5	3	ND	ND	ND	ND	ND
	P6	3	ND	ND	ND	ND	ND
	WO1	8	ND	ND	ND	ND	ND
8/21/92	SW1(2.5)	16	5.6	0.0097	0.049	0.024	0.23
	SW2(2.5)	16	ND	ND	ND	ND	ND
	SW3*	16	16	0.017	0.081	0.051	0.39
10/22/92	D1	7	ND	ND	ND	ND	ND
	D2	7	ND	ND	ND	ND	ND
	D3	7	ND	ND	ND	ND	ND

* TPH as diesel was detected at a concentration of 5.9 mg/kg.

ND = Non-detectable.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

TABLE 6

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample	Depth (feet)	TPH as Diesel	Cadmium	Chromium	Lead	Nickel	Zinc	TOG
8/11/92	WO1*	8	ND	1.1	67	6.0	73	44	ND

* All EPA method 8010 constituents were non-detectable, except for tetrachloroethene, which was detected at a concentration of 6.4 ppb.

ND = Non-detectable.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

KEI-P92-0801.R5
May 11, 1995

TABLE 7

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample	TPH as Diesel	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
8/25/92	W1*	28,000	50,000	1,200	6,700	10,000	1,400

* Organic lead was non-detectable.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW4	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Concrete.
			ML	Sandy silt, estimated at 30-35% fine to coarse-grained sand, firm, moist,dark yellowish brown.
				Sandy silt, estimated at 30-35% fine to coarse-grained sand, hard, moist,dark yellowish brown.
20/35/50-4"		5	SC	Clayey sand with gravel to 1-1/4 inches in diameter, estimated at 25-30% clay and 15-20% gravel, sand is fine to coarse-grained, very dense, moist, yellowish brown, friable.
17/24/30	▽	10	GC	Clayey gravel with sand, estimated at 10-20% clay and 25-30% fine to medium-grained sand, dense to very dense, wet, dark yellowish brown.
13/23/35		15	GW	Well graded gravel with sand, trace clay and silt, estimated at 20-25% medium to coarse-grained sand, gravel to 2 inches in diameter, dense to very dense, saturated, dark yellowish brown.
20/30/41		20	GW-GC	Well graded gravel with clay and sand, estimated at 5- 10% clay, trace silt, estimated at 35-40% medium to coarse-grained sand, gravel to 1/2 inch in diameter, very dense, saturated, dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW4	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
				Well graded gravel with clay and sand.
			SP	Poorly graded sand with gravel, estimated at 35-40% gravel to 1/4 inch in diameter, sand is coarse to very coarse-grained, very dense, saturated, very dark grayish brown.
9/50		25	SP-SC	Poorly graded sand with clay and gravel, estimated at 10-15% clay and 30-35% gravel to 1/4 inch in diameter, sand is coarse to very coarse-grained, very dense, saturated, dark yellowish brown.
17/28			GW	Well graded gravel with sand, trace silt, estimated at 20-30% medium to coarse-grained sand, gravel to 2 inches in diameter, dense, saturated, dark yellowish brown.
		30		TOTAL DEPTH: 27'
		35		
		40		

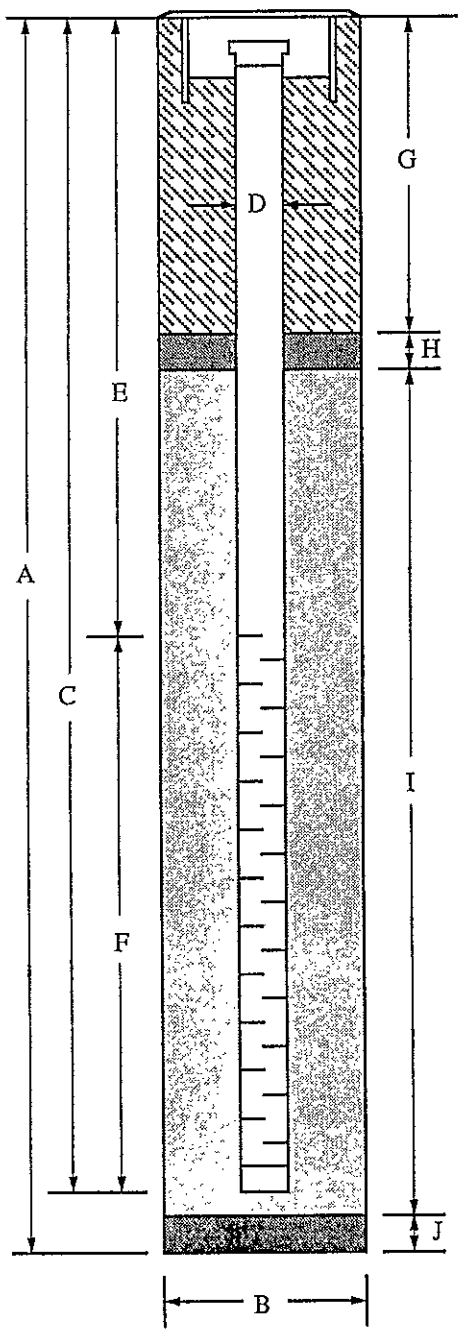
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW4

PROJECT NUMBER: KEI-P92-0801.P3

WELL PERMIT NO.: San Mateo County DHS/EHD #LMW-43-95

Flush-mounted Well Cover



A. Total Depth : 27'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 27'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 7'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 3'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW5	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Concrete.
			ML	Sandy silt, estimated at 30-40% fine to coarse-grained sand, firm, moist,dark yellowish brown.
14/28/25		5		Sandy silt, trace gravel to 3/4 inch in diameter, estimated at 35-45% fine to medium-grained sand, hard, moist, yellowish brown.
10/20/33			SP-SM	Poorly graded sand with silt and gravel, estimated at 5-10% silt, 30% gravel to 3/4 inch in diameter, sand is fine to medium-grained, dense to very dense, moist, dark yellowish brown.
9/21/38		10		Silty gravel with sand, estimated at 30-35% silt and 15% sand, gravel to 1-1/2 inch in diameter, dense to very dense, moist, dark yellowish brown.
6/23/48	▽		GM	Silty gravel with sand, estimated at 25-30% medium to coarse-grained sand and 15-20% silt, gravel to 1 inch in diameter, medium dense to very dense, moist, dark yellowish brown.
19/25/30		15	ML	Silt, estimated at 5-15% clay, hard, moist, strong brown and black, mottled.
9/12/40		20	SW-SM	Well graded sand with silt and gravel, estimateted at 20% gravel to 1-1/2 inches in diameter and 10% silt, sand is medium to very coarse-grained, medium dense to very dense, dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW5	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

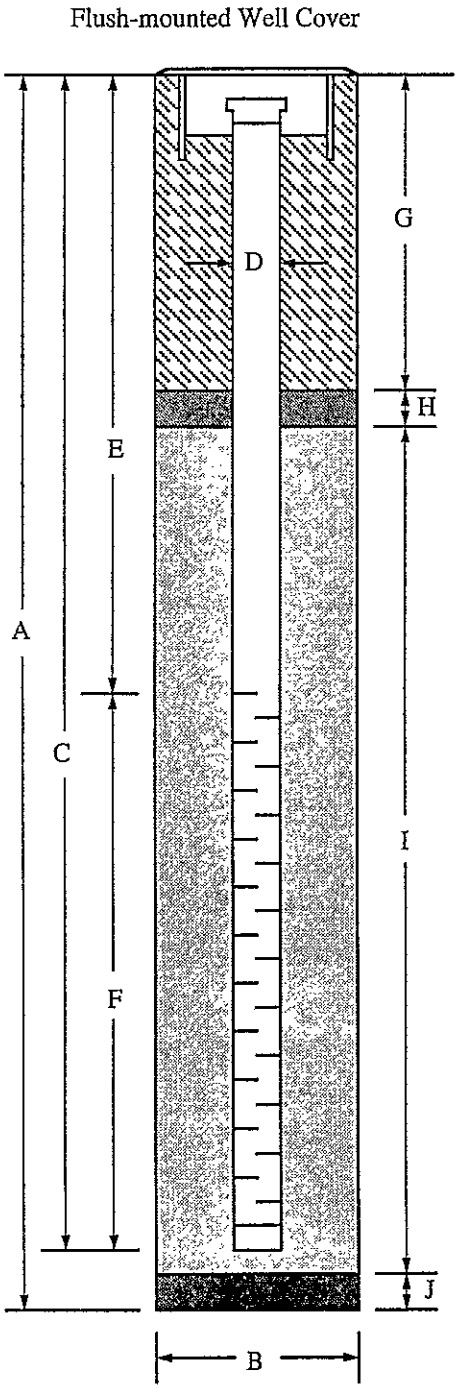
Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
			SW-SM	Well graded sand with silt and gravel.
			SP	Poorly graded sand, fine to medium grained, medium dense, saturated, olive brown.
9/14/15		25		Poorly graded gravel with sand, trace silt, estimated at 20-25% coarse to very coarse-grained sand, gravel to 1/2 inch in diameter, medium dense, saturated, dark yellowish brown.
17/36			GP	Silty sand with gravel, estimated at 30% gravel to 1-3/4 inches in diameter, and 15-20% silt, sand is medium to very coarse-grained, very dense, saturated dark yellowish brown..
			SM	TOTAL DEPTH: 27'
		30		
		35		
		40		

WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW5

PROJECT NUMBER: KEI-P92-0801.P3

WELL PERMIT NO.: San Mateo County DHS/EHD #LMW-43-95



A. Total Depth : 27'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 27'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 7'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 3'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 So. Delaware Street, San Mateo	Sampled: Mar 23, 1995
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Soil	Received: Mar 24, 1995
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported: Apr 10, 1995
Attention: Dennis Royce	First Sample #:	503-1419	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 503-1419 MW4 (5)	Sample I.D. 503-1420 MW4 (10)	Sample I.D. 503-1421 MW4 (15)	Sample I.D. 503-1422 MW5 (9.5)	Sample I.D. 503-1423 MW5 (11)	Sample I.D. 503-1424 MW5 (15)
Purgeable Hydrocarbons	1.0	N.D.	N.D.	600	N.D.	N.D.	9.4
Benzene	0.0050	N.D.	N.D.	3.3	N.D.	N.D.	0.25
Toluene	0.0050	N.D.	N.D.	38	N.D.	N.D.	0.59
Ethyl Benzene	0.0050	N.D.	N.D.	14	N.D.	N.D.	0.15
Total Xylenes	0.0050	0.0087	0.031	96	0.010	N.D.	1.1
Chromatogram Pattern:		--	--	Gasoline	--	--	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	250	1.0	1.0	5.0
Date Analyzed:	4/6/95	4/6/95	4/6/95	4/6/95	4/6/95	4/9/95
Instrument Identification:	HP-2	HP-2	HP-2	HP-2	HP-4	HP-5
Surrogate Recovery, %: (QC Limits = 70-130%)	121	121	114	105	105	79

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Sequoia Analytical

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 So. Delaware Street, San Mateo	Sampled: Mar 23, 1995
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Soil	Received: Mar 24, 1995
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported: Apr 10, 1995
Attention: Dennis Royce	First Sample #:	503-1425	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 503-1425 MW5 (5)
Purgeable Hydrocarbons	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Total Xylenes	0.0050	N.D.
Chromatogram Pattern:		--

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	4/6/95
Instrument Identification:	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	102

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Sequoia Analytical

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Kaprealian Engineering, Inc.
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Dennis Royce

Client Project ID: Unocal #6390, 402 So. Delaware Street, San Mateo
Matrix: Solid
QC Sample Group: 5031419-25
Reported: Apr 11, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A. Tuzon	A. Tuzon	A. Tuzon	A. Tuzon
MS/MSD Batch#:	5031425	5031425	5031425	5031425
Date Prepared:	4/6/95	4/6/95	4/6/95	4/6/95
Date Analyzed:	4/6/95	4/6/95	4/6/95	4/6/95
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg
Matrix Spike % Recovery:	98	103	110	110
Matrix Spike Duplicate % Recovery:	113	118	125	127
Relative % Difference:	14	14	13	14
LCS Batch#:	1LCS040695	1LCS040695	1LCS040695	1LCS040695
Date Prepared:	4/6/95	4/6/95	4/6/95	4/6/95
Date Analyzed:	4/6/95	4/6/95	4/6/95	4/6/95
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	113	115	125	125
% Recovery Control Limits:	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

UNOCAL 76

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600
☐ 1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600
☐ 18939 120th Ave., N.E., Suite 101 • Bothell, WA 98011 • (206) 481-9200
☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

Company Name: Kaprealian Engineering, Inc.	Project Name: 402 So. Delaware Street, San Mateo
Address: 2401 Stanwell Drive, Suite 400	UNOCAL Project Manager: Mr. Dave Camille
City: Concord State: CA Zip Code: 94520	Release #:
Telephone: (510) 602-5100 FAX #: (510) 687-0602	Site #: 6390
Report To: Dennis Sampler: Tom Seeliger	QC Data: ☒ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

Turnaround Time: ☒ 10 Work Days ☐ 5 Work Days ☐ 3 Work Days ☐ 2 Work Days ☐ 1 Work Day ☐ 2-8 Hours

CODE: ☐ Misc. ☒ Detect. ☐ Eval. ☐ Remed. ☐ Demol. ☐ Closure

☐ Drinking Water ☐ Waste Water ☒ Other

Analyses Requested: TPH-G, BTEX

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #	TPH-G	BTEX								Comments
1. MW4(5)	3/23/95	soil	1	tube		X	X		502119						
2. MW4(10)									502120						
3. MW4(15)									502121						
4. MW5(9.5)									502122						
5. MW5(11)									502123						
6. MW5(16)									502124						
7. MW5(5)									502125						
8.															
9.															
10.															

Relinquished By: [signature]	Date: 3-24-95	Time: 0835	Received By: [signature]	Date: 3-24-95	Time: 0835
Relinquished By: [signature]	Date: 3-24-95	Time: 0850	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab: RJ Kelley	Date: 3/24/95	Time: 0850

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment _____ Page __ of __

To be completed upon receipt of report:

1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed?
2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? ---

Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
Yellow - Laboratory
White - Laboratory

15

GeoStrategies

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
MAR 18 1996
RECEIVED

LETTER REPORT
OIL/WATER SEPARATOR ABANDONMENT

at

Unocal Service Station No. 6390
402 South Delaware Street
San Mateo, California

2000.01

Prepared for

Unocal Corporation
P.O. Box 2390
Brea, California 92622-2390

Prepared by

GeoStrategies
6747 Sierra Court, Suite G
Dublin, California 94568

Barbara Sieminski
Project Geologist

Stephen J. Carter
Project Geologist
R.G. 5577

REGISTERED GEOLOGIST
STEPHEN J. CARTER
No. 5577
STATE OF CALIFORNIA

March 1, 1996

March 1, 1996

Mr. Syed Rizvi
Unocal Corporation
Post Office Box 2390
Brea, California 92622-2390

Subject: Oil/Water Separator Abandonment at Unocal Service Station No. 6390, 402 South Delaware Street, San Mateo, California.

Mr. Rizvi:

This report was prepared by GeoStrategies (GSI) and summarizes field activities and chemical analytical data associated with the abandonment of an oil/water separator performed in January 1996 at the above referenced site. Excavation and abandonment work described in this report was performed by Gettler-Ryan Inc. (G-R) of Dublin, California. Field work was performed to comply with Regional Water Quality Control Board (RWQCB) - San Francisco Bay Region and San Mateo County Department of Health Services (SMCDHS) guidelines.

FIELD PROCEDURES

The site is occupied by an Unocal Service Station with five pump islands, an underground storage tank complex, and a station building with two repair bays. Currently the station is being reconstructed. The 2.0 by 4.0 by 2.5-foot deep oil/water separator is located in the southern repair bay as shown on Figure 1.

G-R bailed the contents of the separator into a 55-gallon steel drum. The separator and the lube bay drain pipes were steam cleaned, the rinsate bailed into drums, and the inside surfaces of the separator wiped dry with absorbent pads. The concrete bottom of the separator was then broken out with a jackhammer to allow for collection of a soil sample.

Soil Sampling

Soil sample OWS-S-4.5 was collected by a GSI geologist on January 12, 1996, from beneath the oil/water separator. Ms. Sabrina Mih of the SMCDHS was present at the site to observe sample collection. A hand auger was used to remove soil from beneath the concrete bottom of the inflow box. The soil beneath the separator consisted of orange brown silty sand. A hand-driven soil sampler, fitted with a stainless steel sample tube, was used to collect the soil sample. Soil sample OWS-S-4.5 was collected at a depth of approximately 4.5 feet below ground surface. The sample location is shown on Figure 1. After removing the sample from the sampling device, both ends were covered with teflon sheeting and sealed with plastic end caps. The sample was then labelled, placed in a cooler with blue ice, entered on a chain-of-custody form, and transported to McCampbell Analytical Inc. (McCampbell), a State-certified environmental laboratory located in Pacheco, California (ELAP # 1644).

Backfilling

After receiving laboratory analytical results for the soil sample, G-R backfilled the former oil/water separator with clean base rock to approximately four inches below ground surface. Concrete was then placed on top of the base rock in the separator and in the drain pipes, and finished even with the lube bay floor.

Waste Disposal

Liquid and solid wastes generated during the oil/water separator cleaning and abandonment were disposed by H & H Environmental Services of San Francisco, California. Waste manifest is presented in Attachment A.

ANALYSIS AND RESULTS

Soil sample OWS-S-4.5 was analyzed for total petroleum hydrocarbons as gasoline (TPHg) and gasoline constituents benzene, toluene, ethylbenzene and xylenes (BTEX) using Environmental Protection Agency (EPA) Methods 5030/modified 8015/8020; total petroleum hydrocarbons as diesel (TPHd) using EPA Methods modified 8015/3550; oil and grease (O&G) using

Standard Method (SM) 5520 D/E&F; chlorinated hydrocarbons (Cl-HCs) using EPA Method 8010; and the metals cadmium, chromium, nickel, lead and zinc using EPA Methods 6010/200.7.

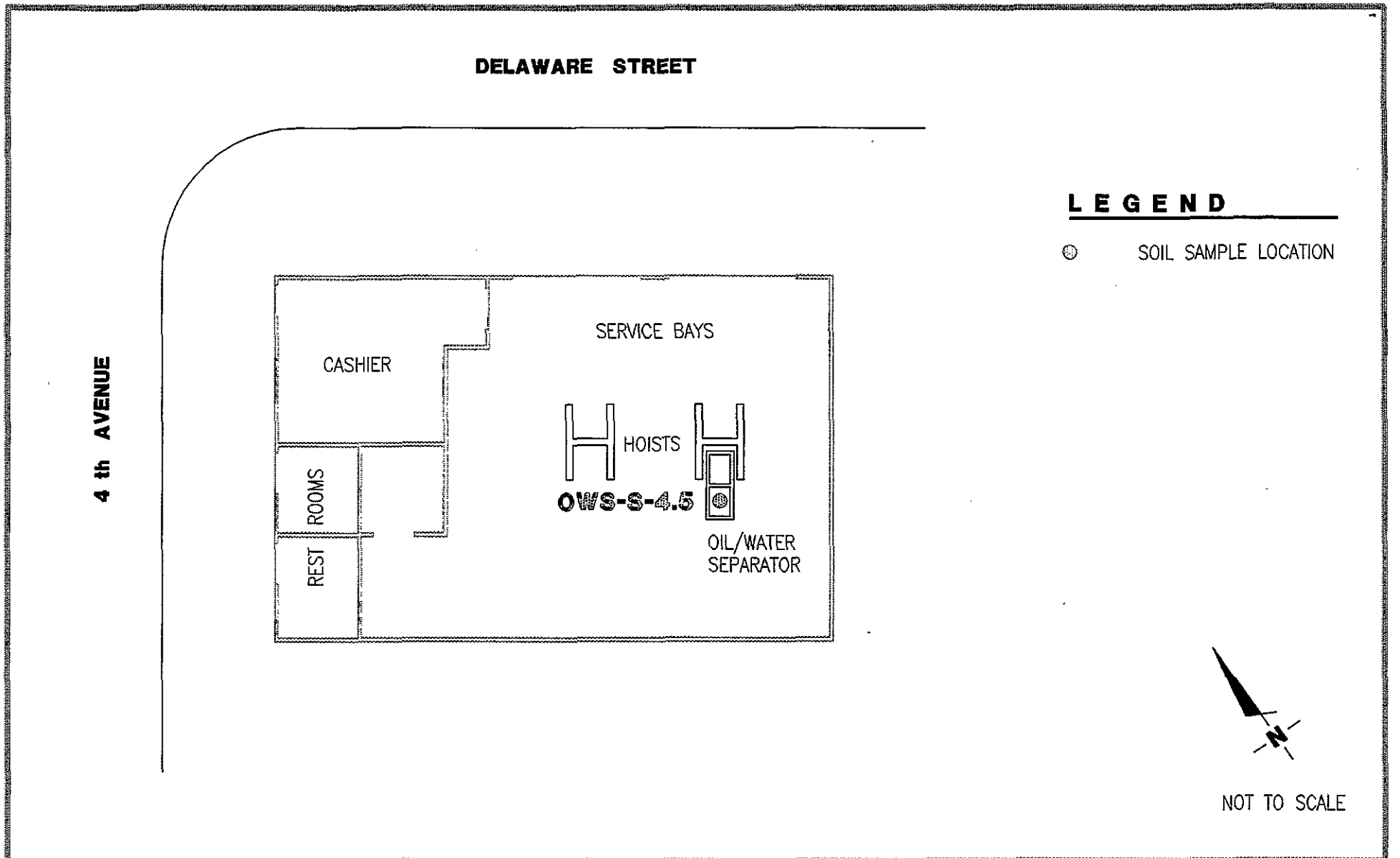
Laboratory analytical results for soil sample OWS-S-4.5 indicated nondetectable concentrations of TPHg, benzene, ethylbenzene, O&G, VOCs and cadmium. Toluene, xylenes and TPHd were detected in this sample at concentrations of 0.006 parts per million (ppm), 0.009 ppm, and 1.5 ppm, respectively. Chromium, lead, nickel and zinc were detected at concentrations of 160 ppm, 12 ppm, 99 ppm and 69 ppm, respectively. These metal concentrations are below their respective current Total Threshold Limit Concentrations (TTLCs) as presented in Title 22 of the California Code of Regulations. The McCampbell chemical analytical report and completed chain-of-custody form are presented in Attachment B.

If you have questions, please call us at (510) 551-8777.

Figure 1. Oil/Water Separator Sampling Plan

Attachment A: Waste Manifest
Attachment B: McCampbell Chemical Analytical Report and Chain-of-Custody Form

FIGURES



Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

OIL/WATER SEPARATOR SAMPLING PLAN
UNOCAL Service Station #6390
402 South Delaware Street
San Mateo, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
2000.01		March, 1996	

ATTACHMENT A

WASTE MANIFEST

California—Environmental Protection Agency
Approved OMB No. 2050-0039 (Expires 9-30-96)
Print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD982052712 | Manifest Document No.: 9041 13 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
UNOCAL CORPORATION
2000 Crow Canyon Road, San Ramon, CA. 94583

4. Generator's Phone (510) 277-2334 Atten: Bill Buerster

A. State Manifest Document Number: 95590413

B. State Generator's ID: HYHQ36-00800 1

5. Transporter 1 Company Name: H & H SHIP SERVICE COMPANY | 6. US EPA ID Number: CAD004771168

C. State Transporter's ID: 600948

D. Transporter's Phone: (415) 543-4835

7. Transporter 2 Company Name: Enviro Pur West Corp. | 8. US EPA ID Number: CAT080011059

E. State Transporter's ID: 603249

F. Transporter's Phone: (800) 874-4444

9. Designated Facility Name and Site Address
ENVIROPUR WEST CORPORATION
1835 East 29th Street
Signal Hill, CA. 90806
10. US EPA ID Number: CAT080011059

G. State Facility's ID: CAT080011059

H. Facility's Phone: (310) 595-7431

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE LIQUID	002	DM	00110	G	State 223 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
OIL, SLUDGE AND WATER
PQS # 960072

K. Handling Codes for Wastes Listed Above
a. | b. | c. | d.

15. Special Handling Instructions and Additional Information
JOB #16484 P.O. #2000.01 JOB SITE: UNOCAL STATION #6390
24 Hr. Emergency Contact: H & H #(415) 543-4835 402 So. DELAWARE STREET
APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR. SAN MATEO, CALIFORNIA

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Chris Gotico		01	19	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOSE J. MORENO	Jose J Moreno	01	19	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Armando Gonzalez	Armando Gonzalez	01	18	96

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

8022A (1/95)
8022

ATTACHMENT B

McCAMPBELL CHEMICAL ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

01/19/96

Dear Barbara:

Enclosed are:

1). the results of **1** samples from your **Unocal SS # 6390; Job # 2000.01** project,

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

GeoStrategies Inc. 6747 Sierra Ct. Suite G Dublin, CA 94568	Client Project ID: Unocal SS # 6390; Job # 2000.01	Date Sampled: 01/12/96
		Date Received: 01/12/96
	Client Contact: Barbara Sieminski	Date Extracted: 01/12/96
	Client P.O:	Date Analyzed: 01/13/96

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
60485	OWS-S-4.5	S	ND	ND	0.006	ND	0.009	108
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

GeoStrategies Inc. 6747 Sierra Ct. Suite G Dublin, CA 94568	Client Project ID: Unocal SS # 6390; Job # 2000.01	Date Sampled: 01/12/96
		Date Received: 01/12/96
	Client Contact: Barbara Sieminski	Date Extracted: 01/12/96
	Client P.O:	Date Analyzed: 01/12/96

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	% Recovery Surrogate
60485	OWS-S-4.5	S	1.5,g	103
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water samples are reported in ug/L, soil samples in mg/kg, and all TCLP and STLC extracts in mg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

GeoStrategies Inc. 6747 Sierra Ct. Suite G Dublin, CA 94568	Client Project ID: Unocal SS # 6390; Job # 2000.01	Date Sampled: 01/12/96
		Date Received: 01/12/96
	Client Contact: Barbara Sieminski	Date Extracted: 01/14/96
	Client P.O:	Date Analyzed: 01/14/96

Petroleum Oil & Grease (with Silica Gel Clean-up) *

EPA methods 413.1, 9070 or 9071; Standard Methods 5520 D/E&F or 503 D&E for solids and 5520 B&F or 503 A&E for liquids

Lab ID	Client ID	Matrix	Oil & Grease*
60485	OWS-S-4.5	S	ND
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	5 mg/L
		S	50 mg/kg

* water samples are reported in mg/L and soils in mg/kg

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

GeoStrategies Inc. 6747 Sierra Ct. Suite G Dublin, CA 94568	Client Project ID: Unocal SS # 6390; Job # 2000.01	Date Sampled: 01/12/96
		Date Received: 01/12/96
	Client Contact: Barbara Sieminski	Date Extracted: 01/12/96
	Client P.O:	Date Analyzed: 01/12/96

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	60485			
Client ID	OWS-S-4.5			
Matrix				
Compound	Concentration*			
Bromodichloromethane	ND			
Bromoform(b)	ND			
Bromomethane	ND			
Carbon Tetrachloride(c)	ND			
Chlorobenzene	ND			
Chloroethane	ND			
2-Chloroethyl Vinyl Ether(d)	ND			
Chloroform (e)	ND			
Chloromethane	ND			
Dibromochloromethane	ND			
1,2-Dichlorobenzene	ND			
1,3-Dichlorobenzene	ND			
1,4-Dichlorobenzene	ND			
Dichlorodifluoromethane	ND			
1,1-Dichloroethane	ND			
1,2-Dichloroethane	ND			
1,1-Dichloroethene	ND			
cis 1,2-Dichloroethene	ND			
trans 1,2-Dichloroethene	ND			
1,2-Dichloropropane	ND			
cis 1,3-Dichloropropene	ND			
trans 1,3-Dichloropropene	ND			
Methylene Chloride(f)	ND			
1,1,2,2-Tetrachloroethane	ND			
Tetrachloroethene	ND			
1,1,1-Trichloroethane	ND			
1,1,2-Trichloroethane	ND			
Trichloroethene	ND			
Trichlorofluoromethane	ND			
Vinyl Chloride(g)	ND			
% Recovery Surrogate	116			
Comments				

* water and vapor samples are reported in ug/L, soil samples in ug/kg and all TCLP extracts in ug/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L; soil, ND< 5ug/kg

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

GeoStrategies Inc. 6747 Sierra Ct. Suite G Dublin, CA 94568	Client Project ID: Unocal SS # 6390; Job # 2000.01	Date Sampled: 01/12/96
		Date Received: 01/12/96
	Client Contact: Barbara Sieminski	Date Extracted: 01/12/96
	Client P.O:	Date Analyzed: 01/13/96

LUFT Metals*

EPA analytical methods 6010/200.7, 239.2+

Lab ID	Client ID	Matrix	Extraction°	Cadmium	Chromium	Lead	Nickel	Zinc	% Rec. Surrogate
60485	OWS-S-4.5	S	TTLC	ND	160	12	99	69	94
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		S	TTLC	0.5 mg/kg	0.5	3.0	2.0	1.0	
		W	TTLC	0.01 mg/L	0.005	0.005	0.02	0.01	
		---	STLC,TCLP	0.01 mg/L	0.05	0.2	0.05	0.05	

* soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

+ Lead is analysed using EPA method 6010 (ICP)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

i) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/13/96 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#56725)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	1.913	1.940	2.03	94	96	1.4
Benzene	0.000	0.194	0.202	0.2	97	101	4.0
Toluene	0.000	0.206	0.218	0.2	103	109	5.7
Ethylbenzene	0.000	0.208	0.216	0.2	104	108	3.8
Xylenes	0.000	0.630	0.658	0.6	105	110	4.3
TPH (diesel)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/11/96-01/12/96 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#56725)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	1.906	1.770	2.03	94	87	7.4
Benzene	0.000	0.186	0.186	0.2	93	93	0.0
Toluene	0.000	0.192	0.190	0.2	96	95	1.0
Ethylbenzene	0.000	0.192	0.190	0.2	96	95	1.0
Xylenes	0.000	0.562	0.562	0.6	94	94	0.0
TPH (diesel)	0	307	310	300	102	103	1.1
TRPH (oil & grease)	0.0	19.9	22.3	20.8	96	107	11.4

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/14/96 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#56725)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.036	2.030	2.03	100	100	0.3
Benzene	0.000	0.206	0.208	0.2	103	104	1.0
Toluene	0.000	0.218	0.220	0.2	109	110	0.9
Ethylbenzene	0.000	0.216	0.220	0.2	108	110	1.8
Xylenes	0.000	0.656	0.666	0.6	109	111	1.5
TPH (diesel)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRPH (oil & grease)	0.0	25.0	26.4	29.6	84	89	5.4

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 01/11/96-01/12/96 Matrix: Water

Analyte	Concentration (ug/L) Sample (#59973)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
1,1-DCE	0.0	9.5	9.8	10.0	95	98	3.1
Trichloroethene	0.0	9.9	10.8	10.0	99	108	8.7
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0.0	9.8	9.7	10.0	98	97	1.0
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR AA METALS

Date: 01/13/96 Matrix: Soil

Analyte	Concentration (mg/kg, mg/L)			Amount	% Recovery		RPD
	Sample	MS	MSD	Spiked	MS	MSD	
Total Lead	0.0	5.8	5.8	5	115	115	0.2
Total Cadmium	0.0	5.8	5.8	5	116	116	0.0
Total Chromium	0.0	5.6	5.6	5	113	113	0.1
Total Nickel	0.0	5.6	5.6	5	113	113	0.2
Total Zinc	0.0	5.7	5.6	5	114	113	0.9
STLC Nickel	0.00	5.48	5.56	5.0	110	111	1.3
Organic Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

UNOCAL 76

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600
☐ 1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600
☐ 18939 120th Ave., N.E., Suite 101 • Bothell, WA 98011 • (206) 481-9200
☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

4065X6 #5628

Company Name: GeoStrategies	Project Name: Unocal SS #6390, Job #2000.01
Address: 6747 Sierra Court, Suite G	UNOCAL Project Manager: Bob Boust
City: Dublin State: CA Zip Code: 94568	Release #:
Telephone: (510) 551-7555 FAX #: (510) 551-8777	Site #: 6390
Report To: B. Sieminski Sampler: B. Sieminski	QC Data: ☑ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

Turnaround Time: ☐ 10 Work Days ☐ 5 Work Days ☐ 3 Work Days ☐ 2 Work Days ☑ 1 Work Day ☐ 2-8 Hours

CODE: ☐ Misc. ☐ Detect. ☑ Eval. ☐ Remed. ☐ Demol. ☐ Closure

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #	TPH gas/BTEX	TPH diesel	EPA 8010	O&G SM5520EF	Metals Cd, Cr, Ni, Zn, Pb					Comments
1. OWS-S-4.5	01/12/96	Soil	1	2" tube		X	X	X	X	X					60485
2.															
3.															
4.															
5.															
6.			VOAS	O&G	METALS	OTHER									
7. ICE/T° ✓		PRESERVATIVE													
8. GOOD CONDITION ✓		APPROPRIATE													
9. HEAD SPACE ABSENT ✓		CONTAINERS ✓													
10.															

Relinquished By: Barbara Sieminski	Date: 01/12/96	Time: 15:05	Received By: [illegible]	Date: 1-12-96	Time: 3:05PM
Relinquished By: [illegible]	Date: 1-12-96	Time: 3:55	Received By: [illegible]	Date: 1-12-96	Time:
Relinquished By: [illegible]	Date: 1-12-96	Time: 5:35	Received By Lab: [illegible]	Date: 1/12/96	Time: 5:35PM

Were Samples Received in Good Condition? ☑ Yes ☐ No Samples on Ice? ☑ Yes ☐ No Method of Shipment courier Page __ of __

To be completed upon receipt of report:

1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed? _____

2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? _____

Approved by: _____ Signature: _____ Company: _____ Date:

Pink - Client

Yellow - Laboratory

White - Laboratory

KAPREALIAN ENGINEERING
INCORPORATED

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
APR 1 1996
RECEIVED

16

KEI-P92-0801.R7
March 13, 1996

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. David J. Camille

RE: Continuing Subsurface Investigation at
Unocal Service Station #6390
402 So. Delaware Street
San Mateo, California

Dear Mr. Camille:

This report presents the results of Kaprealian Engineering, Inc's. (KEI) most recent subsurface investigation at the referenced site, in accordance with KEI's proposal (KEI-P92-0801.P4) dated August 10, 1995. The purpose of the investigation was to further determine the extent of the dissolved hydrocarbon plume in the ground water in the vicinity of the site. The scope of the work performed by KEI consisted of the following:

Coordination with regulatory agencies

Installation of three GeoProbe ground water sample points

Ground water sampling

Delivery of ground water samples (including properly executed Chain of Custody documentation) to a California-certified analytical laboratory for laboratory analyses

Data analyses, interpretation, and report preparation

SITE DESCRIPTION AND BACKGROUND

The subject site contains an operating Unocal service station facility, and is located on the southwest corner of the intersection of 4th Avenue and South Delaware Street in San Mateo, California. The site occupies flat terrain and is situated approximately one mile from the present day shoreline of San Francisco Bay. A Location Map is attached to this report. Detailed background information and hydrogeologic conditions are presented in KEI's report (KEI-P92-0801.R5) dated May 11, 1995. The most recent and historical ground water analytical results are presented in MPDS Services, Inc's. Quarterly Data Report (MPDS-UN6390-03) dated January 16, 1996.

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

RECENT FIELD ACTIVITIES

On February 14, 1996, three ground water sample points (designated as SP1, SP2, and SP4 on the attached Figure 1) were installed in the vicinity of the subject site.

The three ground water sample points were completed by the use of a GeoProbe small diameter, hydraulically-driven drill rig. The sample points were completed to a total depth of 13 feet below grade. During drilling, ground water was encountered at a depth of approximately 10.5 feet below grade at each sample point. Soil samples were not collected during drilling.

Sample point SP3 was abandoned after three attempts due to the presence of underground utilities. Sample point SP5 was not installed after the field screening of samples collected from SP1 and SP2 indicated non-detectable levels of hydrocarbons.

After the water samples were collected, neat cement was used to seal the borings. Neat cement was placed from the bottom of each boring to the surface in one continuous pour by the use of a tremie pipe. A hardening agent was used for the upper 1 to 2 feet of the borings to reduce curing time.

ANALYTICAL RESULTS

All ground water samples were analyzed at Sequoia Analytical Laboratory in Walnut Creek, California, and were accompanied by properly executed Chain of Custody documentation. Water samples from SP1, SP2, and SP4 were analyzed for total petroleum hydrocarbons (TPH) as gasoline by EPA method 5030/modified 8015, and benzene, toluene, ethylbenzene, and xylenes by EPA method 8020.

The results of the water analyses are summarized in Table 1. Copies of the laboratory analyses and the Chain of Custody documentation are attached to this report.

HYDROLOGY

During recent drilling activities, ground water was encountered in exploratory borings SP1, SP2, and SP4 at a depth of approximately 10.5 feet below the surface.

DISCUSSION

Based on the analytical results of the ground water samples collected during the most recent study, it appears that ground water in the area southwest of the vicinity of the site (SP1 and

SP2) has not been impacted by hydrocarbons. However, the sample taken from SP4 contained relatively low levels of dissolved-phase hydrocarbons. The source of these hydrocarbons is unclear due to the proximity of Jiffy Lube (former Shell station), where a separate ground water investigation is being conducted.

DISTRIBUTION

A copy of this report should be sent to the San Mateo County Department of Health Services, and to the Regional Water Quality Control Board, San Francisco Bay Region.

LIMITATIONS

Soil deposits and rock formations may vary in thickness, lithology, saturation, strength and other properties across any site. In addition, environmental changes, either naturally-occurring or artificially-induced, may cause changes in ground water levels and flow paths, thereby changing the extent and concentration of any contaminants. Our studies assume that the field and laboratory data are reasonably representative of the site as a whole, and assume that subsurface conditions are reasonably conducive to interpolation and extrapolation.

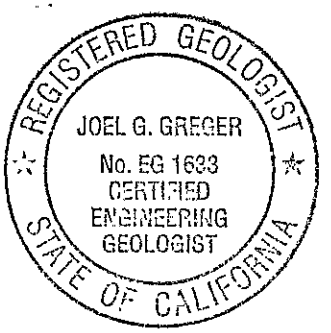
The results of this study are based on the data obtained from the field and laboratory analyses obtained from a state-certified laboratory. We have analyzed this data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either expressed or implied, regarding the above, including laboratory analyses, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

Should you have any questions on this report, please call me at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Thomas E. Seeliger
Staff Geologist



Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. EG 1633
Exp. Date 8/31/96

Timothy R. Ross
General Manager

/jad

Attachments: Table 1
Location Map
Figure 1
Laboratory Analyses
Chain of Custody documentation

KEI-P92-0801.R7
March 13, 1996

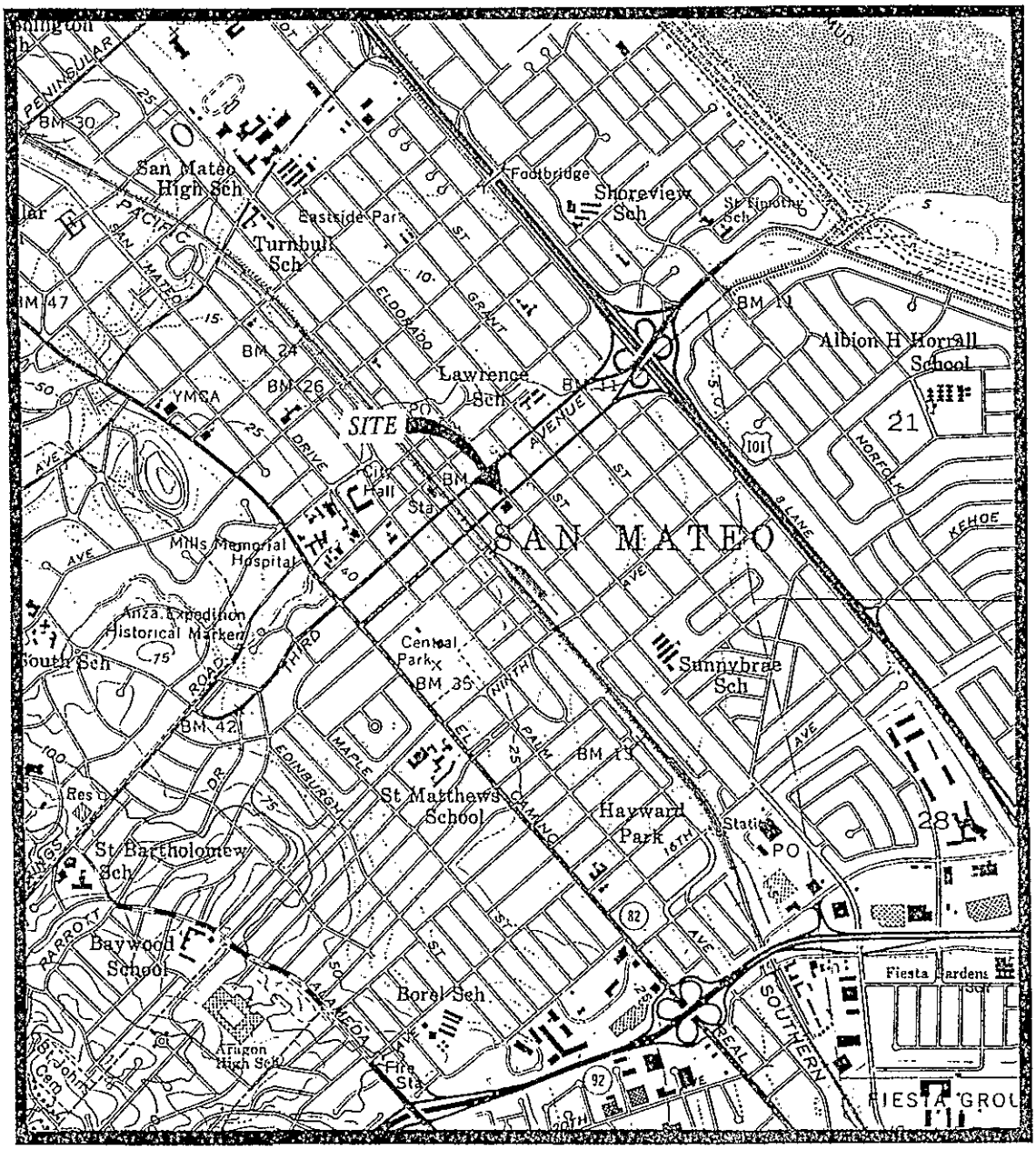
TABLE 1

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample Number	TPH as Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
2/14/96	SP1	ND	ND	ND	ND	ND
	SP2	ND	ND	ND	ND	ND
	SP4	450	71	ND	6.7	17

NOTE: Water samples were collected during drilling. The results of the analyses may not be representative of formation water, and should be used for comparative informational purposes only.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

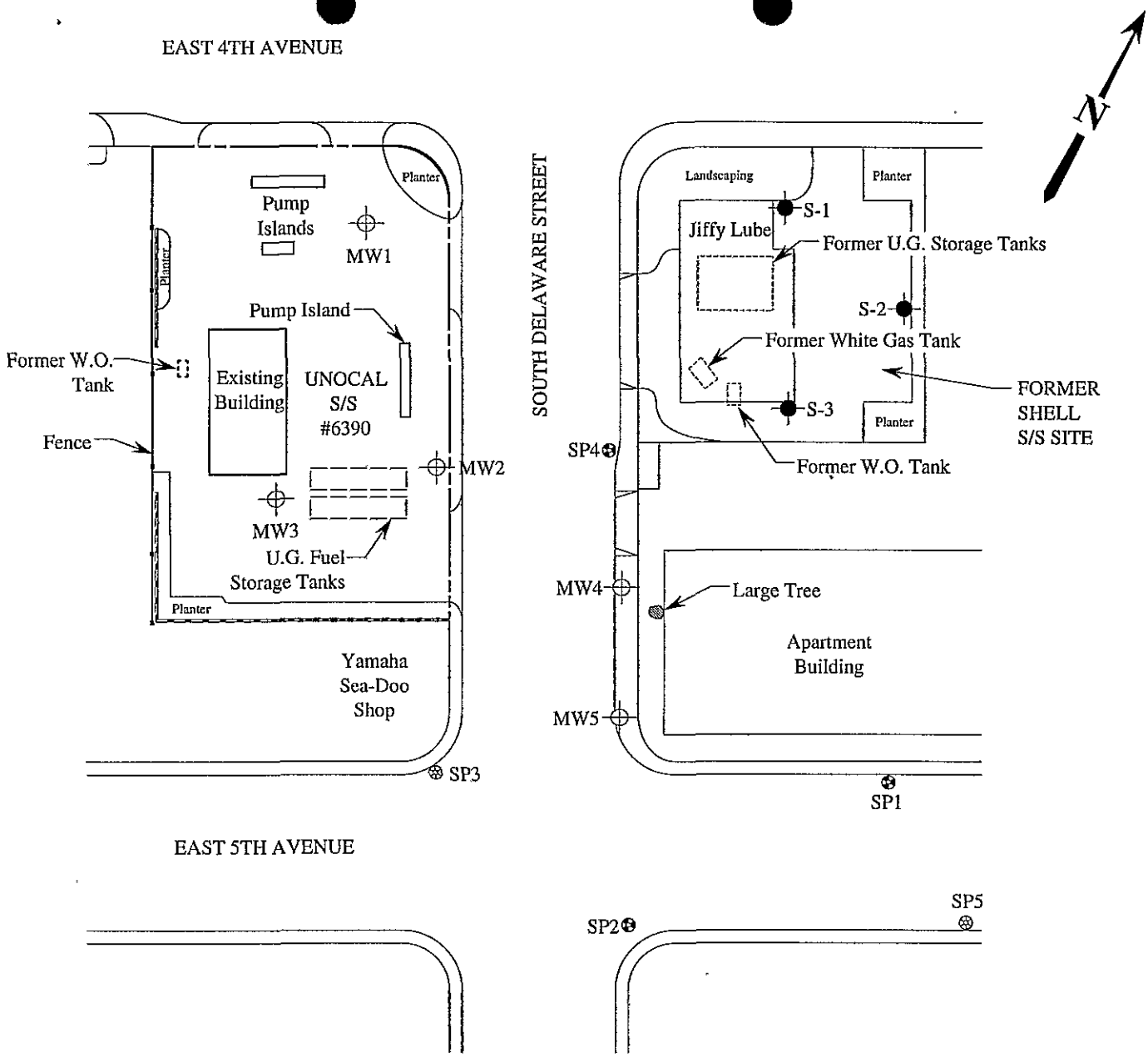


Base modified from 7.5 minute U.S.G.S. CITY Quadrangle
(photorevised 1980)

0 2000 4000

Approx. scale feet

KAPREALIAN ENGINEERING INCORPORATED	UNOCAL SERVICE STATION #6390 402 SOUTH DELAWARE STREET SAN MATEO, CALIFORNIA	LOCATION MAP



LEGEND

- Monitoring well (existing)
- Monitoring well (by others)
- Ground water sampling point (existing)
- Ground water sampling point (not completed)

0 60 120

Approx. scale feet

GROUND WATER SAMPLING POINT LOCATION MAP

KAPREALIAN ENGINEERING INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

FIGURE
1

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
4 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kaprealian Engineering, Inc.	Client Project ID:	Unocal #6390, 402 So. Delaware St., San Mateo	Sampled:	Feb 14, 1996
2401 Stanwell Dr., Ste. 400	Sample Matrix:	Water	Received:	Feb 15, 1996
Concord, CA 94520	Analysis Method:	EPA 5030/8015 Mod./8020	Reported:	Feb 29, 1996
Attention: Dennis Royce	First Sample #:	602-1168		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 602-1168 SP-1	Sample I.D. 602-1169 SP-2	Sample I.D. 602-1170 SP-4
Purgeable Hydrocarbons	50	N.D.	N.D.	450
Benzene	0.50	N.D.	N.D.	71
Toluene	0.50	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	6.7
Total Xylenes	0.50	N.D.	N.D.	17
Chromatogram Pattern:		--	--	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	4.0
Date Analyzed:	2/27/96	2/27/96	2/28/96
Instrument Identification:	HP-5	HP-5	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	93	92	99

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

6021168.KEI <1>

Sequoia Analytical
[illegible]0 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
[illegible]4 N. Wiget Lane, Walnut Creek, CA 94598, [illegible]10) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kaprealian Engineering, Inc.
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Dennis Royce

Client Project ID: Unocal #6390, 402 So. Delaware St., San Mateo
Matrix: Liquid
QC Sample Group: 6021168-170
Reported: Feb 29, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	L. Huang	L. Huang	L. Huang	L. Huang
MS/MSD Batch#:	6021282	6021282	6021282	6021282
Date Prepared:	2/27/96	2/27/96	2/27/96	2/27/96
Date Analyzed:	2/27/96	2/27/96	2/27/96	2/27/96
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Matrix Spike % Recovery:	90	90	90	93
Matrix Spike Duplicate % Recovery:	90	85	90	90
Relative % Difference:	0.0	5.7	0.0	3.6
LCS Batch#:	3LCS022796	3LCS022796	3LCS022796	3LCS022796
Date Prepared:	2/27/96	2/27/96	2/27/96	2/27/96
Date Analyzed:	2/27/96	2/27/96	2/27/96	2/27/96
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5
LCS % Recovery:	100	95	100	100
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

[illegible] Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
[illegible] N. Wiget Lane, Walnut Creek, CA 94598, [illegible]) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Kaprealian Engineering, Inc.
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Dennis Royce

Client Project ID: Unocal #6390, 402 So. Delaware St., San Mateo
Matrix: Liquid
QC Sample Group: 6021168-170
Reported: Mar 1, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	L. Huang	L. Huang	L. Huang	L. Huang
MS/MSD Batch#:	6021491	6021491	6021491	6021491
Date Prepared:	2/28/96	2/28/96	2/28/96	2/28/96
Date Analyzed:	2/28/96	2/28/96	2/28/96	2/28/96
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Matrix Spike % Recovery:	85	90	85	88
Matrix Spike Duplicate % Recovery:	95	100	95	98
Relative % Difference:	11	11	11	11
LCS Batch#:	2LCS022896	2LCS022896	2LCS022896	2LCS022896
Date Prepared:	2/28/96	2/28/96	2/28/96	2/28/96
Date Analyzed:	2/28/96	2/28/96	2/28/96	2/28/96
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
LCS % Recovery:	85	90	85	92
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

UNOCAL 76

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (415) 364-9600 ☐ 18939 120th Ave., N.E., Suite 101 • Bothell, WA 98011 • (206) 481-9200
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 ☐ East 11115 Montgomery, Suite B • Spokane, WA 99206 • (509) 924-9200
☐ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (510) 988-9600 ☐ 15055 S.W. Sequoia Pkwy, Suite 110 • Portland, OR 97222 • (503) 624-9800

Company Name: Kaprealian Engineering Inc.	Project Name: 402 South Delaware Street, San Mateo
Address: 2401 Stanwell Drive, Suite 400	UNOCAL Project Manager: Mr. David J. Camille
City: Concord State: CA Zip Code: 94520	Release #:
Telephone: (510) 602-5100 FAX #: (510) 687-0602	Site #: 6390
Report To: Dennis Sampler: Tom Seeliger	QC Data: ☒ Level D (Standard) ☐ Level C ☐ Level B ☐ Level A

Turnaround Time: ☒ 10 Work Days ☐ 5 Work Days ☐ 3 Work Days ☐ 2 Work Days ☐ 1 Work Day ☐ 2-8 Hours

CODE: ☐ Misc. ☑ Detect. ☐ Eval. ☐ Remed. ☐ Demol. ☐ Closure

☐ Drinking Water ☐ Waste Water ☒ Other

Analyses Requested

	Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Laboratory Sample #	TPH-G	BTEX	Comments
1.	SP1	2/14/96	water	2	VOA	6021168	X	X	
2.	SP2	↓	↓	↓	↓	6021169	↓	↓	
3.	SP4	↓	↓	↓	↓	6021170	↓	↓	
4.						A,B			
5.									
6.									
7.									
8.									
9.									
10.									

Relinquished By: Tom Seeliger	Date:	Time:	Received By: Ralf Bairuto	Date: 2/15/96	Time: 10:55
Relinquished By: Ralf Bairuto	Date: 2/15/96	Time: 1730	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab: Kein Mekarla	Date: 2/15/96	Time: 17:30

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☐ Yes ☐ No Method of Shipment_____ Page __ of __

To be completed upon receipt of report:

1) Were the analyses requested on the Chain of Custody reported? ☐ Yes ☐ No If no, what analyses are still needed? _____

2) Was the report issued within the requested turnaround time? ☐ Yes ☐ No If no, what was the turnaround time? _____

Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client

Yellow - Laboratory

White - Laboratory

KAPREALIAN ENGINEERING
INCORPORATED

KEI-J92-0801.R1
November 24, 1992

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. Tim Howard

RE: Soil Sampling Report
Unocal Service Station #6390
402 South Delaware Street
San Mateo, California

Dear Mr. Howard:

This report summarizes the soil sampling performed by Kaprealian Engineering, Inc. (KEI) at the referenced site. All work was performed in compliance with the guidelines established by the Regional Water Quality Control Board (RWQCB) and the San Mateo County Department of Health Services (SMCDHS).

The scope of the work performed by KEI consisted of the following:

Coordination with regulatory agencies

Collection of soil samples from beneath the fuel and waste oil storage tanks, from the sidewalls of the fuel tank pit excavation, and from beneath the product pipe trenches and dispensers

Collection of one ground water sample from the fuel storage tank pit

Delivery of soil and water samples, including proper Chain of Custody documentation, to a certified analytical laboratory

Technical review and preparation of this report

SITE DESCRIPTION AND BACKGROUND

The subject site contains a Unocal service station facility. A Location Map and a Site Plan are attached to this report. No previous subsurface work performed at the site is known to KEI.

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

FIELD ACTIVITIES

KEI's initial field work was conducted on August 5, 1992, when one 12,000 gallon regular unleaded gasoline storage tank and one 12,000 gallon super unleaded gasoline storage tank were removed from the site. The tanks were made of fiberglass, and no apparent holes or cracks were observed in the regular unleaded gasoline tank. However, the super unleaded gasoline tank had a nine-inch long crack located near the east end of the tank. Tank removal and soil sampling were performed in the presence of Ms. Sabrina Mih of the SMCDHS. Mr. Jorge Gomar of the SMCDHS was also present during tank removal.

Two soil samples, labeled A1 and B1, were collected from beneath the west ends of the fuel tanks at depths of about 15 feet below grade. Two soil samples, labeled A2(22) and B2(18), were collected from beneath the east ends of the fuel tanks at depths of approximately 22 feet and 18 feet below grade, respectively. Due to obvious soil contamination observed beneath the east ends of the fuel tanks and per the request of Ms. Mih, two soil samples, labeled SW1 and SW2, were collected from the south and east sidewalls of the fuel tank pit at depths of approximately 15 feet below grade. The undisturbed soil samples were collected from bulk material excavated by backhoe. Soil samples were placed in clean, two-inch diameter brass tubes, sealed with aluminum foil, plastic caps and tape, labeled, and then stored in a cooled ice chest for delivery to a state-certified laboratory. Sample point locations are as shown on the attached Site Plan.

KEI returned to the site on August 11, 1992, when one 550 gallon waste oil storage tank was removed from the site. The tank was made of steel, and two holes of 3/16 inch in diameter were observed in the tank. Mr. Gomar was present during tank removal. One soil sample, labeled WO1, was collected from beneath the waste oil tank at a depth of about 8 feet below grade. In addition, six soil samples, labeled P1 through P6, were collected from beneath the product pipe trenches at depths of approximately 3 feet below grade. The samples were collected and handled as previously described. Sample point locations are as shown on the attached Site Plan. Soil sampling was performed in the presence of Ms. Mih.

On August 21, 1992, the east side of the fuel tank pit was additionally excavated to a depth of approximately 22 feet below grade (over an area of about 30 feet by 27 feet). Ground water was observed at a depth of about 21 feet below grade. In an attempt to define the extent of existing soil contamination in the vicinity of the sidewalls, three additional soil samples, labeled SW1(2.5), SW2(2.5), and SW3, were collected from the sidewalls of the additionally excavated fuel tank pit at depths of approximately 16

likely ~21

feet below grade. The samples were also collected from bulk material excavated by backhoe and handled as described above. Ms. Mih was present during excavation and soil sampling activities. Sample point locations are shown on the attached Site Plan. Excavated soil was stockpiled on-site and sampled prior to disposal. After the soil sampling was completed, approximately 1,000 gallons of contaminated ground water (with floating product and heavy sheen) were pumped from the fuel tank pit.

On August 25, 1992, an additional 4,800 gallons of ground water were pumped from the fuel tank pit. One water sample, labeled W1, was then collected from the fuel tank pit in four clean glass VOA vials and one-liter amber bottles. The water sample was also stored as described above.

KEI returned to the site on October 22, 1992, in order to collect soil samples from beneath the former product dispensers prior to the new piping installation. Three soil samples, labeled D1, D2, and D3, were collected at depths of about 7 feet below grade. These samples were also collected and handled as previously described. Sample point locations are shown on the attached Site Plan.

SUBSURFACE CONDITIONS

The subsurface soils exposed in the excavations consisted primarily of clayey silt to the maximum depth explored (approximately 22 feet below grade). However, the subsurface soils exposed in the waste oil tank pit excavation consisted primarily of silt with some gravel. Ground water was encountered in the fuel tank pit at a depth of about 21 feet below grade. likely <21 fbg

ANALYTICAL RESULTS

All samples were analyzed by Sequoia Analytical Laboratory in Concord, California, and were accompanied by properly executed Chain of Custody documentation. Samples from the fuel tank pit were analyzed for total petroleum hydrocarbons (TPH) as gasoline by EPA method 5030/modified 8015, and benzene, toluene, xylenes, and ethylbenzene (BTX&E) by EPA method 8020. The sample from the waste oil tank pit was analyzed for TPH as gasoline, TPH as diesel by EPA method 3550/modified 8015, BTX&E, total oil and grease (TOG) by Standard Methods 5520E&F, EPA method 8010 constituents, and the metals cadmium, chromium, lead, nickel, and zinc. The sidewall soil sample SW3 and the water sample W1 (collected from the fuel tank pit) were analyzed for TPH as gasoline, TPH as diesel, and BTX&E. The water sample was also analyzed for organic lead by the California Luft Manual procedure.

The analytical results of the soil samples (A1 and B1) collected from beneath the west end of the fuel tank pit excavation indicated concentrations of TPH as gasoline at 33 ppm and 20 ppm, respectively. Samples A2 and B2, collected from beneath the east end of the fuel tank pit excavation, showed concentrations of TPH as gasoline at 480 ppm and 5,000 ppm, respectively. The analytical results of the initial soil samples (SW1 and SW2) collected from the sidewalls of the fuel tank pit indicated concentrations of TPH as gasoline at 980 ppm and 1,100 ppm, respectively. However, following the additional 2.5 feet lateral excavation of the fuel tank pit sidewalls, the additional sidewall soil samples showed concentrations of TPH as gasoline ranging from non-detectable to 16 ppm. TPH as diesel was detected in sample SW3 at a concentration of 5.9 ppm.

The analytical results of the soil samples collected from beneath the product dispensers and piping trenches indicated non-detectable concentrations of TPH as gasoline and BTX&E.

The analytical results of the soil sample collected from beneath the waste oil tank showed non-detectable concentrations of TPH as gasoline, TPH as diesel, BTX&E, TOG, and all EPA method 8010 constituents, except for tetrachloroethene, which was detected at a concentration of 6.4 ppb. The results of the soil analyses are summarized in Tables 1 and 2. The analytical results of the water sample (W1) collected from the fuel tank pit (after purging a total of 5,800 gallons of ground water) indicated concentrations of TPH as gasoline and TPH as diesel at 50,000 ppb and 28,000 ppb, respectively, and benzene at 1,200 ppb. The results of the water analyses are summarized in Table 3. Copies of the laboratory analyses and the Chain of Custody documentation are attached to this report.

DISCUSSION AND RECOMMENDATIONS

Based upon the analytical results of the soil samples collected to date, it appears that the majority of the contaminated soil has been excavated and removed in the vicinity of the pump islands, the product piping trenches, the waste oil tank pit, and the western portion of the fuel tank pit. Contaminated soil was also excavated and removed in the eastern portion of the fuel tank pit to a depth of 22 feet below grade, where ground water was encountered. Free product and a heavy sheen was detected on the ground water within the eastern portion of the tank pit. The eastern end of the super unleaded tank was observed to contain a nine-inch long crack during the removal of this tank.

Therefore, based on the analytical results of the soil and ground water samples collected to date, and in accordance with the

guidelines established by the RWQCB, further work is warranted at the site because of the levels of contamination found in the soil and water samples collected from the eastern portion of the fuel tank pit. To comply with the requirements of the RWQCB and the SMCDHS, KEI recommends the installation of three monitoring wells at the site in order to begin to define the extent of the soil and ground water contamination, and to determine the ground water flow direction. Our work plan/proposal for this work is attached for your review and consideration.

DISTRIBUTION

A copy of this report should be sent to Ms. Sabrina Mih of the SMCDHS, and to the RWQCB, San Francisco Bay Region.

LIMITATIONS

Soil deposits and rock formations may vary in thickness, lithology, saturation, strength and other properties across any site. In addition, environmental changes, either naturally-occurring or artificially-induced, may cause changes in the extent and concentration of any contaminants. Our studies assume that the field and laboratory data are reasonably representative of the site as a whole, and assume that subsurface conditions are reasonably conducive to interpolation and extrapolation.

The results of this study are based on the data obtained from the field and laboratory analyses obtained from a state-certified laboratory. We have analyzed this data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either expressed or implied, regarding the above, including laboratory analyses, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

Should you have any questions regarding this report, please feel free to call at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Hagop Kevork
Staff Engineer

Thomas J. Berkins
Senior Environmental Engineer

Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. 1633
Exp. Date 6/30/94

Timothy R. Ross
Project Manager

\jad

Attachments: Tables 1, 2 & 3
Location Map
Site Plan
Laboratory Analyses
Chain of Custody documentation
Work Plan/Proposal

KEI-J92-0801.R1
November 24, 1992

TABLE 1

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample	Depth (feet)	TPH as Gasoline	Benzene	Toluene	Xylenes	Ethyl-benzene
8/05/92	A1	15	33	0.63	2.4	4.5	0.65
	B1	15	20	0.58	2.3	2.7	0.40
	A2(22)	22	480	6.7	41	61	9.2
	B2(18)	18	5,000	47	470	790	120
	SW1	15	980	11	90	160	23
	SW2	15	1,100	14	130	200	34
8/11/92	P1	3	ND	ND	ND	ND	ND
	P2	3	ND	ND	ND	ND	ND
	P3	3	ND	ND	ND	ND	ND
	P4	3	ND	ND	ND	ND	ND
	P5	3	ND	ND	ND	ND	ND
	P6	3	ND	ND	ND	ND	ND
	WO1	8	ND	ND	ND	ND	ND
8/21/92	SW1(2.5)	16	5.6	0.0097	0.049	0.23	0.024
	SW2(2.5)	16	ND	ND	ND	ND	ND
	SW3*	16	16	0.017	0.081	0.39	0.051
10/22/92	D1	7	ND	ND	ND	ND	ND
	D2	7	ND	ND	ND	ND	ND
	D3	7	ND	ND	ND	ND	ND

* TPH as diesel was detected at a concentration of 5.9 ppm.

ND = Non-detectable.

Results in parts per million (ppm), unless otherwise indicated.

KEI-J92-0801.R1
November 24, 1992

TABLE 2

SUMMARY OF LABORATORY ANALYSES
SOIL

Date	Sample	Depth (feet)	TPH as Diesel	Cadmium	Chromium	Lead	Nickel	Zinc	TOG
8/11/92	WO1*	8	ND	1.1	67	6.0	73	44	ND

* All EPA method 8010 constituents were non-detectable, except for tetrachloroethene, which was detected at a concentration of 6.4 ppb.

ND = Non-detectable.

Results in parts per million (ppm), unless otherwise indicated.

KEI-J92-0801.R1
November 24, 1992

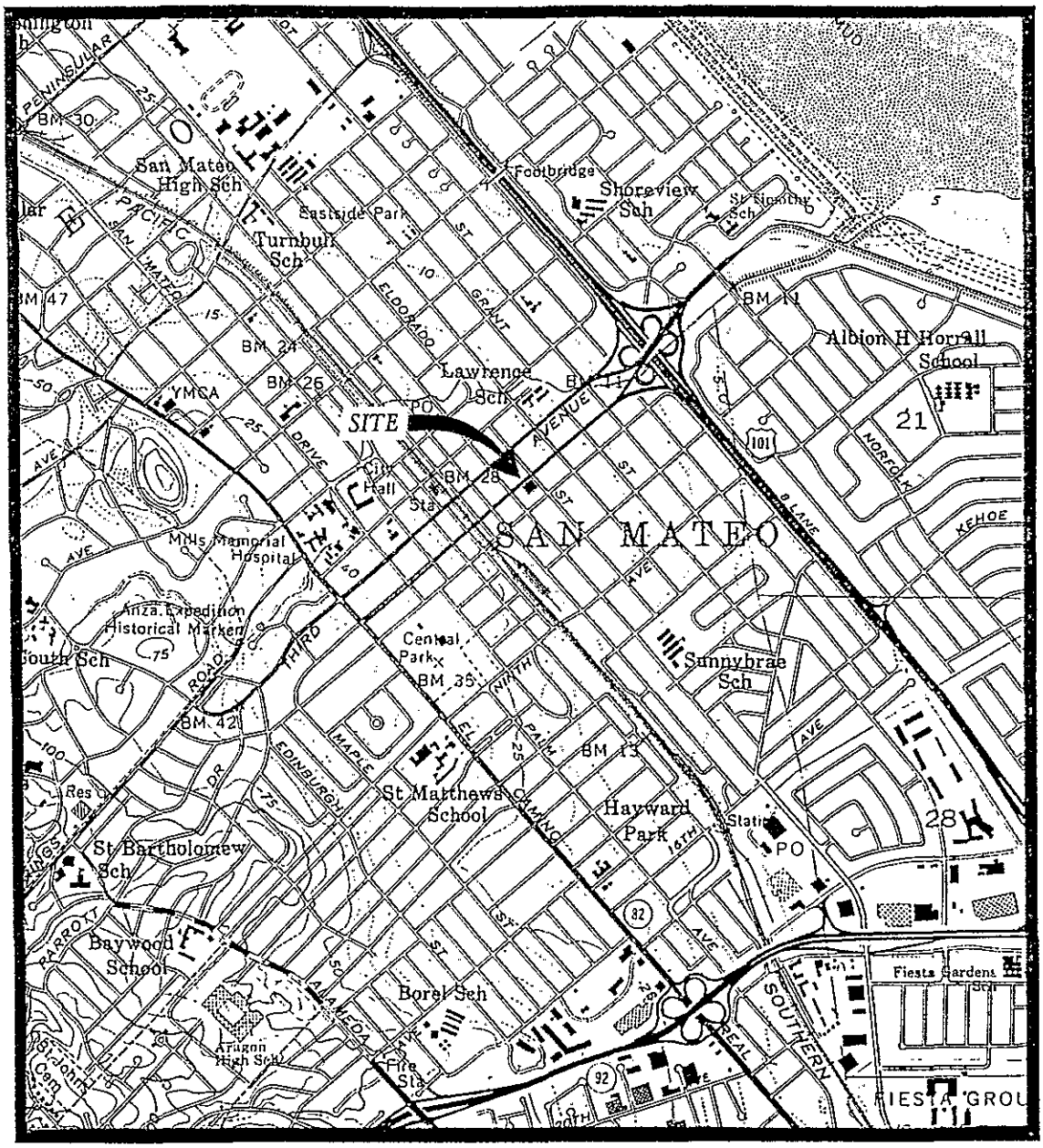
TABLE 3

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample	TPH as Diesel	TPH as Gasoline	Benzene	Toluene	Xylenes	Ethyl-benzene
8/25/92	W1*	28,000	50,000	1,200	6,700	10,000	1,400

* Organic lead was non-detectable.

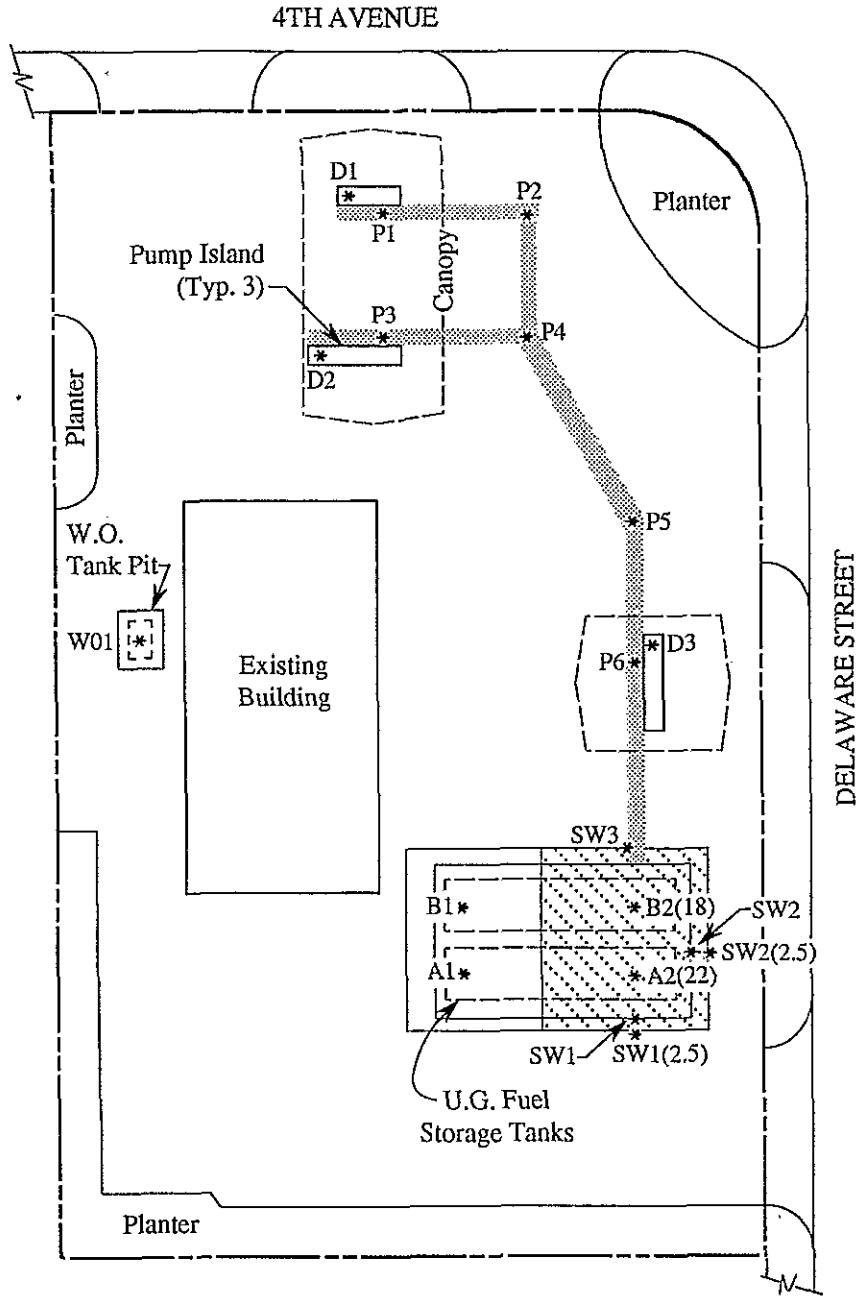
Results in parts per billion (ppb), unless otherwise indicated.



KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

LOCATION MAP



LEGEND

* Sample point location

Area excavated to a depth of ≈ 22 feet

0 30 60

Approx. scale feet

KAPREALIAN ENGINEERING
INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

SITE
PLAN

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 5, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 5, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 7, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0179		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0179 A1	Sample I.D. 208-0180 A2 (22)	Sample I.D. 208-0181 B1	Sample I.D. 208-0182 B2 (18)	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	33	480	20	5000	
Benzene	0.005	0.63	6.7	0.58	47	
Toluene	0.005	2.4	41	2.3	470	
Ethyl Benzene	0.005	0.65	9.2	0.40	120	
Total Xylenes	0.005	4.5	61	2.7	790	
Chromatogram Pattern:		Gasoline	Gasoline	Gasoline	Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	5.0	50	10	500	1.0
Date Analyzed:	8/5/92	8/5/92	8/5/92	8/5/92	8/5/92
Instrument Identification:	HP-4	HP-4	HP-4	HP-2	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	98	94	95	112	107

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

for Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kapreallan Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kapreallan, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 2080179-182
Reported: Aug 7, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	A.P.	A.P.	A.P.	A.P.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 5, 1992	Aug 5, 1992	Aug 5, 1992	Aug 5, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.43	0.45	0.46	1.4
Matrix Spike % Recovery:	108	112	115	116
Conc. Matrix Spike Dup.:	0.42	0.44	0.45	1.4
Matrix Spike Duplicate % Recovery:	105	110	112	116
Relative % Difference:	2.3	2.2	2.2	0.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\%\ \text{Recovery:} = \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$$

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig
WITNESSING AGENCY:
SITE NAME & ADDRESS: Unocal - San Mateo, 402 S. Delaware Str.
TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	ANALYSES REQUESTED: TPH-D	BTXE						REMARKS
A1	8/5/92		✓		✓		1	Fuel Tank Pit	✓	✓	208	0	179			Please Fax
A2(22)	"		✓		✓		1	"	✓	✓			180			
B1	"		✓		✓		1	"	✓	✓			181			
B2(18)	"		✓		✓		1	"	✓	✓			182			

Relinquished by: (Signature)	Date/Time: 8-5-92 5:45pm	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N
4. Were samples in appropriate containers and properly packaged? Y

ABC — Signature; Title; 8-5-92 — Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510 602.5100 Fax: 510 687.0602

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 5, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 5, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 7, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0183		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0183 SW 1	Sample I.D. 208-0184 SW 2	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	980	1100	
Benzene	0.005	11	14	
Toluene	0.005	90	130	
Ethyl Benzene	0.005	23	34	
Total Xylenes	0.005	160	200	
Chromatogram Pattern:		Gasoline	Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	500	50	1.0
Date Analyzed:	8/5/92	8/5/92	8/5/92
Instrument Identification:	HP-2	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	106	122	107

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Karen Cushon

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL
1900 Bates Avenue • Suite LM • Concord, California 94520
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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 2080183-184
Reported: Aug 7, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	A.P.	A.P.	A.P.	A.P.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 5, 1992	Aug 5, 1992	Aug 5, 1992	Aug 5, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.4	0.4	0.4	1.2
Conc. Matrix Spike:	0.43	0.45	0.46	1.4
Matrix Spike % Recovery:	108	112	115	116
Conc. Matrix Spike Dup.:	0.42	0.44	0.45	1.4
Matrix Spike Duplicate % Recovery:	105	110	112	116
Relative % Difference:	2.3	2.2	2.2	0.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\%\ \text{Recovery:} = \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$$

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Str.

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH	BTEX						REMARKS
SW1	8/5/92		✓		✓		1	Fuel Tank Pit Sidewall	✓	✓	2080			183		Please Fax
SW2	8/5/92		✓		✓		1	↓	✓	✓		↓		184		

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	8-5-92 5:45PM	[signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? ✓
2. Will samples remain refrigerated until analyzed? ✓
3. Did any samples received for analysis have head space? No
4. Were samples in appropriate containers and properly packaged? ✓

ABK — Signature; [signature] — Title; 8-5-92 — Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510 602.5100 Fax: 510 687.0602

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 12, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0289		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0289 P1	Sample I.D. 208-0290 P2	Sample I.D. 208-0291 P3	Sample I.D. 208-0292 P4	Sample I.D. 208-0293 P5	Sample I.D. 208-0294 P6
Purgeable Hydrocarbons	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--	--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	8/11/92	8/11/92	8/11/92	8/11/92	8/11/92	8/11/92
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	98	101	102	101	100	103

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 12, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	Matrix Blank		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	
Benzene	0.005	
Toluene	0.005	
Ethyl Benzene	0.005	
Total Xylenes	0.005	

Chromatogram Pattern:

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	8/11/92
Instrument Identification:	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	108

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 2080289-294
Reported: Aug 12, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	A.T.	A.T.	A.T.	A.T.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 11, 1992	Aug 11, 1992	Aug 11, 1992	Aug 11, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.38	0.39	0.39	1.2
Matrix Spike % Recovery:	95	98	98	100
Conc. Matrix Spike Dup.:	0.38	0.38	0.38	1.2
Matrix Spike Duplicate % Recovery:	95	95	98	100
Relative % Difference:	0.0	2.6	0.0	0.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Hoag

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Street

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH D	BTEX						REMARKS
P1	8/11/92		✓		✓		1	Product Pipe Trench	✓	✓	2080	2081	2089			Please Fax Results
P2			✓		✓		1		✓	✓			290			
P3			✓		✓		1		✓	✓			291			
P4			✓		✓		1		✓	✓			292			
P5			✓		✓		1		✓	✓			293			
P6			✓		✓		1		✓	✓		✓	294			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	8-11-92 5:00pm	[signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

[signature] — Signature; F.S. — Title; 8-11-92 — Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 18, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0295		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0295 WO1	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	N.D.	
Benzene	0.005	N.D.	
Toluene	0.005	N.D.	
Ethyl Benzene	0.005	N.D.	
Total Xylenes	0.005	N.D.	
Chromatogram Pattern:		--	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Analyzed:	8/11/92	8/11/92
Instrument Identification:	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	101	108

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 3550/8015	Reported:	Aug 18, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0295		

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0295 WO1	Sample I.D. Matrix Blank
Extractable Hydrocarbons	1.0	N.D.	
Chromatogram Pattern:		--	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Extracted:	8/13/92	8/13/92
Date Analyzed:	8/14/92	8/14/92
Instrument Identification:	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Matrix Descript:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	SM 5520 E&F (Gravimetric)	Extracted:	Aug 12, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0295	Analyzed:	Aug 13, 1992
			Reported:	Aug 18, 1992

TOTAL RECOVERABLE PETROLEUM OIL

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)
208-0295	WO1	N.D.

Detection Limits:	30

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil, WO1	Received:	Aug 11, 1992
Concord, CA 94520			Extracted:	Aug 14, 1992
Attention: Mardo Kapreallan, P.E.	Lab Number:	208-0295	Analyzed:	8/17 - 8/18/92
			Reported:	Aug 18, 1992

LABORATORY ANALYSIS

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Cadmium	0.50	1.1
Chromium	0.25	67
Lead	0.25	6.0
Nickel	2.5	73
Zinc	0.50	44

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil, WO1	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8010	Analyzed:	Aug 12, 1992
Attention: Mardo Kaprealian, P.E.	Lab Number:	208-0295	Reported:	Aug 18, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	6.4
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Scott A. Chieffo
Project Manager

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 208-0295
Reported: Aug 18, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Oil and Grease
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	SM5520
Analyst:	A.T.	A.T.	A.T.	A.T.	K.Wimer	D. Newcomb
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 11, 1992	Aug 11, 1992	Aug 11, 1992	Aug 11, 1992	Aug 14, 1992	Aug 13, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	10	5000
Conc. Matrix Spike:	0.38	0.39	0.39	1.2	10	4400
Matrix Spike % Recovery:	95	98	98	100	104	88
Conc. Matrix Spike Dup.:	0.38	0.38	0.38	1.2	9.6	4000
Matrix Spike Duplicate % Recovery:	95	95	98	100	96	80
Relative % Difference:	0.0	2.6	0.0	0.0	8.0	8.0

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 208-0295
Reported: Aug 18, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Cadmium	Chromium	Lead	Nickel	Zinc
Method:	EPA 7130	EPA 7191	EPA 7421	EPA 7520	EPA 7950
Analyst:	K.V.S.	K.V.S.	K.V.S.	K.V.S.	K.V.S.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 17, 1992	Aug 17, 1992	Aug 17, 1992	Aug 18, 1992	Aug 18, 1992
QC Sample #:	208-0295	208-0295	208-0295	208-0295	208-0295
Sample Conc.:	1.1	67	6.0	73	44
Spike Conc. Added:	50	50	50	50	50
Conc. Matrix Spike:	54	120	52	120	100
Matrix Spike % Recovery:	106	106	92	94	112
Conc. Matrix Spike Dup.:	52	120	54	130	99
Matrix Spike Duplicate % Recovery:	102	106	96	114	110
Relative % Difference:	3.8	0.0	4.2	19	1.8

Laboratory Blank contained the following analytes: None detected.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

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Kaprealian Engineering, Inc. Client Project ID: Unocal, 402 S. Delaware St., San Mateo
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E. QC Sample Group: 208-0295 Reported: Aug 18, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	K.Nill	K.Nill	K.Nill
Reporting Units:	µg/kg	µg/kg	µg/kg
Date Analyzed:	Aug 12, 1992	Aug 12, 1992	Aug 12, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10
Conc. Matrix Spike:	8.1	8.7	8.3
Matrix Spike % Recovery:	81	87	83
Conc. Matrix Spike Dup.:	8.5	9.3	8.7
Matrix Spike Duplicate % Recovery:	85	93	87
Relative % Difference:	4.8	6.7	4.7

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.
Laboratory Blank contained the following analytes: None detected.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

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Kaprealian Engineering, Inc. Client Project ID: Unocal, 402 S. Delaware St., San Mateo
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E. QC Sample Group: 208-0295 Reported: Aug 18, 1992

QUALITY CONTROL DATA REPORT

SURROGATE

Method:	EPA 8015	EPA 8015
Analyst:	K. Wimer	K. Wimer
Reporting Units:	mg/kg	mg/kg
Date Analyzed:	Aug 14, 1992	Aug 14, 1992
Sample #:	208-0295	Matrix Blank
Surrogate % Recovery:	107	111

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 208-0295
Reported: Aug 18, 1992

QUALITY CONTROL DATA REPORT

SURROGATE

Method:	EPA 8010	EPA 8010
Analyst:	K. Nill	K. Nill
Reporting Units:	µg/kg	µg/kg
Date Analyzed:	Aug 12, 1992	Aug 12, 1992
Sample #:	208-0295	Matrix Blank
Surrogate #1 % Recovery:	81	80
Surrogate #2 % Recovery:	118	121

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo, 4025 Delaware Street

TURN AROUND TIME: ONE WEEK

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-D	BTEX	TPH-G	TOG	8010	CAM 17 Metals		REMARKS
W01	8/11/92		✓		✓		1	Waste Oil Tank Pit	✓	✓	✓	✓	✓	✓		2080295

Relinquished by: (Signature) [signature]	Date/Time 8-11-92 5:00	Received by: (Signature) [signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

[signature] (Signature) F.S. (Title) 8-11-92 (Date)

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

SEQUOIA ANALYTICAL

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Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 21, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 21, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 25, 1992
Attention: Mardo Kapreallan, P.E.	First Sample #:	208-0952		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0952 SW1 (2.5)	Sample I.D. 208-0953 SW2 (2.5)	Sample I.D. 208-0954 SW3	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	5.6	N.D.	16	
Benzene	0.005	0.0097	N.D.	0.017	
Toluene	0.005	0.049	N.D.	0.081	
Ethyl Benzene	0.005	0.024	N.D.	0.051	
Total Xylenes	0.005	0.23	N.D.	0.39	
Chromatogram Pattern:		Gasoline	--	Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	2.0	1.0
Date Analyzed:	8/24/92	8/24/92	8/24/92	8/24/92
Instrument Identification:	HP-2	HP-4	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	100	105	102	92

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 2080952-954
Reported: Aug 25, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	A.T.	A.T.	A.T.	A.T.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Aug 24, 1992	Aug 24, 1992	Aug 24, 1992	Aug 24, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.36	0.37	0.36	1.2
Matrix Spike % Recovery:	90	93	90	97
Conc. Matrix Spike Dup.:	0.38	0.39	0.38	1.2
Matrix Spike Duplicate % Recovery:	95	98	95	103
Relative % Difference:	5.4	5.3	5.4	5.9

Laboratory Blank contained the following analytes: None detected.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\%\ \text{Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$$

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER Hardy

WITNESSING AGENCY

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Street

ANALYSES REQUESTED: TPH-D; TPH-G BTEX; 2080952

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-D	TPH-G BTEX	2080	REMARKS
SW1(2.5)	8/21/92		✓		✓		1	Fuel Tank Pit	✓	✓	952	Please Fax
SW2(2.5)			✓		✓		1		✓	✓	953	
SW3			✓		✓		1		✓	✓	954	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Geoffrey Kelly	8/21/92 2200	Jerry Hardy
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? yes
2. Will samples remain refrigerated until analyzed? yes
3. Did any samples received for analysis have head space? NO
4. Were samples in appropriate containers and properly packaged? yes

Signature — Title: analyst — Date: 8/21/92

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Concord, California 94520
Tel: 510 602-5100 Fax: 510 687-0602

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St.,	Sampled:	Aug 21, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil San Mateo	Relogged:	Aug 25, 1992
Concord, CA 94520	Analysis Method:	EPA 3550/8015	Reported:	Aug 28, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	#2080954		

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. #2080954 SW3	Sample I.D. Matrix Blank
Extractable Hydrocarbons	1.0	5.9	
Chromatogram Pattern:		Diesel and Non-Diesel Mixture (<C14, >C22)	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Extracted:	8/25/92	8/25/92
Date Analyzed:	8/26/92	8/26/92
Instrument Identification:	HP-3B	HP-3B

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: #2080954
Reported: Aug 28, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	
	Diesel

Method:	EPA8015
Analyst:	K.Wimer
Reporting Units:	mg/kg
Date Analyzed:	Aug 26, 1992
QC Sample #:	Matrix Blank

Sample Conc.:	N.D.
Spike Conc. Added:	10
Conc. Matrix Spike:	9.8
Matrix Spike % Recovery:	98
Conc. Matrix Spike Dup.:	9.4
Matrix Spike Duplicate % Recovery:	94
Relative % Difference:	4.2

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

SEQUOIA ANALYTICAL

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: #2080954
Reported: Aug 28, 1992

QUALITY CONTROL DATA REPORT

SURROGATE

Method:	EPA 8015	EPA 8015
Analyst:	K. Wimer	K. Wimer
Reporting Units:	mg/kg	mg/kg
Date Analyzed:	Aug 26, 1992	Aug 26, 1992
Sample #:	208-0954	Matrix Blank
Surrogate % Recovery:	114	122

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

MPLER Hal'G

TNESSING AGENCY

SITE NAME & ADDRESS: Unocal - San Mateo, 402 S. Delaware Street

ANALYSES REQUESTED: TPH-D; BTEX III; 8010 8020 952

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-D	BTEX III	8010 8020 952	REMARKS
SW1(2.5)	8/21/92		✓		✓		1	Fuel Tank Pit	✓	✓	952	Please Fax
SW2(2.5)	↓		✓		✓		1	↓	✓	✓	953	
SW3	↓		✓		✓		1	↓	✓	✓	954	

Relinquished by: (Signature)	Date/Time 8/21/92 2200	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? yes
2. Will samples remain refrigerated until analyzed? yes
3. Did any samples received for analysis have head space? WD
4. Were samples in appropriate containers and properly packaged? yes

Signature — analyst Title — 8/21/92 Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510 687 0602

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St.,	Sampled:	Aug 21, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil San Mateo	Relogged:	Aug 25, 1992
Concord, CA 94520	Analysis Method:	EPA 3550/8015	Reported:	Aug 28, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	#2080954		

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. #2080954 SW3	Sample I.D. Matrix Blank
Extractable Hydrocarbons	1.0	5.9	
Chromatogram Pattern:		Diesel and Non-Diesel Mixture (<C14, >C22)	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Extracted:	8/25/92	8/25/92
Date Analyzed:	8/26/92	8/26/92
Instrument Identification:	HP-3B	HP-3B

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL

1900 Bates Avenue • Suite LM • Concord, California 94520
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Kaprealian Engineering, Inc. Client Project ID: Unocal, 402 S. Delaware St., San Mateo
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E. QC Sample Group: #2080954 Reported: Aug 28, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel
Method:	EPA8015
Analyst:	K.Wimer
Reporting Units:	mg/kg
Date Analyzed:	Aug 26, 1992
QC Sample #:	Matrix Blank
Sample Conc.:	N.D.
Spike Conc. Added:	10
Conc. Matrix Spike:	9.8
Matrix Spike % Recovery:	98
Conc. Matrix Spike Dup.:	9.4
Matrix Spike Duplicate % Recovery:	94
Relative % Difference:	4.2

Laboratory blank contained the following analytes: None Detected

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

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Kaprealian Engineering, Inc. Client Project ID: Unocal, 402 S. Delaware St., San Mateo
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E. QC Sample Group: #2080954 Reported: Aug 28, 1992

QUALITY CONTROL DATA REPORT

SURROGATE

Method:	EPA 8015	EPA 8015
Analyst:	K. Wimer	K. Wimer
Reporting Units:	mg/kg	mg/kg
Date Analyzed:	Aug 26, 1992	Aug 26, 1992
Sample #:	208-0954	Matrix Blank
Surrogate % Recovery:	114	122

SEQUOIA ANALYTICAL

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Project Manager

% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Hal'y
WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Street

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	ANALYSES REQUESTED: TPH	BTEX						REMARKS
SW1(2.5)	8/21/92		✓		✓		1	Fuel Tank Pit	✓	✓	2080952					Please Fax
SW2(2.5)			✓		✓		1		✓	✓			953			
SW3			✓		✓		1		✓	✓			954			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	8/21/92 2200	[signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? yes
2. Will samples remain refrigerated until analyzed? yes
3. Did any samples received for analysis have head space? NO
4. Were samples in appropriate containers and properly packaged? yes

[signature] (Signature) analyst (Title) 8/21/92 (Date)

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510 602.5100 Fax: 510 687.0602

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1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 Delaware St., San Mateo	Sampled:	Oct 22, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Oct 22, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Oct 23, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	210-0696		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 210-0696 D1	Sample I.D. 210-0697 D2	Sample I.D. 210-0698 D3	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	N.D.	N.D.	N.D.	
Benzene	0.005	N.D.	N.D.	N.D.	
Toluene	0.005	N.D.	N.D.	N.D.	
Ethyl Benzene	0.005	N.D.	N.D.	N.D.	
Total Xylenes	0.005	N.D.	N.D.	N.D.	
Chromatogram Pattern:		--	--	--	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0
Date Analyzed:	10/22/92	10/22/92	10/22/92	10/22/92
Instrument Identification:	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	102	101	100	103

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Project Manager

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 Delaware St., San Mateo
QC Sample Group: 2100696-698
Reported: Oct 23, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020
Analyst:	J.F.	J.F.	J.F.	J.F.
Reporting Units:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Date Analyzed:	Oct 22, 1992	Oct 22, 1992	Oct 22, 1992	Oct 22, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2
Conc. Matrix Spike:	0.38	0.40	0.40	1.3
Matrix Spike % Recovery:	95	100	100	108
Conc. Matrix Spike Dup.:	0.38	0.39	4.0	1.3
Matrix Spike Duplicate % Recovery:	95	98	100	106
Relative % Difference:	0.0	2.5	0.0	2.3

Laboratory blank contained the following analytes: None Detected

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Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 Delaware Str.

ANALYSES REQUESTED: TPH G; BTEX

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	REMARKS
D1	10/22/92		✓		✓		1	Beneath Dispenser	200696
D2	↓		✓		✓		1	↓	697
D3	↓		✓		✓		1	↓	698

Relinquished by: (Signature)	Date/Time 10-22-92 3:10 pm	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice?
2. Will samples remain refrigerated until analyzed?
3. Did any samples received for analysis have head space?
4. Were samples in appropriate containers and properly packaged?

ABK — Signature; SC — Title; 10-22-92 — Date

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St.		Sampled:	Aug 25, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Water	San Mateo	Received:	Aug 26, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020		Reported:	Aug 31, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1117			

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 208-1117 W-1	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	50	50,000	
Benzene	0.5	1,200	
Toluene	0.5	6,700	
Ethyl Benzene	0.5	1,400	
Total Xylenes	0.5	10,000	
Chromatogram Pattern:		Gasoline	

Quality Control Data

Report Limit Multiplication Factor:	400	1.0
Date Analyzed:	8/26/92	8/26/92
Instrument Identification:	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	99	103

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Project Manager

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St.	Sampled:	Aug 25, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Water San Mateo	Received:	Aug 26, 1992
Concord, CA 94520	Analysis Method:	EPA 3510/3520/8015	Reported:	Aug 31, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1117		

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit µg/L	Sample I.D. 208-1117 W-1	Sample I.D. Matrix Blank
Extractable Hydrocarbons	50	28000	
Chromatogram Pattern:		Diesel and Non-Diesel Mixture (<C16, >C22)	

Quality Control Data

Report Limit Multiplication Factor:	10	1.0
Date Extracted:	8/27/92	8/27/92
Date Analyzed:	8/28/92	8/28/92
Instrument Identification:	HP-3B	HP-3B

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Kaprealian Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St.	Sampled:	Aug 25, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Water San Mateo	Received:	Aug 26, 1992
Concord, CA 94520	Analysis Method:	California LUFT Manual, 12/87		
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-1117	Analyzed:	Aug 28, 1992
			Reported:	Aug 31, 1992

ORGANIC LEAD

Sample Number	Sample Description	Sample Results mg/L (ppm)
208-1117	W-1	N.D.

Detection Limits:	0.050

Analytes reported as N.D. were not present above the stated limit of detection.

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Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520
Attention: Mardo Kaprealian, P.E.

Client Project ID: Unocal, 402 S. Delaware St., San Mateo
QC Sample Group: 208-1117
Reported: Aug 31, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Diesel	Organic Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA8015	LUFT
Analyst:	A.P.	A.P.	A.P.	A.P.	K.Wimer	K.V.S.
Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
Date Analyzed:	Aug 26, 1992	Aug 26, 1992	Aug 26, 1992	Aug 26, 1992	Aug 31, 1992	Aug 28, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	208-1117
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	20	20	20	60	300	10
Conc. Matrix Spike:	20	19	20	62	319	9.6
Matrix Spike % Recovery:	100	100	100	103	106	96
Conc. Matrix Spike Dup.:	20	20	20	62	308	9.5
Matrix Spike Duplicate % Recovery:	100	100	100	103	103	95
Relative % Difference:	0.0	5.1	0.0	0.0	3.5	1.0

Laboratory blank contained the following analytes: None Detected

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Project Manager

$$\%\ \text{Recovery:} = \frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$$

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Hadi

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Str.

TURN AROUND TIME: 3 Days

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	ANALYSES REQUESTED: TPH-D	BTEX	TPH-D	Oil and Grease				REMARKS
W-1	8/25/92	5:40 pm		✓	✓		4+1	Fuel Tank Pit	✓	✓	✓	✓	208/1107	AF		Please Fax Results - Sample was collected in four VOA's and one liter amber bottle.

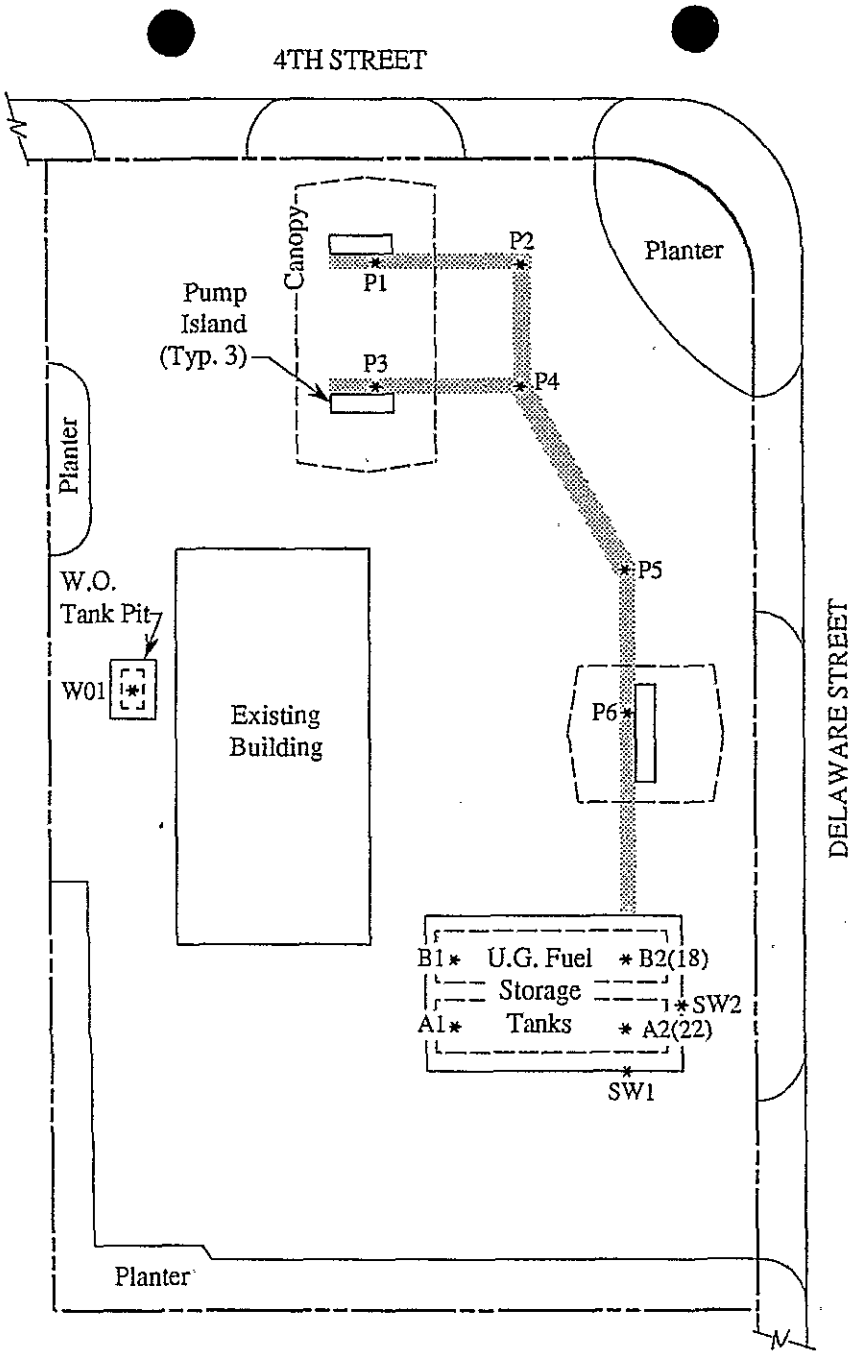
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Hadi Kellow	8/26/92 1125	Derek Newcomb
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? ✓
2. Will samples remain refrigerated until analyzed? ✓
3. Did any samples received for analysis have head space? NO
4. Were samples in appropriate containers and properly packaged? ✓

Signature: Derek Title: Courier Date: 8/26/92

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602



LEGEND

* Sample point location

0 30 60

Approx. scale feet

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INCORPORATED

UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

FIGURE
1

KEI-P92-0801.P1
August 18, 1992

TABLE 1

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample	Depth (feet)	TPH as Gasoline	Benzene	Toluene	Xylenes	Ethyl-benzene
8/05/92	A1	15	33	0.63	2.4	4.5	0.65
	B1	15	20	0.58	2.3	2.7	0.40
	A2(22)	22	480	6.7	41	61	9.2
	B2(18)	18	5,000	47	470	790	120
	SW1	15	980	11	90	160	23
	SW2	15	1,100	14	130	200	34
8/11/92	P1	3	ND	ND	ND	ND	ND
	P2	3	ND	ND	ND	ND	ND
	P3	3	ND	ND	ND	ND	ND
	P4	3	ND	ND	ND	ND	ND
	P5	3	ND	ND	ND	ND	ND
	P6	3	ND	ND	ND	ND	ND
Detection Limits			1.0	0.005	0.005	0.005	0.005

ND = Non-detectable.

Results are in parts per million (ppm), unless otherwise indicated.

NOTE: The analytical results of sample WO1 were not available at the time of preparation of this table.

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Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 12, 1992
Attention: Mardo Kaprealian, P.E.	First Sample #:	208-0289		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0289 P1	Sample I.D. 208-0290 P2	Sample I.D. 208-0291 P3	Sample I.D. 208-0292 P4	Sample I.D. 208-0293 P5	Sample I.D. 208-0294 P6
Purgeable Hydrocarbons	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--	--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	8/11/92	8/11/92	8/11/92	8/11/92	8/11/92	8/11/92
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	98	101	102	101	100	103

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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Scott A. Chieffo
Project Manager

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Hough

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal - San Mateo
402 S. Delaware Street

ANALYSES REQUESTED: TPH-G, BTEX, 8010

TURN AROUND TIME: 24 Hrs

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-G	BTEX	8010	REMARKS
P1	8/11/92		✓		✓		1	Product Pipe Trench	✓	✓	288	Please Fax Results
P2			✓		✓		1		✓	✓	290	
P3			✓		✓		1		✓	✓	291	
P4			✓		✓		1		✓	✓	292	
P5			✓		✓		1		✓	✓	293	
P6			✓		✓		1		✓	✓	294	

	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	8-11-92 5:00pm	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Yes
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

Signature | F.S. Title | 8-11-92 Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

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1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil, WO1	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8010	Analyzed:	Aug 12, 1992
Attention: Mardo Kapreallan, P.E.	Lab Number:	208-0295	Reported:	Aug 18, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	6.4
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Descript:	Soil, WO1	Received:	Aug 11, 1992
Concord, CA 94520			Extracted:	Aug 14, 1992
Attention: Mardo Kapreallan, P.E.	Lab Number:	208-0295	Analyzed:	8/17 - 8/18/92
			Reported:	Aug 18, 1992

LABORATORY ANALYSIS

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Cadmium	0.50	1.1
Chromium	0.25	67
Lead	0.25	6.6
Nickel	2.5	73
Zinc	0.50	44

Analytes reported as N.D. were not present above the stated limit of detection.

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Scott A. Chieffo
Project Manager

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Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Matrix Descript:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	SM 5520 E&F (Gravimetric)	Extracted:	Aug 12, 1992
Attention: Mardo Kapreallan, P.E.	First Sample #:	208-0295	Analyzed:	Aug 13, 1992
			Reported:	Aug 18, 1992

TOTAL RECOVERABLE PETROLEUM OIL

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)
208-0295	WO1	N.D.

Detection Limits:	30

Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager

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Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 3550/8015	Reported:	Aug 18, 1992
Attention: Mardo Kapreallan, P.E.	First Sample #:	208-0295		

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0295 WO1	Sample I.D. Matrix Blank
Extractable Hydrocarbons	1.0	N.D.	
Chromatogram Pattern:		--	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Extracted:	8/13/92	8/13/92
Date Analyzed:	8/14/92	8/14/92
Instrument Identification:	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

KAPREALIAN ENGINEERING
INCORPORATED

CHAIN OF CUSTODY

SAMPLER: Haig

WITNESSING AGENCY:

SITE NAME & ADDRESS: Unocal-San Mateo
402 S. Delaware Street

ANALYSES REQUESTED: TPH-G; BTXE; TPH-D; TOG; 8010; C.A.M. Pb, Zn, Ni

TURN AROUND TIME: ONE WEEK

SAMPLE ID NO.	DATE	TIME	SOIL	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	REMARKS
W01	8/11/92		✓		✓		1	Waste Oil Tank Pit	2080295

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	8/11/92 5:00 PM	[signature]
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

The following MUST BE completed by the laboratory accepting samples for analysis:

1. Have all samples received for analysis been stored in ice? Y
2. Will samples remain refrigerated until analyzed? Y
3. Did any samples received for analysis have head space? N/A
4. Were samples in appropriate containers and properly packaged? Y

[signature] — Signature; P.S. — Title; 8-11-92 — Date

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

SENT BY:SEQUOIA-Concord. ; 8-18-92 ; 1:55PM ; 5106870602:# 7

SEQUOIA ANALYTICAL
1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Kapreallan Engineering, Inc.	Client Project ID:	Unocal, 402 S. Delaware St., San Mateo	Sampled:	Aug 11, 1992
2401 Stanwell Drive, Suite 400	Sample Matrix:	Soil	Received:	Aug 11, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8015/8020	Reported:	Aug 18, 1992
Attention: Mardo Kapreallan, P.E.	First Sample #:	208-0295		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 208-0295 WO1	Sample I.D. Matrix Blank
Purgeable Hydrocarbons	1.0	N.D.	
Benzene	0.005	N.D.	
Toluene	0.005	N.D.	
Ethyl Benzene	0.005	N.D.	
Total Xylenes	0.005	N.D.	
Chromatogram Pattern:		--	

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Analyzed:	8/11/92	8/11/92
Instrument Identification:	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	101	108

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SECOR
INTERNATIONAL
INCORPORATED

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OFFSITE ASSESSMENT REPORT FOR

CONOCOPHILLIPS

76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

February 28, 2007
77CP.1574.05.1222

OFFSITE ASSESSMENT REPORT

ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

SECOR Project No.
77CP.1574.05.1222

Submitted By:
SECOR International Incorporated
3017 Kilgore Road, Suite 100
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Prepared on behalf of:
ConocoPhillips Company

February 28, 2007

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Senior Geologist

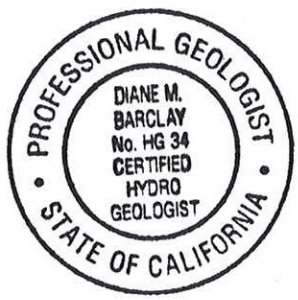


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1.0 INTRODUCTION

This report has been prepared by SECOR International, Inc. (SECOR) on behalf of the ConocoPhillips Company (ConocoPhillips) for a site assessment to evaluate the extent of petroleum hydrocarbons adsorbed to soil, dissolved-phase petroleum hydrocarbons in groundwater, and petroleum hydrocarbon vapor in subsurface soil at the property located at 402 South Delaware Street, San Mateo, California (the "Site"). SECOR submitted a work plan on December 5, 2005 to the San Mateo County Health Department – Groundwater Protection Program (SMCHD-GPP) addressing further assessment of the lateral and vertical extent of hydrocarbon-affected groundwater north, southeast, and south of the fuel UST cavity, and the potential vapor inhalation risk from hydrocarbon-affected groundwater in the southern half of the site. The SMCHD-GPP requested a revised work plan in their letter dated May 1, 2006 (Appendix A). SECOR submitted a *Revised Work Plan for Additional Site Assessment* on June 22, 2006. This revised work plan was conditionally approved by the SMCHD-GPP in their letter dated October 18, 2006 (Appendix A).

2.0 SITE BACKGROUND

2.1 Site Location

The 76 branded Service Station property (the "site") is located at 402 South Delaware Street, on the south corner of South Delaware Street and East Fourth Avenue in the City of San Mateo, San Mateo County, California (Figure 1). The site is bordered by South Delaware Street to the northeast, East Fourth Avenue to the northwest, and commercial buildings to the southwest and southeast. There are two active gasoline service stations located in the near vicinity: a Shell station on the north corner of East Third Avenue and South Delaware Street, and an ARCO station on the south corner of East Third Avenue and South Delaware Street. Historically, there used to be a Shell service station directly across South Delaware Street from the site on the east corner of South Delaware Street and East Fourth Avenue; a Jiffy Lube now exists at this location. Additionally, a former 76 branded service station was located on the west corner of East Third Avenue and El Dorado Street.

The site is an active service station dispensing 76 branded gasoline. The property is owned by Lucile G. Benedetti, whose contact information has been supplied to the SMCHD-GPP under separate cover. The station facilities include two unleaded gasoline underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (Figure 2). The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site when the current gasoline USTs were installed.

2.2 Site History

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon capacity, fiberglass, gasoline underground storage tanks (USTs), one 505-gallon waste oil UST, and the associated product piping and dispensers. A 9-inch long crack was observed along the eastern end of the super unleaded gasoline UST upon removal. Subsequent petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30 feet long by 27 feet wide by 22 feet deep. Initially, six soil samples were collected (A1, A2, B1, B2, SW1, and SW2) from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches. KEI returned at a later date to collect an additional three samples (SW1(2.5), SW2(2.5), and SW3) from the gasoline UST cavity and a grab water sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater was observed to have floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2 , and D3) from beneath the gasoline dispensers. Laboratory analysis of soil samples collected from the gasoline UST cavity indicated the presence of up to 5,000 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg, B2), 47 mg/kg benzene (B2), 470 mg/kg toluene (B2), 120 mg/kg ethyl-benzene (B2), 790 mg/kg total xylenes (B2), and 5.9 mg/kg total petroleum hydrocarbons as diesel (TPHd, SW3). The requested petroleum hydrocarbon

constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc at concentrations of 1.1 mg/kg, 67 mg/kg, 73 mg/kg, 6.0 mg/kg, and 44 mg/kg, respectively, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. Analysis of the water sample collected from the gasoline UST indicated 28,000 micrograms per liter (µg/L) TPHd, 50,000 µg/L TPHg, 1,200 µg/L benzene, 6,700 µg/L toluene, 1,400 µg/L ethyl-benzene, and 10,000 µg/L total xylenes. Laboratory results are included in Table 1 (KEI, 1992).

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site (Figure 2). Laboratory analysis of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and benzene, toluene, ethyl-benzene, and total xylenes (BTEX) at maximum concentrations of 2,600 mg/kg TPHg (MW2 at 17'), 26 mg/kg benzene (MW2 at 15'), 240 mg/kg toluene (MW2 at 15'), 62 mg/kg ethylbenzene (MW2 at 17'), and 410 mg/kg total xylenes (MW2 at 17'). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially monitored and sampled in June 1994. Laboratory analysis of the water samples collected indicated the presence of petroleum hydrocarbons in MW-2 and MW-3, with maximum concentrations of 89,000 µg/L TPHg, 11,000 µg/L benzene, 37,000 µg/L toluene, 3,000 µg/L ethyl-benzene, and 20,000 µg/L total xylenes reported in MW-2. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs), with the evaluated groundwater gradient being approximately 0.004 foot/foot to the east. KEI concluded to follow a three month monitoring program, at which point the wells would be re-sampled. Laboratory results are included in Tables 1 and 2 (KEI, 1994).

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed in offsite locations in the sidewalk along the opposite side of South Delaware Street form the site (Figure 2). The offsite wells were located in the downgradient direction from the site. Laboratory analysis of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX at maximum concentrations of 600 mg/kg TPHg, 3.3 mg/kg benzene, 38 mg/kg toluene, 14 mg/kg ethylbenzene, and 96 mg/kg total xylenes in soil sample MW4 at 5'. The new wells were added to the quarterly groundwater monitoring and sampling program, and were first sampled in April 1995. Laboratory analysis of the water samples collected from MW4 and MW5 indicated the presence of maximum concentrations of 150,000 µg/L TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethyl-benzene, and 31,000 µg/L total xylenes reported in MW-4. Laboratory results are included in Tables 1 and 2 (KEI, 1995).

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes at 1.5 mg/kg, 0.006 mg/kg, and 0.009 mg/kg, respectively. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 mg/kg, 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. The remaining requested petroleum hydrocarbon constituents were not reported above laboratory detection limits. Laboratory results are included in Table 1 (GSI, 1996).

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at offsite locations (Figure 2). The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab water samples were collected from each borehole. Laboratory analysis of the water samples indicated the presence of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4 at concentrations of 450 µg/L, 71 µg/L, 6.7 µg/L, and 17 µg/L, respectively. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2. A summary of laboratory results is included in Table 2 (KEI, 1996).

The site has been monitored and sampled since the second quarter 1994. From 1994 to 2000, the site was monitored on a quarterly basis. Since 2001, the frequency has been reduced to semi-annual monitoring and sampling. Historically, the highest dissolved phase petroleum hydrocarbon concentrations have occurred in wells MW-2 and MW-3. The groundwater gradient has been mainly to the east and southeast (SECOR, 2006). Laboratory results are included in Table 2.

Historical soil and groundwater sampling locations are shown on Figure 2, and historical soil, groundwater, and gradient data are summarized in Tables 1 through 3 and Figure 3.

3.0 SCOPE OF WORK

On December 14 and 15, 2006, SECOR field staff observed Gregg Drilling and Testing, Incorporated (Gregg) of Martinez, California, advance four direct push soil borings (SP-5, SP-6 SP-7, and SP-8). On December 27, 2006, SECOR field staff observed Vironex of San Leandro, California, install three soil vapor wells (VP-1, VP-2, and VP-3) and one subslab soil vapor probe (SUBSLAB). From January 2 through 4, 2007, SECOR field staff observed Gregg install four groundwater monitoring wells (MW-6, MW-7, MW-8, and MW-9) and destroy four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5) using hollow stem auger (HSA). On February 2, 2007, SECOR field staff observed Vironex reinstall the subslab soil vapor probe. The soil boring, monitoring well, and soil vapor well locations are illustrated on Figure 2. The completed scope of work is discussed below.

3.1 Site Health and Safety Plan

As required by the Occupational Health and Safety Administration Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120), and by the California Occupational Health and Safety Administration "Hazardous Waste Operations and Emergency Response" guidelines (CCR Title 8, Section 5192), SECOR updated the current site-specific Health and Safety Plan (HASP) prior to the commencement of fieldwork. The HASP was reviewed by field staff and contractors before beginning field operations, and was in the possession of SECOR personnel while conducting work activities at the site.

3.2 Permitting

Prior to site assessment activities, SECOR applied for an encroachment permit from the City of San Mateo Department of Public Works (CSMDPW) for the advancement of soil borings SP-5, SP-6, SP-7, and SP-8, the destruction of monitoring well MW-5, and the installation of monitoring well MW-8. The CSMDPW encroachment permit was approved on December 14, 2006. SECOR also applied for subsurface drilling permits from the SMCHD-GPP, and these permits were granted on December 5, 2006. Copies of the permits are included in Appendix A.

3.3 Subsurface Utility Clearance

Prior to initiating field activities, SECOR marked the boring locations, contacted Underground Service Alert (USA) 48 hours prior to the initiation of field work, and contracted a private utility locator to investigate whether the proposed boring locations were clear of potential subsurface obstructions. Under the direction of SECOR field staff, the private utility locator identified an anomalous metallic signal in the vicinity of SP-6, and recommended moving the borehole either onsite, or into the second lane of traffic. The boring was moved onsite to prohibit the impedance of traffic on South Delaware Street. The private utility locator also identified an anomalous metallic signal in the vicinity of soil borings SP-5 and SP-7. The utility locator recommended moving SP-5 to the left northbound lane of South Delaware Street and recommended moving SP-7 to the center of East Fifth Avenue. SECOR discussed the new locations with traffic control, and both accepted the new location of the boreholes. The surface markings made by the utility companies contacted as member services of USA indicated that SECOR could not advance soil boring SP-8 and monitoring well MW-8 due to the presence of

subsurface utilities. SECOR instructed the private locator to determine the depth of the utility and the private locator determined the utility was marked incorrectly. SECOR contacted the USA member to remark the location. The USA member determined the utility was incorrectly marked the first time and correctly marked the utility. Soil boring SP-8 was in a location cleared for utilities. The location for monitoring well MW-8 was moved from the street to the sidewalk area which was cleared by both the private locator and the members of USA. The USA markings were corroborated by the private utility locator. The private utility locator did not identify potential subsurface obstructions at the locations for monitoring wells MW-6, MW-7, and MW-9, for soil vapor wells VP-1, VP-2, and VP-3, or the sub-slab vapor probe.

In order to decrease the chance of damaging an unidentified subsurface utility line, it is ConocoPhillips policy to use a pressurized air lance and vacuum to remove the top five feet of subsurface material. Soil borings SP-5 through SP-8 and MW-6 through MW-9 were cleared to a depth of 5 feet bgs using an air lance and vacuum truck prior to commencement of mechanical drilling. Additionally, the annulus materials surrounding wells MW-2 and MW-5 were cleared to a depth of 5 feet bgs.

The private utility locator identified electrical lines adjacent to groundwater monitoring wells MW-1 and MW-3. The distance between the lines and the monitoring wells was such that the wells could not be destroyed by over drilling, as stated in the work plan. These two wells were destroyed following the SMCEHD protocol for pressure grouting.

SECOR's field procedures are included in Appendix B.

3.4 Direct Push Soil Borings

On December 14 and 15, 2006, four soil borings (SP-5, SP-6, SP-7, and SP-8) were advanced. Soil boring SP-5 was advanced in the left northbound lane on South Delaware Street approximately 50 feet northwest of the intersection of South Delaware Street and East Fifth Avenue; soil boring SP-6 was advanced onsite approximately 12 feet northwest of the northeast dispenser island canopy; and soil borings SP-7 and SP-8 were advanced on East Fifth Avenue, approximately 88 feet southwest and approximately 87 feet northeast of the intersection of East Fifth Avenue and South Delaware Street, respectively (Figure 2).

The soil borings were advanced to depths of 28 feet bgs (SP-6), 30 feet bgs (SP-5 and SP-8), and 34 feet bgs (SP-7). Dual wall, direct push Geoprobe was utilized for soil boring SP-5 to a depth of 24 feet. Single wall, direct push Geoprobe casing was utilized for the remaining 6 feet in soil boring SP-5 and the total depths of soil borings SP-6, SP-7 and SP-8, because a possible shallow saturated zone between 5 and 15 feet bgs was not encountered. Groundwater was first observed in borings SP-5 and SP-8 at a depth of 20 feet bgs, in soil boring SP-6 at a depth of 21 feet bgs and in soil boring SP-7 at a depth of 32 feet bgs. Groundwater stabilized at depths between approximately 15 and 15.5 feet. SECOR's field procedures are included in Appendix B.

3.5 Soil Vapor Well Installation

On December 27, 2006, three soil vapor wells (VP-1, VP-2, and VP-3) were installed. Soil vapor wells VP-1 and VP-2 were advanced south of the UST pit, and soil vapor well VP-3 was

advanced north of the UST pit (Figure 2). The boreholes for the soil vapor wells were advanced using a 6-inch diameter hand auger to depths of 5.5 feet bgs (VP-2), and 6 feet bgs (VP-1 and VP-3). The soil vapor wells were completed by holding the vapor probe tip (attached to 8 feet of Tygon tubing) 6 inches above the bottom of the borehole and emplacing a #3 Monterey sand filter pack that extended 6 inches below and 6 inches above the probe. A six-inch hydrated bentonite seal was placed above the sand, and neat cement grout was placed above the bentonite seal to approximately six inches bgs. The probes were completed at the surface with a well box and concrete dyed to match existing grade. A Swagelok fitting was place on the end of the Tygon tubing, and was turned to the closed position during the construction of the soil vapor well.

SECOR's field procedures are included in Appendix B.

3.6 Subslab Vapor Probe Installation

On December 27, 2006, a subslab vapor probe (SUBSLAB) was installed in the southeast corner of the station building, inside the auto repair bay (Figure 2). A 1/8-inch diameter, 6-inch long, stainless steel tube with a ½-inch diameter Swagelok compression fitting attached to the top was used to create the soil vapor probe. Spacer fittings were installed between the Swagelok fitting and the tubing to allow for the cement seal. The probe was assembled by Vironex after arrival at the site. A ¼-inch diameter inner hole was advanced to a depth of approximately 3 inches below the concrete building slab, and the cuttings were removed with a vacuum. A 1.5-inch diameter outer hole was advanced along the centerline of the inner hole to a depth of approximately 4.5 inches into the concrete slab. The probe was set in the inner hole and a cement seal was emplaced so as not to contact the Swagelok fitting. SECOR emplaced putty over the probe to protect it from foot traffic in the garage area.

When SECOR personnel returned to sample the subslab probe on February 1, 2007, the Swagelok fitting on the probe was loose. SECOR returned with Vironex on February 2, 2007 to remove the subslab vapor probe, tighten the Swagelok fitting, and reinstall the probe in the same location.

A schematic of the soil vapor probe is included as Figure 4. SECOR's field procedures are included in Appendix B. Concrete cuttings generated during the installation of the soil vapor probe were disposed of by Vironex as construction waste.

3.7 Groundwater Monitoring Well Installation

From January 2 to 4, 2007 four groundwater monitoring wells (MW-6, MW-7, MW-8, and MW-9) were installed using a HSA rig equipped with 8-inch diameter auger flights. Monitoring well MW-6 was installed near the location of destroyed monitoring well MW-2, monitoring well MW-7 was installed in the southern corner of the site, monitoring well MW-8 was installed on the east corner of South Delaware Street and East Fourth Avenue, and monitoring well MW-9 was installed near the location of destroyed monitoring well MW-1 (Figure 2). The groundwater monitoring well borings were advanced to a depth of 20 feet bgs for MW-6, 26.5 feet bgs for MW-7, 30 feet bgs for MW-8, and 17 feet bgs for MW-9. Groundwater was first encountered at 15.9 feet bgs in MW-6, 22 feet bgs in MW-7, 18 feet bgs in MW-8, and 14.7 feet bgs in MW-9. Groundwater stabilized at depths between approximately 13 and 18 feet bgs.

The monitoring wells were constructed using 2-inch diameter poly vinyl chloride (PVC) casing with a 0.020-inch slotted screen interval extending from 13 to 19 feet bgs for MW-6, 22 to 25 feet bgs for MW-7, 17 to 30 feet bgs for MW-8, and 11.5 to 15 feet bgs for MW-9. A filter pack of #3 Monterey sand was placed in the annulus across from the screen and 1 to 2 feet above the screen. A 2 to 3 foot thick bentonite seal (hydrated chips) was placed above the sand pack. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied from the top of the bentonite seal to 1 foot bgs. The wells were completed at the surface with a traffic rated well box set in concrete dyed to match the existing grade, and a locking well cap was placed on the casing. The well materials were tremmied through the annulus of the HSA flights. Because a potential aquitard was encountered at the bottom of the boreholes for monitoring wells MW-6, MW-7, and MW-9, a bentonite seal was emplaced within this fine-grained material at the bottom of each of these three boreholes prior to well construction. These potential aquitards were not penetrated through during the drilling operations.

SECOR's field procedures are included in Appendix B. Boring logs illustrating well construction details are included in Appendix C.

3.8 Grab Groundwater Sample Collection and Analysis

Grab groundwater samples were collected from soil borings SP-5 through SP-8. The groundwater samples were collected by lowering a disposable bailer through the annulus of the direct push casing. The samples were transferred from the bailers, using a low-flow control spigot, into 40 milliliter (ml) volatile organic analyte (VOA) vials preserved with hydrochloric acid (HCl). The VOAs were placed on ice, and submitted to a California certified laboratory to be analyzed for the presence of total purgeable petroleum hydrocarbons (TPPH); BTEX; MTBE; ethanol, TBA, tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), ethylene dibromide (EDB), and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260B.

3.9 Soil Sample Collection and Analysis

The direct push soil borings were sampled continuously, and the monitoring well borings were sampled every 5 feet, or more frequently to continuously as necessary to investigate soil stratigraphy, using a modified California sampler. The borings were described in accordance with the Unified Soil Classification System (USCS) by a SECOR scientist under the direction of a California Professional Geologist. Soil samples from the direct push soil borings were contained in Teflon® liners that were inserted into the sample collection rod. Soil samples from the monitoring well borings were contained in 2 inch diameter by 6 inch long brass sleeves that were inserted into the modified California sampler. Soil samples were examined for odors, visible signs of petroleum hydrocarbons, and screened for hydrocarbon vapors using a photo-ionization detector (PID). Samples were submitted for analysis from above the water bearing zone, potential aquitards at the bottom of the borings, depths of previously known impact, and if elevated hydrocarbon vapors were detected from that approximate depth using the PID. The soil samples were placed on ice and submitted to a California certified laboratory to be analyzed for the presence of TPPH; BTEX; MTBE; ethanol, TBA, TAME, DIPE, ETBE, EDB, and 1,2-DCA by EPA Method 8260B.

Boring logs are included in Appendix C.

3.10 Soil Boring Borehole Completion

Upon completion of groundwater sampling, each soil boring borehole was backfilled with neat cement grout. In accordance with SMCHD-GPP guidelines, the grout was mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, and was introduced into the borehole through a tremmie pipe to displace standing water in the hole. A cement cap was placed at the surface of soil borings SP-6 and SP-8 to match the existing grade. An asphalt cold patch cap was placed at the surface of soil borings SP-5 and SP-8.

3.11 Monitoring Well Development, Sampling, and Analysis

On January 9, 2007, SECOR personnel developed the newly installed monitoring wells MW-6 through MW-9. Approximately 10 casing volumes were purged from wells MW-6 and MW-8, approximately 12 casing volumes were purged from well MW-7, and approximately 34 casing volumes were purged from well MW-9. The last three successive measurements of temperature, conductivity, and pH of the purged groundwater varied by ≤10%, ≤3%, and ≤0.1, respectively.

On January 26, 2007, SECOR personnel purged and sampled groundwater monitoring wells MW-4 and MW-6 through MW-8, using low-flow protocol at a flow rate of less than 200 milliliter (mL) per minute using a bladder pump. Due to the small amount of groundwater in groundwater monitoring well MW-9, a peristaltic pump was used to purge and sample the water at a flow rate of less than 100 mL per minute. The pump intakes were placed at depths in the water column that were opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact. Criteria for this selection included the depth of the highest soil impact encountered during well installation, the as-built screen interval, and the recorded depth to water. The pump intake was placed at 15 and 17 feet deep in MW-4 and MW-6, respectively (depths of highest soil impact), at the top of the screened interval in wells MW-7 and MW-8 (because there was no detected soil impact and the screens were submerged), and at the only depth possible due to minimal water encountered in MW-9. The conductivity, temperature, and pH of the delivered effluent were monitored every three to five minutes using a flow-through cell during purging and recorded on the field data sheets. Purging ended once three successive measurements of pH, conductivity, and temperature of the purged water stabilized to within 0.1, 3%, and 10%, respectively.

Following monitoring well purging, groundwater samples from wells MW-4, MW-6, MW-7, and MW-8 were collected using a low-flow bladder pump, and the groundwater sample from well MW-9 was collected using a peristaltic pump. Each groundwater sample was discharged from the pump tubing, after disconnecting the tubing from the inlet of the flow-through cell, into 40-mL VOAs preserved with HCl. The VOAs were placed on ice, and submitted to a California certified laboratory to be analyzed for the presence of TPPH, BTEX, MTBE, and tetrachloroethene (PCE) by EPA Method 8260B.

Field data sheets illustrating onsite activities, including system or line volumes, actual purge volumes, purging equipment, and sampling equipment used, are included in Appendix D.

3.12 Groundwater Monitoring Well Destruction

On January 2 and 3, 2007, four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5) were destroyed. Due to the close proximity of underground electric lines, groundwater monitoring wells MW-1 and MW-3 were destroyed following SMCEHD guidelines for pressure grouting. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied into the well from the bottom up to displace standing groundwater in the well. A pressure fitting was attached to the top of the well casing and 25 pounds per square inch (psi) pressure was applied to the grout column inside the well casing for approximately 5 minutes. The well box and the upper foot of the well casing were removed prior to surface completion with concrete, dyed to match the existing grade. Groundwater that was displaced from the borehole during pressure grouting was contained and managed as site waste. Groundwater monitoring wells MW-2 and MW-5 were destroyed by over drilling, and were cleared to 5 feet bgs using an air lance and vacuum truck prior to mechanical drilling. From 5 feet bgs to the well terminus, the groundwater monitoring wells were drilled using 8-inch diameter HSA, and the well casing and annular materials were removed. The destroyed monitoring well boreholes were backfilled using neat grout cement (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement), tremmied from the bottom of the borehole to approximately 1 foot bgs. The boreholes were completed at the top using concrete dyed to match the existing grade.

SECOR's field procedures are included in Appendix B.

3.13 Monitoring Well Surveying

On January 16, 2007 SECOR observed Morrow Surveying, Inc. (Morrow) survey soil borings SP-5 through SP-8, newly installed monitoring wells MW-6 through MW-9, and soil vapor wells/probe VP-1 through VP-3 and SUBSLAB. The borings and wells were surveyed for geographical location to the NAD 83 (1986) Datum, and for elevation to the NAVD 88 Datum from geo-positioning satellite (GPS) observations. A copy of the Morrow survey map is included in Appendix E.

3.14 Groundwater Gradient Evaluation

On January 26, 2007, SECOR field staff collected depth to water measurements prior to the purging and sampling of groundwater monitoring wells MW-4 and MW-6 through MW-9. These depths to water were used to calculate groundwater elevations and evaluate the groundwater gradient. The groundwater gradient was evaluated to flow to the east at a magnitude of 0.003 foot per foot (Figure 5). This groundwater gradient is consistent with historical gradients that have been evaluated at the site (Table 3, Figure 3).

3.15 Soil Vapor Sample Collection and Analysis

On January 19, 2007, SECOR performed soil vapor sampling. Prior to sampling, SECOR field personnel verified that there had not been a significant precipitation event within the previous 5 days. It was determined that 0.14 inches of rain fell on January 16, 2007 and 0.02 inches of rain fell on January 18, 2007 by referencing www.wunderground.com. According to the

Department of Toxic Substances Control (DTSC) and California Regional Water Quality Control Board – Los Angeles Region (LARWQCB) Advisory dated January 28, 2003 "A. Wet Conditions: If no-flow or low-flow conditions are caused by wet soils, the soil gas sampling should cease. In addition, the Agency recommends that the soil gas sampling should not be conducted during or immediately after a significant rain even (e.g., ½ inch or greater) or onsite watering." Precipitation onsite was less than ½ inch in the past five days, so SECOR continued with the soil vapor sampling.

While performing a 15-minute leak test on the canisters and manifolds, one of the four manifolds would not hold a vacuum pressure. Field personnel decided to sample the three external soil vapor wells and return at a later date to sample the subslab vapor probe. SECOR returned to the site on January 26, 2007 to sample the subslab vapor probe. Soon after SECOR field personnel arrived on site it began to precipitate. The rate of precipitation was great enough to be considered a significant event, and soil vapor sampling was not performed. SECOR returned to the site on February 1, 2007 to perform additional sampling of soil vapor wells VP-1, VP-2, and VP-3, and to sample the subslab soil vapor probe. The Swagelok fitting on the subslab soil vapor probe was loose, indicating that a proper seal had not been created during the installation of the probe. Once the probe was reinstalled on February 2, 2007, SECOR field staff returned to the site on February 6, 2007 to sample the subslab probe.

During sampling events the summa canisters were received from the laboratory with the proper negative vacuum pressure of approximately -30.5 to -31 millimeters of Mercury (mmHg), a ½-hour flow regulator (airflow at 200 milliliters per minute) was used, the manifold system passed the 15 minute leak check, a purge was performed to remove approximately 5 liters (a 26.5 change in vacuum pressure) of sub-surface vapors from the soil vapor probes VP-1, VP-2, and VP-3, and isopropyl alcohol was applied to the Tygon tubing connections at intervals of approximately 5 minutes. The change in vacuum pressure to purge three systems volumes was calculated prior to arrival in the field, using a tubing inner diameter measurement of 0.25 inches, an assumed porosity of 30% airspace, and the tubing lengths and annulus measurements listed earlier in this report. The sampling interval on January 26, 2007 was between 31 minutes (VP-3) and 35 minutes (VP-2) and on February 1, 2007 was between 43 minutes (VP-1) and 46 minutes (VP-2). During the SUBSLAB sampling event, the summa canisters were received with a proper negative vacuum pressure of approximately -30.25 and -30.5 mmHg, a ½ hour flow regulator was used, the manifold system passed a 15 minute leak check, a purge was performed to remove 2 liters of sub-surface vapors from the probe, and isopropyl alcohol was applied to the Tygon tubing connections at intervals of approximately 5 minutes. The sampling interval was 14 minutes. A schematic of the Sub Slab soil vapor sampling apparatus is included as Figure 6. SECOR's field procedures, including purge calculations, are included in Appendix B. Copies of the field notes collected during sampling are included in Appendix D.

The soil vapor samples were sent under chain-of-custody documentation to AirToxics Ltd., a California-state certified laboratory in Folsom, California. The samples were analyzed for the presence of total gasoline range petroleum hydrocarbons by Environmental Protection Agency (EPA) Method TO-3; benzene, toluene, ethylbenzene, xylenes, MTBE, TBA, 1,2-DCA, ethyl tertiary butyl ether, tertiary amyl methyl ether, isopropyl ether, ethylene dibromide, ethanol, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and isopropyl alcohol (IPA, or 2-propanol) by EPA Method TO-14A; and the atmospheric gases oxygen (O_2), methane (CH_4), and carbon dioxide (CO_2) by ASTM D-1946. Laboratory reporting limits for the atmospheric gases were set at

reporting limits less than or equal to ambient concentrations, and were set at ≤100 micrograms per cubic meter (µg/m3) for IPA.

3.16 Investigation Derived Waste

Soil cuttings, decontamination rinsate, and purge water generated during the site assessment activities performed between December 14, 2006 and January 26, 2007 were stored in 19 Department of Transportation (DOT) approved 55-gallon capacity steel drums (13 containing soil and 6 containing waste water). These drums were staged onsite pending laboratory characterization as non-hazardous waste. Filter Recycling Services (FRS) of Colton, California transported the drums to their licensed facility in Rialto, California for disposal on February 14, 2007. The waste disposal documentation is included as Appendix F.

4.0 FINDINGS

4.1 Subsurface Conditions

Subsurface materials encountered at the site generally correlated well with those previously reported, as shown on the geologic cross sections, Plate 1, and boring logs, Appendix C. Silt with some silty sand and gravel intervals was encountered from the ground surface to depths of approximately 5 to 16 feet bgs. This silt was underlain by silty sand and gravel with minor silt interbeds to approximate depths of 15 to 25 feet bgs. Wells MW-4, MW-6, MW-7, MW-8, and MW-9 appear to be screened in this first water bearing zone ranging between the approximate depths of 10 and 25 feet bgs. Beneath this water-bearing zone, a silt aquitard varying in thickness from approximate 1.5 to 14 feet thick was encountered. This aquitard was relatively continuous, except in the area of wells MW-4 and MW-8, which may be within a channel deposit. The aquitard was underlain by a deeper water-bearing zone beginning at the approximate depths of 18 feet bgs in the site area and east of the site, and 32 feet bgs southeast of the site (SP-7). The bottom of this deeper water-bearing zone was not encountered.

When SECOR first mobilized to the site in December 2006 to drill the Geoprobe borings, water was not encountered in the shallow water-bearing zone, enabling grab sampling of the groundwater in the deeper water bearing zone. SECOR anticipated drilling wells into this deeper water-bearing zone during the second mobilization less than three weeks later; however, upon the second mobilization, groundwater was present in the shallower water-bearing zone.

4.2 Soil Analytical Results

A total of 34 soil samples were submitted for laboratory analysis from soil borings SP-5, SP-6, SP-7, SP-8, MW-6, MW-7, MW-8, and MW-9. Analytical results indicated the presence of up to 1,300 milligrams per kilogram (mg/kg) TPPH (MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg MTBE (MW-6@19.5-20). The remaining requested petroleum hydrocarbon constituents were not detected above the laboratory reporting limits.

Soil analytical results are summarized in Table 4 and included in Table 1. The laboratory reports with certified analytical results and chain-of-custody documentation are included in Appendix G.

4.3 Groundwater Analytical Results

Nine groundwater samples were submitted for laboratory analysis from soil borings SP-5, SP-6, SP-7, and SP-8, and monitoring wells MW-4, MW-6, MW-7, MW-8, and MW-9. Grab sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 1,500 µg/L ethylbenzene (SP-5), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from the wells contained petroleum hydrocarbons in MW-6 (67,000 µg/L TPPH, 380 µg/L benzene, 8,600 µg/L toluene, 3,600 µg/L ethylbenzene, 17,000 µg/L total xylenes, and 62 µg/L MTBE), and MW-9 (0.73 µg/L xylenes).

The remaining requested petroleum hydrocarbon constituents were not detected above the laboratory reporting limits.

Due to anomalous laboratory results during the third quarter 2006 groundwater sampling event in the TPPH range, SECOR requested that the groundwater samples be analyzed for the presence of PCE. Laboratory results indicated that analytical results within the TPPH range for four of the five site wells (MW-4, MW-7, MW-8, and MW-9) were due to the presence of PCE in the groundwater, and not the presence of petroleum hydrocarbons.

Groundwater analytical results are summarized in Table 5, and included on Table 2. The laboratory reports with certified analytical results and chain-of-custody documentation are included in Appendix G.

4.4 Soil Vapor Analytical Results

Laboratory analysis of the soil vapor samples collected from wells VP-1, VP-2, and VP-3 on January 19, 2007 indicated the presence of 0.75 µg/m^3 TPPH (VP-3), up to 16 µg/m^3 toluene (VP-1), 14 µg/m^3 ethylbenzene (VP-3), 42 µg/m^3 m,p-xylenes (VP-3), and 29 µg/m^3 o-xylenes (VP-3). The laboratory analysis additionally indicated that the samples were composed of 21-22% O_2 and 0.46-0.98% CO_2. The remaining requested compounds were not reported at concentrations greater than the laboratory reporting limits. IPA was not detected above the laboratory reporting limits in the soil vapor samples.

Laboratory analysis of the soil vapor samples collected from wells VP-1, VP-2, and VP-3 on February 1, 2007 indicated the presence of 0.27 µg/m^3 TPPH (VP-3), 5.4 µg/m^3 toluene (VP-1), 5.8 µg/m^3 ethylbenzene (VP-3), 7.8 µg/m^3 m,p-xylenes (VP-3), and 12 µg/m^3 o-xylenes (VP-3). The laboratory analysis additionally indicated that the samples were composed of 20-21% O_2 and 0.52-1.0% CO_2. The remaining requested compounds were not detected at concentrations greater than the laboratory reporting limits. IPA was detected at a concentration of 12 µg/m^3 in the vapor sample collected from well VP-3.

For comparison purposes, the environmental screening level (ESL), as established by the state of California Regional Water Quality control Board (CRWQCB), for TPPH in shallow soil gas is 26,000 µg/m^3. This ESL is for residential land use, which is stricter than the ESL for commercial/industrial land use. The residential ESL for TPPH in indoor air is 26 µg/m^3. The commercial ESLs for shallow soil gas and indoor air are 72,000 µg/m^3 and 36 µg/m^3, respectively (CRWQCB, 2005). The atmospheric gases O_2, CH_4, CO_2 exist in nature at approximately 20.95%, 0.00017%, and 0.0360%, respectively (Pidwirny, 2006).

Soil vapor analytical results are summarized in Table 6. The laboratory reports with certified analytical results and chain-of-custody documentation are included in Appendix G.

4.5 Geotracker Upload

Data associated with this assessment report has been uploaded to the California State Geotracker database. Confirmation of this electronic submittal is included in Appendix H.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Excavation has been performed at the eastern end of the tank pit and hydrocarbons in soil appear to be adequately delineated by borings MW-1, MW-7, MW-8, MW-9, SP-5, SP-6, and SP-7.

The groundwater gradient evaluated from the newly constructed wells discreetly screened in the shallow water-bearing zone is consistent with previous gradients. This is likely due to the seasonal presence of groundwater in the shallow water-bearing zone, and hydraulic connection between the two water bearing zones in the area of MW-4 and possibly MW-8.

The lateral extent of dissolved-phase hydrocarbons in shallow groundwater is delineated to the northwest, northeast, and southwest (upgradient and crossgradient) by wells MW-9, MW-8, and MW-7. SECOR recommends a downgradient well in the shallow water-bearing zone to delineate the lateral extent of dissolved-phase hydrocarbons in this zone.

The lateral extent of dissolved-phase hydrocarbons in deeper groundwater is delineated to the southwest (crossgradient) by SP-7. Concentrations of dissolved phase petroleum hydrocarbons in offsite soil borings SP-5 and SP-8 indicate that further downgradient delineation of the dissolved phase hydrocarbon plume in the deeper water-bearing zone is warranted. SECOR proposes to perform further offsite assessment to install downgradient wells along East Fifth Avenue and Delaware Street. Wells in the deeper water-bearing zone will also be necessary northwest and northeast of the site for gradient evaluation and delineation of hydrocarbons in this zone. SECOR recommends drilling these deeper zone wells during the summer or fall to avoid the necessity for conductor casing.

Due to previous detections of PCE in the groundwater, analysis for PCE and historical research of properties in the vicinity of the site to investigate a potential source of the solvent PCE should be performed.

The two separate soil vapor well sampling events showed good correlation between the analytical results. The gases (O_2, CH_4, and CO_2) did not show deviations between events, and were within an acceptable deviation of percentages found in the atmosphere. The maximum concentrations of toluene (16 µg/m^3), ethylbenzene (14 µg/m^3), and xylenes (42 µg/m^3) reported were less than or approximately 0.01 percent of the commercial land use shallow soil gas ESLs of 180,000 µg/m^3 toluene, 1,200,000 µg/m^3 ethylbenzene, and 410,000 µg/m^3 xylenes, and less than 0.1 percent of the residential land use ESLs of 63,000 µg/m^3 toluene, 420,000 µg/m^3 ethylbenzene, and 150,000 µg/m^3 xylenes (CRWQCB, 2005). Additionally, the maximum concentration of TPPH reported (0.75 µg/L, or 750 µg/m^3) was approximately 1 percent of the commercial land use shallow soil gas ESL of 72,000 µg/m^3 , and less than 3 percent of the residential land use shallow soil gas ESL of 26,000 µg/m^3. IPA was detected in the soil vapor sample from VP-3 during the second round of sampling. An overall decrease in the petroleum hydrocarbon compounds between sampling events in vapor well VP-3 could have been caused by a small leak in the sampling apparatus; however, the reported concentration of IPA (12 µg/m^3) was negligible, and the concentrations reported during the sampling event without evidence of a leak were below ESLs. The subslab soil vapor sample did not contain petroleum hydrocarbon compounds at concentrations greater than the laboratory limits. IPA was reported

in the subslab soil vapor sample, but the concentration does not indicate that large enough leak occurred to dilute the sample. None of the petroleum hydrocarbon compounds detected were at levels above the residential shallow soil gas ESLs. SECOR does not believe that vapor inhalation is an exposure pathway at the site due to the low concentrations of gaseous petroleum hydrocarbons at a depth of approximately 5 feet bgs, and that subsurface material between the surface and the depth of sampling (silt) most likely acts as a barrier to the migration of soil vapor.

6.0 LIMITATIONS

This report was prepared in accordance with the scope of work outlined in SECOR's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips Company and its representatives, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to SECOR. To the extent that this report is based on information provided to SECOR by third parties, SECOR may have made efforts to verify this third party information, but SECOR cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by SECOR.

7.0 REFERENCES CITED

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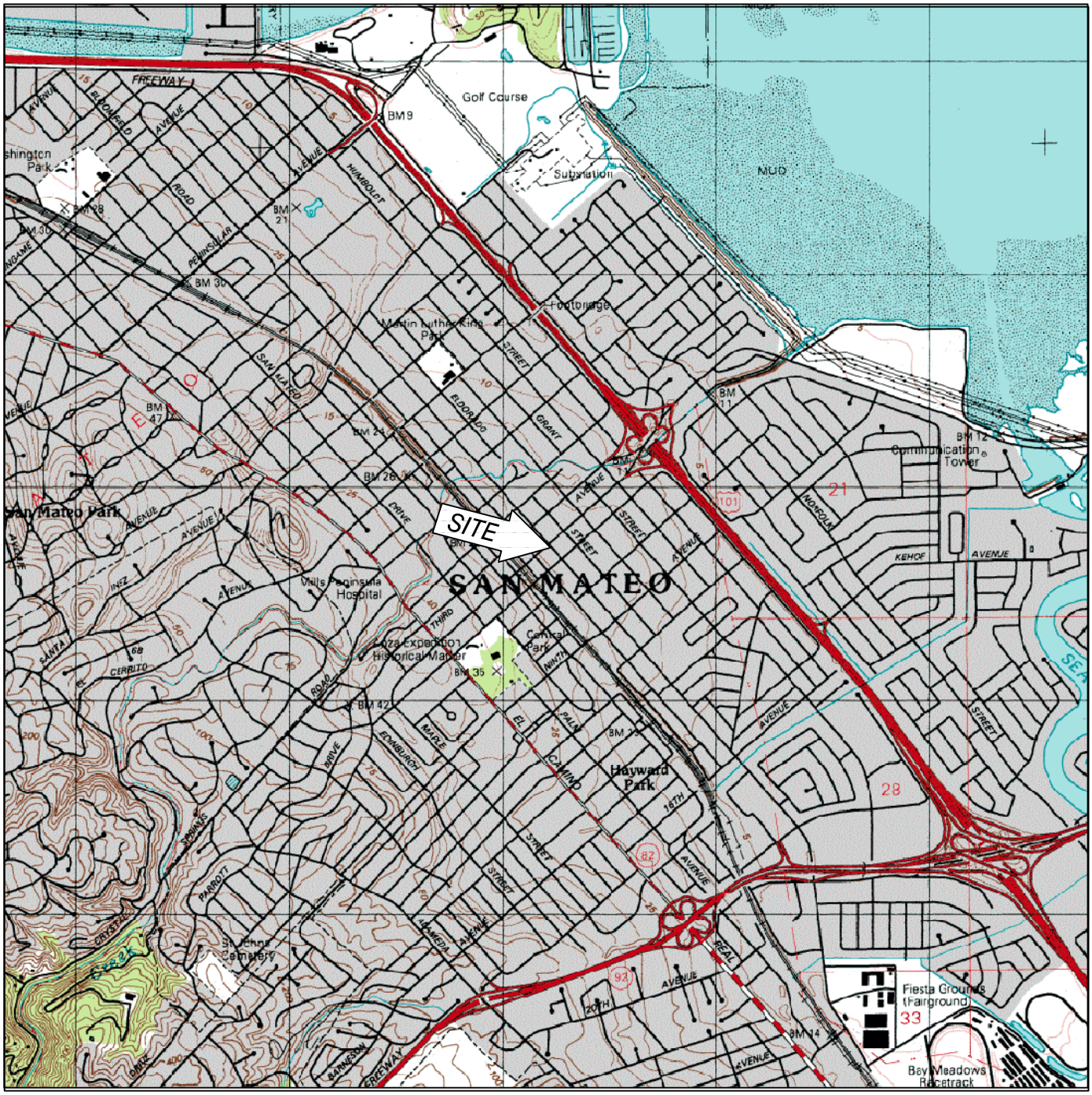
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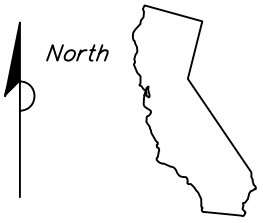
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FIGURES





1 1/2 0 1

SCALE (MILES)

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, SAN MATEO, CALIFORNIA

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76 STATION #6390

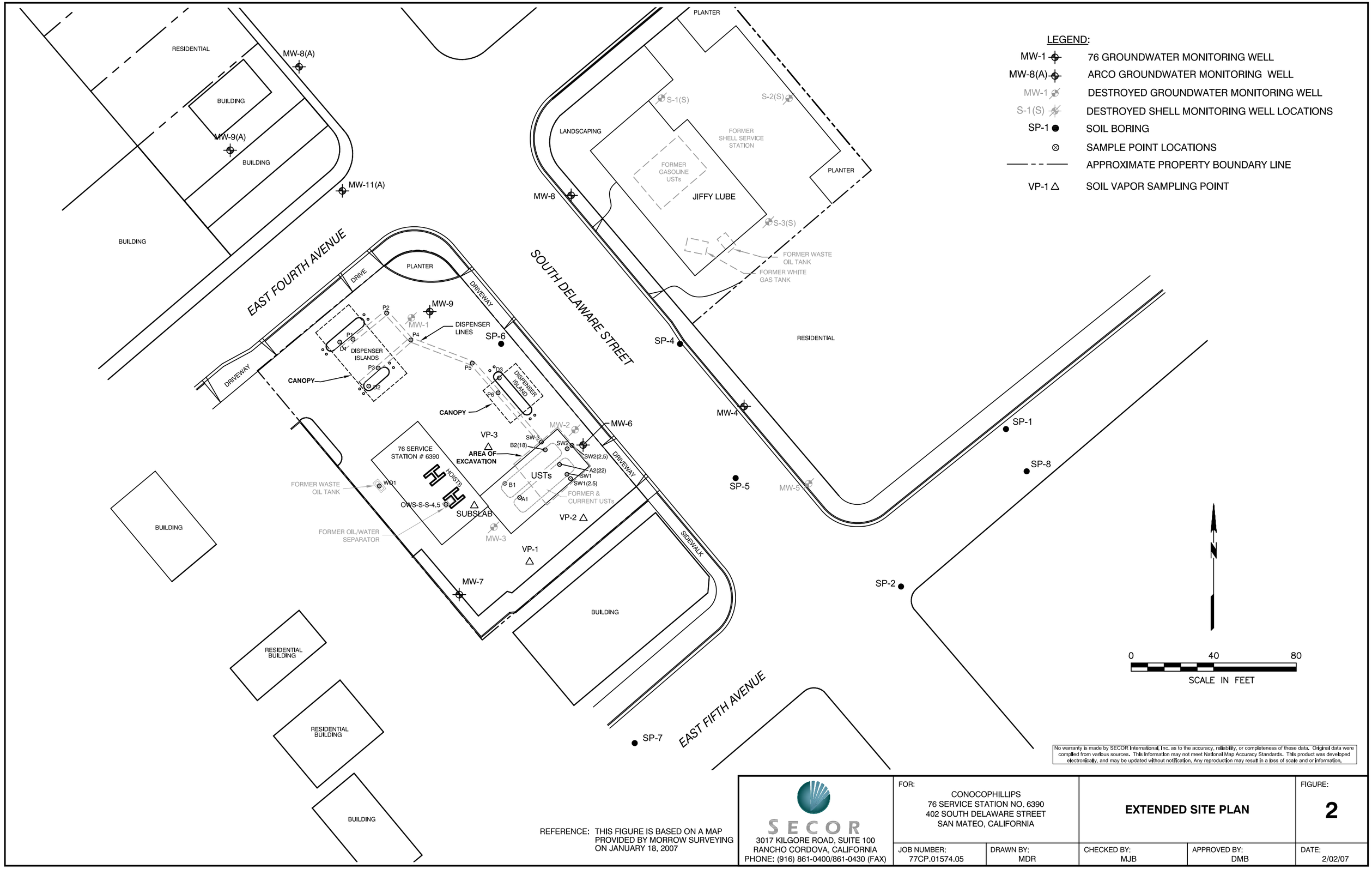
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

SITE LOCATION MAP

FIGURE: **1**

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77CP.66390.04.0004	DWR	MJB	DMB	3/31/06

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LEGEND:

MW-1 ⊕	76 GROUNDWATER MONITORING WELL
MW-8(A) ⊕	ARCO GROUNDWATER MONITORING WELL
MW-1 ⊗	DESTROYED GROUNDWATER MONITORING WELL
S-1(S) ⊗	DESTROYED SHELL MONITORING WELL LOCATIONS
SP-1 ●	SOIL BORING
⊗	SAMPLE POINT LOCATIONS
—— - - ——	APPROXIMATE PROPERTY BOUNDARY LINE
VP-1 △	SOIL VAPOR SAMPLING POINT

REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007

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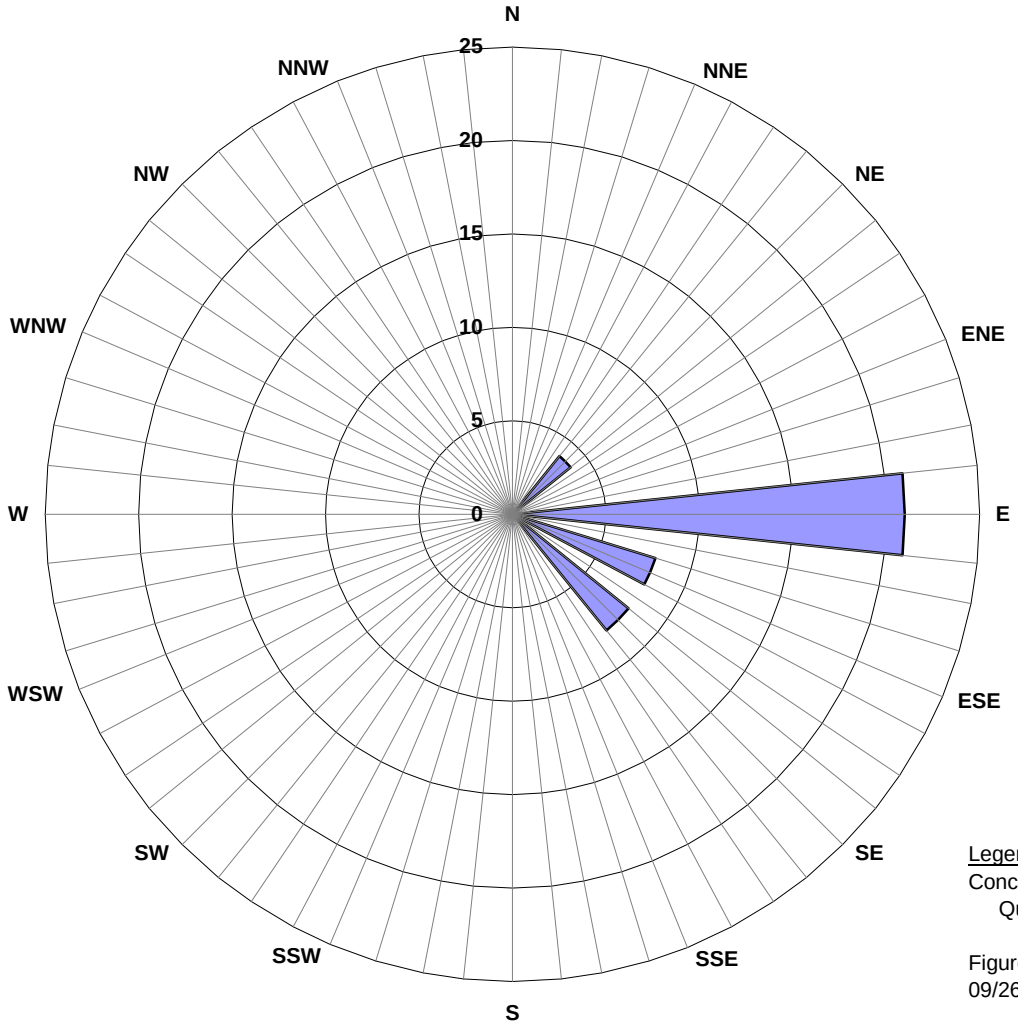
FOR:
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SAN MATEO, CALIFORNIA

EXTENDED SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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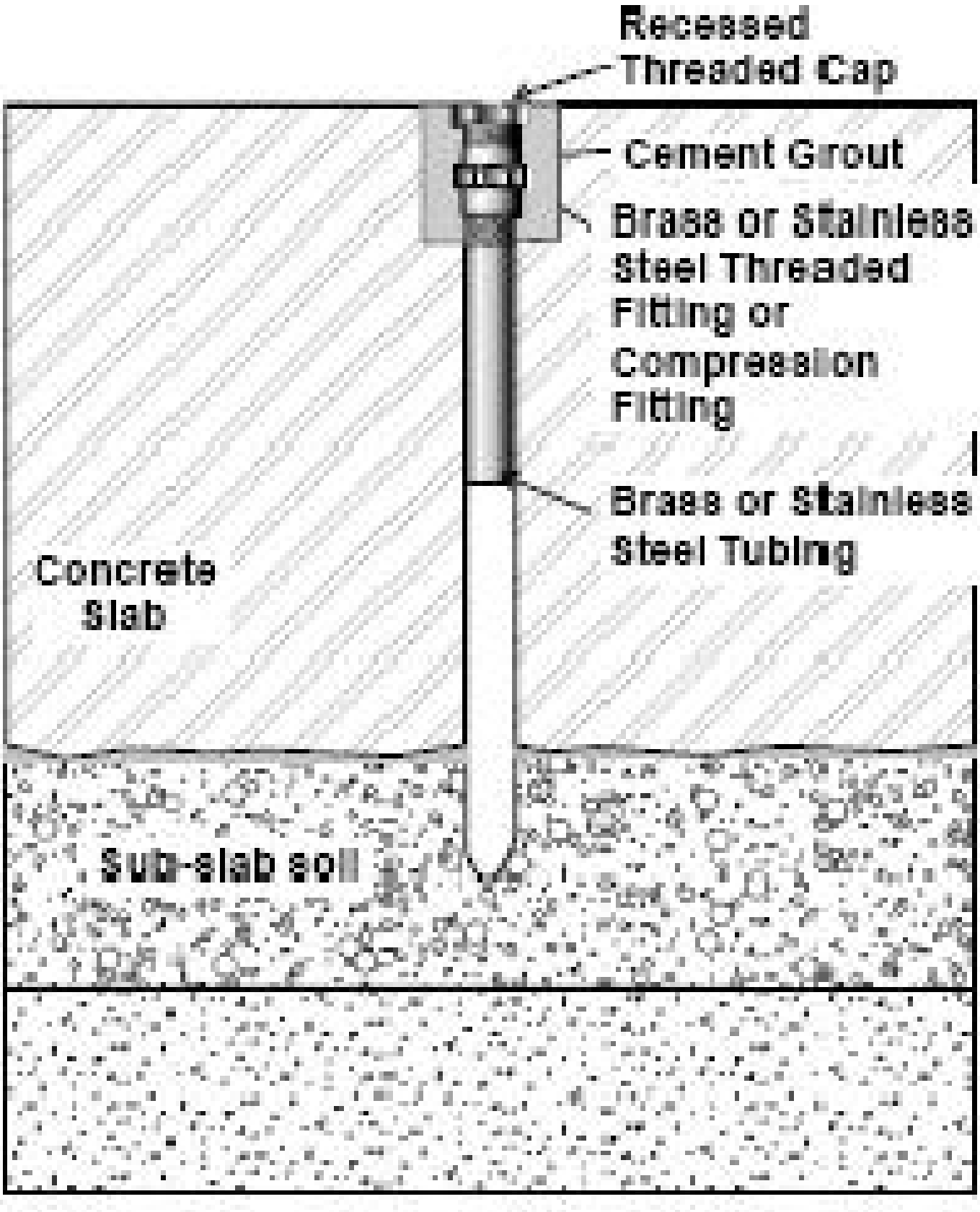
FIGURE 3
GROUNDWATER FLOW DIRECTION ROSE DIAGRAM
76 Service Station #6390
402 South Delaware Street
San Mateo, California



Legend
Concentric Circles represent
Quarterly Montoring Events

Figure represents data collected between
09/26/1994 and 1/26/2007

41 events shown



SOURCE: USEPA SUB-SLAB VAPOR PROBE INSTALLATION SOP

NOT TO SCALE

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SUB-SLAB VAPOR PROBE SCHEMATIC

FIGURE: **4**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05.1222	MDR	MJB	DMB	10/03/06

FILEPATH:Q:\CADD-77\ConocoPhillips\6390\CP 2913 PROBE SCH FIG5.dwg | Layout Tab: Layout1 | Drafter: mramirez | Feb 26, 2007 at 14:23

LEGEND:

MW-1 — GROUNDWATER MONITORING WELL

MW-1 — DESTROYED GROUNDWATER MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

GRADIENT — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)

0.0 — GROUNDWATER ELEVATION CONTOUR (FEET)

0.0 — GROUNDWATER ELEVATION (FEET)

BUILDING

EAST FOURTH AVENUE

DRIVE

PLANTER

DRIVEWAY

LANDSCAPING

FORMER SHELL SERVICE STATION

FORMER GASOLINE USTs

JIFFY LUBE

PLANTER

MW-8

SOUTH DELAWARE STREET

FORMER WASTE OIL TANK

FORMER WHITE GAS TANK

RESIDENTIAL

MW-9

MW-1

DISPENSER ISLANDS

CANOPY

DISPENSER LINES

DRIVEWAY

GRADIENT 0.003

DISPENSER ISLAND

CANOPY

MW-2

MW-6

MW-4

76 SERVICE STATION # 6390

HOISTS

USTs

FORMER & CURRENT USTs

DRIVEWAY

FORMER WASTE OIL TANK

FORMER OIL/WATER SEPARATOR

MW-3

MW-5

SIDEWALK

MW-7

BUILDING

RESIDENTIAL BUILDING

RESIDENTIAL BUILDING

4.5 4.4 4.3 4.2

N

0 30 60

SCALE IN FEET

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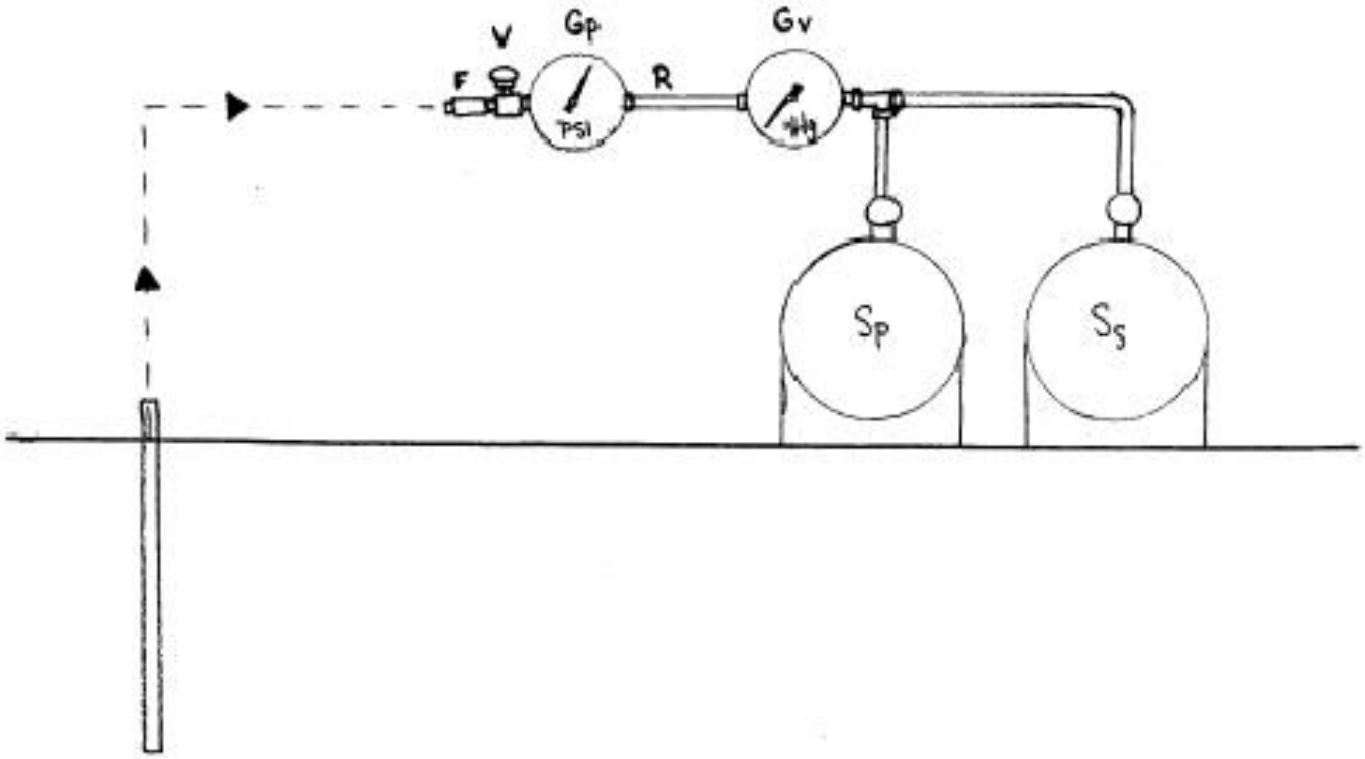
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 26, 2007

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05	MDR	MJB	DMB	2/02/07

F = Filter
V = Valve
Gp = Pressure Gauge
R = Flow Regulator
Gv = Vacuum Gauge
Sp = Purge Summa Canister
Ss = Sample Summa Canister



SOURCE: AIR TOXICS, SACRAMENTO, CALIFORNIA

NOT TO SCALE

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SOIL VAPOR SAMPLING SCHEMATIC

FIGURE: **6**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05.1222	DWR	MJB	DMB	10/03/06

FILEPATH:Q:\CADD-77\ConocoPhillips\6390\CP 2913 VAPOR SCH FIG4.dwg | Layout Tab: Layout1 | Drafter: mramirez | Feb 26, 2007 at 14:24

TABLES

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4]				Fuel Oxygenates [5]								Metals [6]				
						Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																						
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 **a**	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	**1.1**	**67**	**73**	**6.0**	**44**
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	**5.9 b**	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																						
SP-5																						
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-6																						
SB-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SB-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-6-20-20.5	20-20.5	12/15/2006	--	--	**68 e**	<0.050 **e**	<0.050 **e**	**1.6 e**	**3.3 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
SB-7																						
SB-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-20-20.5	20-20.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8																						
SB-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8-19-19.5	19-19.5	12/15/2006	--	--	**49 e**	<0.050 **e**	<0.050 **e**	**2.1 e**	**7.4 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
Groundwater Monitoring Wells																						
MW-1																						
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																						
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-3																						
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4																						
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																						
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6			--	--														--	--	--	--	--
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** **e**	**0.18** **e**	**32** **e**	**20** **e**	**110** **e**	<0.12 **e**	<0.12 **e**	<0.12 **e**	<0.025 **e**	<25 **e**	<0.12 **e**	<0.025 **e**	<5.0 **e**	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** **e**	<0.25 **e**	**1.3** **e**	**10** **e**	**38** **e**	<0.25 **e**	<0.25 **e**	<0.25 **e**	<0.050 **e**	<50 **e**	<0.25 **e**	<0.050 **e**	<10 **e**	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** **e**	**0.089** **e**	**2.7** **e**	**10** **e**	**37** **e**	<0.025 **e**	<0.025 **e**	<0.025 **e**	<0.0050 **e**	<5.0 **e**	**0.089** **e**	<0.0050 **e**	<1.0 **e**	--	--	--	--	--
MW-7			--	--														--	--	--	--	--
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-8			--	--														--	--	--	--	--
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-9			--	--														--	--	--	--	--
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
Oil/Water Separator Removal																						
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPHd	Total petroleum hydrocarbons as diesel
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 6000/7000

a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 6.4 mg/kg. The additional HVOCs were reported as non-detect.
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL was raised due to sample dilution.

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	
UST Replacement Water Sample																								
W1		--	8/25/1992	21	--	--	--	--	28,000 **a**	50,000	1,200	6,700	1,400	10,000	--	--	--	--	--	--	--	--	--	<0.050
Monitoring Wells																								
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.8	-2.93	-2.38	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.9	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	--	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--
			01/24/95	10	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.5	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.2	5.67	2.30	0	No	--	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.7	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.7	-1.83	-1.53	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--
			11/18/96	17.01	-2.14	-0.40	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/20/97	8.96	5.91	8.05	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			05/27/97	15.37	-0.50	-6.41	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			08/26/97	17.01	-2.14	-1.64	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			11/25/97	16.5	-1.63	0.51	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/13/98	6.07	8.80	10.43	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			05/21/98	11.76	3.11	-5.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/17/98	15.15	-0.28	-3.39	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/19/98	16.13	-1.26	-0.98	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/15/99	10.94	3.93	5.19	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			05/13/99	12.7	2.17	-1.76	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/10/99	15.39	-0.52	-2.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/09/99	16.28	-1.41	-0.89	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/14/00	10.38	4.49	5.90	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			05/18/00	13.62	1.25	-3.24	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			08/09/00	16.43	-1.56	-2.81	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/08/00	16.2	-1.33	0.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/14/01	13.34	1.53	2.86	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/15/01	16.63	-1.76	-3.29	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/13/02	12.46	2.41	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/26/02	16.26	-1.39	-3.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/18/03	12.09	2.78	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.0	--	--	--	--
			08/21/03	15.25	-0.38	-3.16	0	No	--	63	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<2.0	--	--	--	--
			03/30/04	12.05	2.82	3.20	0	No	--	81	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
			08/18/04	16.04	-1.17	-3.99	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
		19.46 †	03/10/05	9.66	9.80	--	0	No	--	84 **k**	1.70	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	-11.94	-16.33	0	No	--	94	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
			08/02/06	15.08	-15.08	-3.14	0	No	--	69 **l,m**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																					
MW-2	10 - 30	14.5 ♦	06/15/94	15.33	-0.83	--	0	No	--	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	--	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	--	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	--	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	--	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.54	-2.04	-1.46	0	No	--	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.8	-3.30	-1.26	0	No	--	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	
MW-2 (Cont.)			03/08/96	7.74	6.76	10.06	0	No	--	10,000	2,400	2,000	530	2,900	--	--	--	--	--	3,500	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	--	120,000	10,000	39,000	3,100	19,000	--	--	--	--	--	9,900	--	--	--	--
			08/27/96	16.5	-2.00	-3.27	0	No	--	340,000	1,000	42,000	3,800	22,000	--	--	--	--	--	5,300	--	--	--	--
			11/18/96	16.9	-2.40	-0.40	0	No	--	32,000	2,500	7,200	760	4,000	--	--	--	--	--	4,400	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	--	<250	76	3.1	<2.5	13	--	--	--	--	--	1,200	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	--	39,000	3,700	11,000	1,200	6,700	--	--	--	--	--	4,200	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	--	69,000	7,200	20,000	2,900	17,000	--	--	--	--	--	4,500	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	--	110,000	5,800	21,000	3,400	20,000	--	--	--	--	--	3,400	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	--	10,000	850	510	170	2,000	--	--	--	--	--	630	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	--	38,000	3,300	6,700	1,200	5,800	--	--	--	--	--	2,200	--	--	--	--
			08/17/98	15.2	-0.70	-3.42	0	No	--	79,000 **f**	6,100	12,000	3,000	17,000	--	--	--	--	--	3,700	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	--	430	27	20	23	120	--	--	--	--	--	17	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	--	7,600	900	170	340	1,500	--	--	--	--	--	800	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	--	53,000	4,100	7,900	2,200	12,000	--	--	--	--	--	1,800	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	--	59,000	3,300	5,300	2,600	17,000	--	--	--	--	--	1,700	--	--	--	--
			11/09/99	16.2	-1.70	-0.85	0	No	--	29,900	2,070	1,530	1,610	5,820	--	--	--	--	--	1,300	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	--	6,460	716	140	478	942	--	--	--	--	--	636	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	--	27,400	1,830	3,400	1,500	6,160	--	--	--	--	--	1,230 **i**	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	--	36,900	2,400	450	2,060	9,510	--	--	--	--	--	1,220	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	--	50,300	3,110	2,960	2,550	12,000	--	--	--	--	--	872	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	--	8,090	700	55.90	630	597	--	--	--	--	--	841	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	--	13,000	1,500	910	1,300	1,300	--	--	--	--	--	910	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	--	23,000	1,600	2,400	1,500	4,200	--	--	--	--	--	640	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	--	32,000	1,600	900	2,100	6,300	--	--	--	--	--	<250	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	--	600	93	13	3.4	46	--	--	--	--	--	98	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	--	25,000	1,300	330	1,400	5,400	--	--	--	--	--	460	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	--	9,800	790	800	1,000	1,900	--	--	--	--	--	400	--	--	--	--
			08/18/04	16	-1.50	-4.82	0	No	--	14,000	1,100	150	2,000	2,000	--	--	--	--	--	600	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	--	160	16	14	9.7	14	--	--	--	--	--	34	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	0	No	--	3,400	370	23	750	220	--	--	--	--	--	220	--	--	--	--
			03/02/06	11.89	-11.89	-15.97	0	No	--	4,100	240	85	160	420	--	--	--	--	--	140	--	--	--	--
			08/02/06	14.99	-14.99	-3.10	0	No	--	5,800 **n**	380 **n**	12 **n**	840 **n**	370 **n**	--	--	--	--	--	130 **n**	--	--	--	--
			MONITORING WELL DESTROYED ON 01/03/2007																					
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	--	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	--	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--
			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	--	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	--	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.9	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	--	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	17.95	-1.88	-1.50	0	No	--	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	19.25	-3.18	-1.30	0	No	--	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	--	3,200	1,300	99	68	240	--	--	--	--	--	1,700	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	--	1,300	350	120	42	120	--	--	--	--	--	1,300	--	--	--	--
			08/27/96	17.9	-1.83	-3.32	0	No	--	14,000	650	210	82	250	--	--	--	--	--	1,200	--	--	--	--
			11/18/96	18.19	-2.12	-0.29	0	No	--	1,700	440	90	21	150	--	--	--	--	--	1,600	--	--	--	--
			02/20/97	9.42	6.65	8.77	0	No	--	<50	1.3	<0.50	<0.50	<0.50	--	--	--	--	--	200	--	--	--	--
			05/27/97	16.67	-0.60	-7.25	0	No	--	12,000	1,700	1,000	520	2,900	--	--	--	--	--	2,400	--	--	--	--
			08/26/97	18.32	-2.25	-1.65	0	No	--	6,400	1,800	100	430	1,300	--	--	--	--	--	2,400	--	--	--	--
			11/25/97	17.4	-1.33	0.92	0	No	--	7,800	2,000	190	420	750	--	--	--	--	--	2,700	--	--	--	--
			02/13/98	6.55	9.52	10.85	0	No	--	3,900	1,000	<25	180	150	--	--	--	--	--	1,700	--	--	--	--
			05/21/98	13.11	2.96	-6.56	0	No	--	320	180	<2.0	<2.0	3.5	--	--	--	--	--	490	--	--	--	--
			08/17/98	16.51	-0.44	-3.40	0	No	--	115 **e**	25	0.99	7.3	10	--	--	--	--	--	18	--	--	--	--
			11/19/98	17.47	-1.40	-0.96	0	No	--	4,600	1,500	<12	430	190	--	--	--	--	--	1,800	--	--	--	--
			02/15/99	12.35	3.72	5.12	0	No	--	2,400	910	6.5	200	110	--	--	--	--	--	1,200	--	--	--	--
			05/13/99	13.96	2.11	-1.61	0	No	--	1,900	640	<5.0	48	77	--	--	--	--	--	1,100	--	--	--	--
			08/10/99	16.08	-0.01	-2.12	0	No	--	14,000	2,600	<50	680	2,000	--	--	--	--	--	2,000	--	--	--	--
			11/09/99	17.6	-1.53	-1.52	0	No	--	5,060	1,330	<20	292	282	--	--	--	--	--	1,440	--	--	--	--
			02/14/00	11.64	4.43	5.96	0	No	--	4,400	1,140	64.2	346	338	--	--	--	--	--	946	--	--	--	--
			05/18/00	14.89	1.18	-3.25	0	No	--	2,770	884	<10	140	109	--	--	--	--	--	735	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	
MW-3 (Cont.)			08/09/00	17.71	-1.64	-2.82	0	No	--	23,600	2,790	2,470	1,470	4,230	--	--	--	--	--	1,130	--	--	--	--
			11/08/00	17.51	-1.44	0.20	0	No	--	62,100	3,480	16,000	2,120	9,460	--	--	--	--	--	540	--	--	--	--
			02/14/01	14.58	1.49	2.93	0	No	--	32,800	2,540	2,660	2,460	7,740	--	--	--	--	--	320	--	--	--	--
			08/15/01	17.95	-1.88	-3.37	0	No	--	7,700	1,000	<20	830	1,500	--	--	--	--	--	660	--	--	--	--
			02/13/02	13.72	2.35	4.23	0	No	--	2,300	340	20	170	200	--	--	--	--	--	110	--	--	--	--
			08/26/02	17.61	-1.54	-3.89	0	No	--	5,900	960	<25	800	1,000	--	--	--	--	<5000	330	--	--	--	--
			02/18/03	13.32	2.75	4.29	0	No	--	770	160	37	9.7	70	--	--	--	--	--	46	--	--	--	--
			08/21/03	16.7	-0.63	-3.38	0	No	--	18,000	1,100	260	1,100	4,000	--	--	--	--	--	370	--	--	--	--
			03/30/04	13.35	2.72	3.35	0	No	--	720	140	<1.0	6.0	14	--	--	--	--	--	47	--	--	--	--
			08/18/04	17.43	-1.36	-4.08	0	No	--	3,500	740	<2.5	25	15	--	--	--	--	--	150	--	--	--	--
		20.69 †	03/10/05	10.89	9.80	--	0	No	--	130	43	1.0	1.0	6.2	--	--	--	--	--	19	--	--	--	--
			08/11/05	16.44	4.25	-5.55	0	No	--	1,900	260	6.1	12	26	--	--	--	--	--	140	--	--	--	--
			03/01/06	13.29	-13.29	-17.54	0	No	--	2,100	330	3.6	14	58	--	--	--	--	--	120	--	--	--	--
			08/02/06	16.37	-16.37	-3.08	0	No	--	2,100	230 **n**	11	44	240	--	--	--	--	--	85	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																					
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	--	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	--	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.51	-2.13	-1.36	0	No	--	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.82	-3.44	-1.31	0	No	--	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	--	44,000	3,400	11,000	1,300	7,200	--	--	--	--	--	1,700	--	--	--	--
			05/29/96	13.3	1.08	-5.42	0	No	--	100,000	5,100	28,000	3,200	19,000	--	--	--	--	--	4,000	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	--	41,000	2,200	3,300	780	4,000	--	--	--	--	--	500	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	--	29,000	2,300	4,000	1,100	5,600	--	--	--	--	--	3,000	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	--	<250	65	3.70	<2.5	15	--	--	--	--	--	1,100	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	--	5,500	690	460	200	1,600	--	--	--	--	--	290	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	--	21,000	1,600	3,000	1,000	5,400	--	--	--	--	--	530	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	--	24,000	1,000	2,300	840	4,800	--	--	--	--	--	250	--	--	--	--
			02/13/98	5.8	8.58	10.07	0	No	--	62 **e**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--
			05/21/98	11.86	2.52	-6.06	0	No	--	86	0.86	<0.50	<0.50	<0.50	--	--	--	--	--	8.4	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	--	120	3.1	6.5	<0.50	18	--	--	--	--	--	6.4	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	--	230	7.8	42	5.5	43	--	--	--	--	--	<2.5	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	--	68 **e**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.0	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	--	1,320	38	211	50	228	--	--	--	--	--	<25	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	--	51.3	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.86	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	--	534	8.75	62	26.3	131	--	--	--	--	--	2.56	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	--	2,190	34	347	70.6	536	--	--	--	--	--	<12.5	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	--	287	5.37	13.4	9.52	32.9	--	--	--	--	--	16.9	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	--	490	4.2	48	20	140	--	--	--	--	--	2.7	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	--	58 **e**	2.30	<0.50	<0.50	1.60	--	--	--	--	--	21	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	--	180	1.50	15	1.10	55	--	--	--	--	--	<2.5	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	--	550	58	3.50	<0.50	110	--	--	--	--	--	33	--	--	--	--
			08/21/03	15.3	-0.92	-3.18	0	No	--	120	<0.50	<0.50	<0.50	1.20	--	--	--	--	--	<2.0	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	--	220	0.91	<0.50	1.50	1.30	--	--	--	--	--	24	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	--	81	<0.50	<0.50	0.60	2.80	--	--	--	--	--	<0.50	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	--	8,600	290	360	560	1,800	--	--	--	--	--	41	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	--	140	3.9	6.1	2.2	7.7	--	--	--	--	--	0.23	--	--	--	--
			03/01/06	11.91	-11.91	-15.82	0	No	--	2,800	70	37	200	370	--	--	--	--	--	43	--	--	--	--
			08/02/06	15.08	-15.08	-3.17	0	No	--	170 **l,m**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	0.84	--	--	--	--
		19.02	01/26/07	14.91	4.11	--	0	No	--	<50 **o**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**83**	--
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	--	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.8	0.45	-1.11	0	No	--	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.1	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.51	-2.26	-1.41	0	No	--	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.77	-3.52	-1.26	0	No	--	200 **d**	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	--	310	93	0.95	0.62	4.10	--	--	--	--	--	2,100	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	--	180	9.70	12	1.70	8.10	--	--	--	--	--	730	--	--	--	--
			08/27/96	16.5	-2.25	-3.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	69	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	--	91	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	26	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	--	<50	2.30	<0.50	<0.50	0.87	--	--	--	--	--	280	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates 1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	Organic [6] Lead (mg/L)
MW-5 (Cont.)			05/27/97	15.23	-0.98	-6.45	0	No	--	91	<0.50	<0.50	<0.50	0.62	--	--	--	--	--	20	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	--	81	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	--	110	1.40	1.10	0.55	3.10	--	--	--	--	--	9	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	--	100 e	0.53	<0.50	<0.50	<0.50	--	--	--	--	--	22	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	--	120	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	73	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	--	110	110	<0.50	<0.50	<0.50	--	--	--	--	--	11	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	--	100 g	1.20	<0.50	0.50	0.88	--	--	--	--	--	13	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	--	110 e	<0.50	<0.50	<0.50	8.80	--	--	--	--	--	8.80	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	--	98	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	7.10	--	--	--	--
			08/10/99	15.4	-1.15	-2.73	0	No	--	120 f	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	--	120 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	--	133 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	13.30	--	--	--	--
			05/18/00	13.55	0.70	-3.48	0	No	--	114 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	24.10	--	--	--	--
			08/09/00	16.5	-2.25	-2.95	0	No	--	180 j	0.53	2.09	<0.50	2.19	--	--	--	--	--	7.76	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	--	131	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	2.86	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	--	175 e	<0.50	0.54	<0.50	0.69	--	--	--	--	--	13.40	--	--	--	--
			08/15/01	16.55	-2.30	-3.48	0	No	--	390	3.40	38	16	110	--	--	--	--	--	<2.5	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	--	100 e	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	10	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	--	310	7.20	33	4.60	76	--	--	--	--	--	<2.5	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	--	400	64	<1.0	<1.0	6.40	--	--	--	--	--	210	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	--	310	3.30	4.30	1.10	14.00	--	--	--	--	--	2.10	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	--	360	13	<0.50	<0.50	<1.0	--	--	--	--	--	73	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	--	50,000	740	830	2,200	20,000	--	--	--	--	--	120	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	--	530	7.80	<1.0	<1.0	2.40	--	--	--	--	--	320	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	--	350	12	6.3	2.5	32	--	--	--	--	--	3.2	--	--	--	--
			03/01/06	11.82	-11.82	-15.64	0	No	--	460	2.8	<0.50	<0.50	<1.0	--	--	--	--	--	43	--	--	--	--
			08/02/06	15.04	-15.04	-3.22	0	No	--	370 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.4	--	--	--	--
			MONITORING WELL DESTROYED ON 01/04/2007																					
MW-6	13 - 19	19.07 ‡	01/26/07	14.79	4.28	--	0	No	--	**67,000 n**	**380 n**	**8,600 n**	**3,600 n**	**17,000 n**	--	--	--	--	--	**62**	--	--	<0.50	--
MW-7	22 - 25	21.74 ‡	01/26/07	17.17	4.57	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**100 n**	--
MW-8	17 - 30	18.42 ‡	01/26/07	14.09	4.33	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**26**	--
MW-9	11.5 - 15	19.42 ‡	01/26/07	14.90	4.52	--	0	No	--	<50 o	<0.50	<0.50	<0.50	**0.73**	--	--	--	--	--	<0.50	--	--	**10**	--
Soil Borings																								
SP-1	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
SP-2	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
SP-3	--	--	02/14/96	10.5	--	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	0	--	--	**21,000 n**	**1,300 n**	**1,500 n**	**1,400 n**	**4,000 n**	<10 n	<10 n	<10 n	<10 n	<5000 n	**330 n**	<10 n	<200 n	-- n	--
SP-6	--	--	12/15/06	15	--	--	0	--	--	**38,000 n**	<10 n	<10 n	**570 n**	**660 n**	<10 n	<10 n	<10 n	<10 n	<5000 n	<10 n	<10 n	<200 n	-- n	--
SP-7	--	--	12/15/06	32	--	--	0	--	--	<50 q	<0.50	<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**90**	--
SP-8	--	--	12/15/06	15.2	--	--	0	--	--	**51,000 n**	**110 n**	**100 n**	**3,000 n**	**9,600 n**	<10 n	<10 n	<10 n	<10 n	<5000 n,p	<10 n	<10 n	<200 n	-- n	--

Notes:

<	Denotes less than laboratory PQL	1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	PCE	Tetrachloroethene	TBA	Tertiary butyl alcohol
--	Not analyzed/applicable/measured	DIPE	Di-isopropyl ether	GW	Groundwater	PQL	Practical Quantitaion Limit	TOC	Top of casing
mg/L	Milligrams per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	EPA	U.S. Environmental Protection Agency	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether	TPHd	Total petroleum hydrocarbons as diesel

♦ The elevations have been surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
† The TOC elevations were re-surveyed by Morrow Surveying to the NAVD 88 Datum by GPS observations on 8/13/2005.
‡ The TOC elevations were surveyed by Morrow Surveying to the NAVD 88 Datum by GPS Observations on 1/18/2007.

1 Analyzed by EPA Method 3510/3520/8015.
2 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
3 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4 Analyzed by EPA Method 8260B.
5 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
6 Analyzed by California LUFT Manual, 12/87.

a Chromatograph pattern: diesel and non-diesel mixture (<C16; >C22).
b The presence of MTBE was potentially identified at reportable levels.
c The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
d The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
e Chromatograph pattern: unidentified hydrocarbons C6-C12

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6]
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	Lead (mg/L)

f Chromatograph pattern: weathered gasoline: C6-C12
g Chromatograph pattern: discrete peaks C8-C12
h Chromatograph pattern: discrete peaks
i Sample was additionaly run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
j Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
k The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
l Chromatogram not typical of gasoline.
m TPPH was positive due to tetrachloroethane present in the sample.
n PQL was raised due to sample dilution.
o Tetrachloroethene was subtracted from the gasoline range TPH.
p The Continuing Calibration Verification (CCV) recovery was not within established control limits.
q The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.

Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and the present.

TABLE 3
HISTORICAL GROUNDWATER GRADIENT DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Monitoring Date	Groundwater Gradient (feet/feet)		Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
09/26/94	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/20/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12/12/94	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/24/95	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
04/07/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
05/31/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
06/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/25/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09/08/95	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12/08/95	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/08/96	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
05/29/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/27/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/96	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/20/97	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/27/97	0.03		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/26/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/25/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/98	0.01	♦	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/21/98	0.004 - 0.02		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/17/98	0.003	♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/19/98	0.004 - 0.03		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/15/99	0.002 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/13/99	0.004 - 0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/10/99	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/09/99	0.002 - 0.003	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/00	0.001 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/18/00	0.007 - 0.02	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/09/00	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/08/00	0.004 - 0.05	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/01	0.005 - 0.01	♦♦♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/15/01	0.004 - 0.02	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/02	0.005 - 0.03	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
08/26/02	♦♦♦♦																	
02/18/03	0.005 - 0.03	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
08/21/03	0.004 - 0.02	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
03/30/04	0.003	♦♦																
08/18/04	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/10/05	0.003		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/11/05	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/01/06	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/02/06	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/26/07	**0.003**		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		Sum																
Average =	0.006		0	0	4	0	21	8	8	0	0	0	0	0	0	0	0	0

Notes:

♦ Wells from Arco Station #0515 at 300 Delaware used in creating groundwater contours.

♦♦ Groundwater flow direction was variable.

♦♦♦ Wells from Arco Station #0515, at 300 Delaware Street, and Tosco Station #4178, at 615 Third Avenue, used in creating groundwater contours.

♦♦♦♦ Gradient and flow direction data missing from file copy of report.

TABLE 4
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
Soil Borings															
SP-5															
SP-5-9.5-10	9.5-10	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
SP-5-14.5-15	14.5-15	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-5-19.5-20	19.5-20	12/15/2006	**7.0 b**	**0.017**	**0.34 b**	**0.091 b**	**0.57 b**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-6															
SB-6-7-7.5	7-7.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
SB-6-11.5-12	11.5-12	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-6-15.5-16	15.5-16	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-6-20-20.5	20-20.5	12/15/2006	**68 b**	<0.050 **b**	<0.050 **b**	**1.6 b**	**3.3 b**	<0.050 **b**	<0.050 **b**	<0.050 **b**	<0.010 **b**	<10 **b**	<0.050 **b**	<0.010 **b**	<2.0 **a,b**
SB-7															
SB-7-11.5-12	11.5-12	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-15.5-16	15.5-16	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-20-20.5	20-20.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-23.5-24	23.5-24	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-27.5-28	27.5-28	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-31-31.5	31-31.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8															
SB-8-7-7.5	7-7.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8-11-11.5	11-11.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8-15.5-16	15.5-16	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8-19-19.5	19-19.5	12/15/2006	**49 b**	<0.050 **b**	<0.050 **b**	**2.1 b**	**7.4 b**	<0.050 **b**	<0.050 **b**	<0.050 **b**	<0.010 **b**	<10 **b**	<0.050 **b**	<0.010 **b**	<2.0 **a,b**
Monitoring Wells															
MW-6															
MW6@6-6.5'	6-6.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW6@11-11.5'	11-11.5	1/3/2007	**550 b**	**0.18 b**	**32 b**	**20 b**	**110 b**	<0.12 **b**	<0.12 **b**	<0.12 **b**	<0.025 **b**	<25 **b**	<0.12 **b**	<0.025 **b**	<5.0 **b**
MW6@16.5-17'	16.5-17	1/3/2007	**1,300 b**	<0.25 **b**	**1.3 b**	**10 b**	**38 b**	<0.25 **b**	<0.25 **b**	<0.25 **b**	<0.050 **b**	<50 **b**	<0.25 **b**	<0.050 **b**	<10 **b**
MW6@19.5-20'	19.5-20	1/3/2007	**310 b**	**0.089 b**	**2.7 b**	**10 b**	**37 b**	<0.025 **b**	<0.025 **b**	<0.025 **b**	<0.0050 **b**	<5.0 **b**	**0.089 b**	<0.0050 **b**	<1.0 **b**
MW-7															
MW7@6-6.5'	6-6.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@11-11.5'	11-11.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@16.5-17'	16.5-17	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@18-18.5'	18-18.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@21.5-22'	21.5-22	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@26-26.5'	26.26.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20

TABLE 4
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
MW-8															
MW8@6-6.5'	6-6.5	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW8@11-11.5'	11-11.5	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW8@13-13.5'	13-13.5	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW8@17.5-18'	17.5-18	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW-9															
MW9@6-6.5'	6-6.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW9@11-11.5'	11-11.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW9@16-16.5'	16-16.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	ETBE	Ethyl tertiary butyl ether	TAME	Tert-amyl methyl ether
bgs	below ground surface	EDB	Ethylene dibromide	MTBE	Methyl tertiary butyl ether	TBA	Tertiary butyl alcohol
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	PQL	Practical Quantitaion Limit	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane						

1 Analyzed by EPA Method 8260.

a The Continuing Calibration Verification (CCV) recovery was not within established control limits.
b The PQL was raised due to sample dilution.

TABLE 5
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC [1] Elevation (feet)	Date Sampled	Depth to GW [2] (feet)	GWE (feet)	SPH Thickness (feet)	Sheen	TPPH [3] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates [3] 1,2-DCA (µg/L)	DIPE (µg/L)	EDB (µg/L)	ETBE (µg/L)	Ethanol (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	PCE (µg/L)
Soil Borings																					
SP-5	--	--	12/15/2006	15.6	--	0	--	**21,000 a**	**1,300 a**	**1,500 a**	**1,400 a**	**4,000 a**	<10 a	<10 a	<10 a	<10 a	<5000 a	**330 a**	<10 a	<200 a	-- a
SP-6	--	--	12/15/2006	15	--	0	--	**38,000 a**	<10 a	<10 a	**570 a**	**660 a**	<10 a	<10 a	<10 a	<10 a	<5000 a	<10 a	<10 a	<200 a	-- a
SP-7	--	--	12/15/2006	32.0	--	0	--	<50 d	<0.50	<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**90**
SP-8	--	--	12/15/2006	15.2	--	0	--	**51,000 a**	**110 a**	**100 a**	**3,000 a**	**9,600 a**	<10 a	<10 a	<10 a	<10 a	<5000 a,c	<10 a	<10 a	<200 a	-- a
QCTB	--	--	12/15/2006	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	<0.50
Monitoring Wells																					
MW-4	7 - 27	19.02	1/26/2007	14.91	4.11	0	No	<50 b	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**83**
MW-6	13 - 19	19.07	1/26/2007	14.79	4.28	0	No	**67,000 a**	**380 a**	**8,600 a**	**3,600 a**	**17,000 a**	--	--	--	--	--	**62**	--	--	<0.50
MW-7	22 - 25	21.74	1/26/2007	17.17	4.57	0	No	<50 b	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**100 a**
MW-8	17 - 30	18.42	1/26/2007	14.09	4.33	0	No	<50 b	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**26**
MW-9	11.5 - 15	19.42	1/26/2007	14.90	4.52	0	No	<50 b	<0.50	<0.50	<0.50	**0.73**	--	--	--	--	--	<0.50	--	--	**10**
QCTB	--	--	1/24/2007	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	<0.50

Notes:

<	Denotes less than laboratory PQL	1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	PCE	Tetrachloroethene	TBA	Tertiary butyl alcohol
--	Not analyzed / applicable / measured	DIPE	Di-isopropyl ether	GW	Groundwater	PQL	Practical Quantitaion Limit	TOC	Top of casing
µg/L	micrograms per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TPPH	Total purgeable petroleum hydrocarbons
bgs	Below ground surface	EPA	Environmental Protection Agency	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether		

1 TOC elevations were surveyed by Morrow Surveying to the NAVD 88 Datum by GPS observations on 1/18/2007.
2 Depth was recorded from below ground surface for soil borings and from below the TOC for monitoring wells.
3 Analyzed by EPA Method 8260

a The PQL was raised due to sample dilution.
b Tetrachloroethene was subtracted from the gasoline range TPH.
c The Continuing Calibration Verification (CCV) recovery was not within established control limits.
d The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.

TABLE 6
SOIL VAPOR ANALYTICAL RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Date Sampled	Leak-Check Compund	TPPH [1]	BTEX [2]					Fuel Oxygenates [2]										Atmospheric Gases [3]		
		2-Propanol ($\mu g/m^3$)	($\mu g/L$)	Benzene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	m,p-Xylene ($\mu g/m^3$)	o-Xylene ($\mu g/m^3$)	1,2-DCA ($\mu g/m^3$)	1,3-DCB ($\mu g/m^3$)	1,4-DCB ($\mu g/m^3$)	EDB ($\mu g/m^3$)	ETBE ($\mu g/m^3$)	Ethanol ($\mu g/m^3$)	IPE ($\mu g/m^3$)	MTBE ($\mu g/m^3$)	TAME ($\mu g/m^3$)	TBA ($\mu g/m^3$)	Oxygen (%)	Methane (%)	Carbon Dioxide (%)
VP-1																					
	1/19/2007	<7.2	<0.15	<2.3	**16**	<3.2	**8.2**	<3.2	<3.0	<4.4	<4.4	<5.6	<12	<5.5	<12	<2.6	<12	<22	**22**	<0.00015	**0.46**
	2/1/2007	<6.6	<0.14	<2.1	**5.4**	<2.9	**6.3**	**3.5**	<2.7	<4.0	<4.0	<5.1	<11	<5.0	<11	<2.4	<11	<20	**21**	<0.00013	**0.52**
VP-2																					
	1/19/2007	<6.8	<0.14	<2.2	**3.4**	**3.2**	**3.5**	**13**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**22**	<0.00014	**0.63**
duplicate	1/19/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	<0.00014	**0.64**
	2/1/2007	<6.8	<0.14	<2.2	<2.6	<3.0	<3.0	**6.3**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**21**	<0.00014	**0.55**
VP-3																					
	1/19/2007	<7.3	**0.75**	<2.2	**13**	**14**	**42**	**29**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	**21**	<0.00015	**0.98**
duplicate	1/19/2007	<7.3	--	<2.4	**13**	**15**	**43**	**30**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	--	--	--
	2/1/2007	**12**	**0.27**	<2.2	**3.7**	**5.8**	**7.8**	**12**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**20**	<0.00014	**1.0**
duplicate	2/1/2007	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUBSLAB																					
	2/6/2007	**16**	<0.23	<3.6	<4.2	<4.8	<4.8	<4.8	<4.5	<6.7	<6.7	<8.6	<19	<8.4	<19	<4.0	<19	<34	**20**	<0.00022	**1.7**

Notes:

<	Denotes less than laboratory reporting limits	1,3-DCB	1,3-Dichlorobenzene	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether
%	Percent	1,4-DCB	1,4-Dichlorobenzene	ETBE	Ethyl tertiary butyl ether	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	1,2-DCA	1,2-Dichloroethane	IPE	Isopropyl ether	TBA	Tertiary butyl alcohol
$\mu g/m^3$	Micrograms per cubic meter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether		

1 Analyzed by Modified EPA Method TO-3 GC/FID as TPH (total petroleum hydrocarbons - gasoline range)
2 Analyzed by Modified EPA Method TO-14A GC/MS Full Scan
3 Analyzed by ASTM D-1946

APPENDIX A
SMCHD-GPP CORRESPONDENCE AND PERMITS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

HEALTH DEPARTMENT

May 1, 2006

RECEIVED
MAY 03 2006
BY:----------

SMCo Site #110069
APN: 034-186-110

Thomas Kosel
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Kosel:

Thank you for the December 5, 2005, work plan prepared by SECOR International Incorporated. Unfortunately, San Mateo County Groundwater Protection Program (GPP) staff cannot approve the work plan for the following reasons: 1) insufficient detail was provided to evaluate the value of the proposed work; 2) the proposed work appeared insufficient to meet the objective; and 3) some of the specified field protocols violate County requirements without justification. We must say we were disappointed with the work plan considering it was submitted almost eight months after it was due.

The laboratory results from the analysis of soil samples indicates the greatest hydrocarbon impact in soil is generally between 15 and 18 feet below grade (fbg). In addition, the boring logs indicate the site is underlain by an interbedded sequence of low and high permeability soils. Therefore, the laboratory results from SP-1, SP-2, and SP-4 have limited use to assess the lateral and vertical extent of dissolved-phase hydrocarbons because these borings were drilled to only 13 fbg. This situation was discussed at the bottom of Page One of our letter dated January 20, 2005. However, it appears the work plan only proposes to sample "first" groundwater (Bullet #3 on Page Five). The work plan does indicate an additional groundwater sample will be collected from the "desired depth" from a hydropunch drilled in an adjacent boring if a low-permeability layer is encountered, but we cannot establish what this action proposes to investigate. Therefore, we cannot approve the work because we cannot establish if it has a reasonable chance of obtaining the objective (assessment of dissolved-phase plume). Clearly, there is sufficient historical data to propose and justify grab groundwater sampling intervals. Furthermore, we expect the work plan to indicate what sample selection will be based on if field data do not support the historical data. It is imperative soil and groundwater sample selection for laboratory analysis not only be based on PID readings and depth to groundwater, as stated in the work plan, but also stratigraphy, distance from source areas, and the depth of previously identified impacts.

GPP staff concur Monitoring Wells MW-5 and MW-1 through MW-3 should be destroyed because they are screened across low permeability strata. We also concur some replacement wells are necessary. However, the work plan simply proposed to install one replacement well per destroyed well and did not provide any details on the proposed construction of the replacement wells. Again, we would argue there is sufficient historical data to propose and

justify the number of replacement wells and appropriate screened interval(s). Furthermore, we expect the work plan to indicate what the screened interval will be based on if field data does not support the historical data (just saying stratigraphy is not sufficient). ConocoPhillips might be able to justify not installing a replacement well near MW-1 to monitor the sand and gravel between 20 and 25 fbg based on the laboratory results from the historical analysis of groundwater samples from MW-1 when depth to groundwater was >15 fbg (below the uppermost gravel layer). Also, installing the replacement well(s) for MW-3 a little further southwest (e.g. 10 feet) of the existing location may assist in assessment.

The proposed subsurface vapor sampling locations appear reasonable. However, the work plan was extremely inadequate in discussing the proposed vapor sampling work. It is essential all details of the sampling apparatus and sampling methodology be provided and justified (especially given the high failure rates we have seen in performing this task). Furthermore, some of the proposed vapor sampling procedures (e.g. using a Tedlar bag for the vapor sample; raising drill rod before installing and sealing sample tubing; using bentonite to backfill the unsaturated zone portion of vapor borings) violate GPP requirements. Proposed deviations from our requirements must be justified in the work plan. Please note, the groundwater monitoring well portion of the field procedures in Attachment 3 indicates the stability criterion for pH is 0.1%. In addition, the Well Installation and Groundwater Monitoring Well Development portion of the field procedures in Attachment 3 indicates the balance of the borehole above the two-foot-thick bentonite seal placed above the filter pack will consist of bentonite. These procedures would also violate County requirements.

Please upload a revised work plan to the State Geotracker database by **June 26, 2006**. The revised work plan should include the area map prepared by Morrow Surveying in December 2005 (Page Four of the December 2005 work plan).

Please call me at (650) 363-4972 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, P.O. Box 1539, Paso Robles, CA 93447-1539
Diane Barclay, SECOR, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

HEALTH DEPARTMENT

October 18, 2006

SMCo Site #110069
APN: 034-186-110

Thomas Kosel
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Kosel:

Thank you for the June 22, 2006, work plan prepared by SECOR International Incorporated. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of this work plan and the project file.

The three monitoring wells at the Jiffy Lube site on Figure 2 were installed for the former Shell station at 407 S. Delaware Street. The field point name (FPN) of these wells is S-1, S-2, and S-3 (northwest, northeast, and southeast of the former UST cavity, respectively). These wells were destroyed in September 2001 as a condition of case closure. Please update the electronic file of Figure 2 to show the proper FPN of these wells and to indicate these wells were destroyed.

Page Five of the work plan proposes to collect soil samples from many depths for hydrocarbon analysis. One of the proposed depths is the bottom of the borehole. Please note, the objective of collecting soil samples below the water table is to assess the thickness of the smear zone and give an indication of groundwater contamination if groundwater samples cannot be collected from that depth. Simply deciding to sample soil at the total depth of the boring may or may not provide useful data for hydrocarbon assessment.

GPP staff are concerned that the proposed depth discrete groundwater sampling method may cross-contaminate groundwater samples collected below the water table. Groundwater may enter the boring through the bottom of the drill rod when soil samples are retrieved causing groundwater from different depths to mix and potentially cross-contaminate the hydropunch tool when it is lowered through the drill pipe. In addition, collecting soil and groundwater from the same drilling location makes it impossible to sample groundwater from a particular soil sample depth (i.e. one must assume the lithology surrounding the hydropunch is similar to the lithology of the previously logged soil sample). Nevertheless, to expedite the work, GPP staff will approve the depth discrete groundwater sampling portion of the work plan if the following conditions are implemented:

- Drill two borings at each depth discrete groundwater sampling location (one for soil logging to select appropriate groundwater sampling depths, the other to collect depth

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OCT 20 2006
By

discrete groundwater samples using a Waterloo Profiler or similar tool) unless you can demonstrate the proposed sampling method will obtain representative samples; and

- Delete proposed boring SP-5 unless you can demonstrate adequate smear zone assessment cannot be obtained from the boring proposed for MW-6.

The well destruction and vapor sampling portion of the work plan is approved with the following conditions:

- Destroy MW-5 and MW-1 through MW-3 as proposed in Bullet Three on Page Four of the work plan, not MW-1 and MW-3 through MW-5 as proposed on the top of Page Four of the work plan;

- Ensure the Swagelok® valve at the end of the tubing in the well box is installed in the closed position;

- Use bentonite granules, not powder, and limit bentonite thickness above the sand pack to 0.5 foot;

- Base the adequacy of vapor purging on vacuum drop, not time (submit purge calculations with the drilling permit application);

- Include the volume of air in the filter pack in purge calculations;

- Generate a isopropyl alcohol atmosphere around all connections not tested by the equipment leak (vacuum) test;

- Collect at least one additional subsurface vapor sample beneath the southeast portion of the station building to evaluate if a current vapor inhalation risk may exist to the occupants of the station building; and

- Do not collect vapor samples <5 days after the occurrence of measurable precipitation unless you can demonstrate such data would be representative of subsurface conditions.

GPP staff approve the replacement wells proposed for the onsite wells. However, it appears the construction of the offsite wells should be postponed pending the results of the depth discrete groundwater sampling. In the interim, please consider drilling additional depth discrete groundwater sampling boring pairs near MW-8, SP-4, and MW-5. The need and proposed construction of offsite wells can be recommended in the report on the depth discrete groundwater sampling.

The assessment report must include waste manifest(s), base 10 scaled figures showing all sampling locations to date, and tables summarizing historical gauging data and the laboratory results of all soil, groundwater, and vapor sample analyses performed to date (one table for soil, one for groundwater, and one for vapor). Do not simply include historical tables in an appendix. Each table should indicate the date and depth of sample collection, as appropriate, and the proper FPN. In addition, the site plan in the report should show the limits of excavation stated on Page Two of the work plan.

Table 1 and Paragraph One of Page Two of the work plan cite ethylbenzene, xylenes, nickel, and lead concentrations for Samples A1 through SW3 that differ from the concentrations listed in Tables 5 and 6 of the Kaprealian report dated May 11, 1995. Please verify these concentrations before finalizing the tables in the assessment report. Please upload the report and associated EDFs, GeoWell, GeoBore, GeoMap, and GeoXYZ files to the State Geotracker database by **February 28, 2007**.

Compliance Issues

Review of the State Geotracker database indicates a corrected GeoMap file for denied Confirmation # 6794980704 has not been uploaded as required. Please upload this file by **February 28, 2007**.

A recent public hearing notice mailed to GPP staff by the City of San Mateo indicated the property owner's address was 555 Laurel Avenue, Apartment #425 in San Mateo, California. Our records indicate the property owner lives in Paso Robles, California. Please investigate this discrepancy and notify GPP staff of the property owner's current address. I can be reached at (650) 363-4972 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, P.O. Box 1539, Paso Robles, CA 93447-1539
Diane Barclay, SECOR, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

ORDINANCE: 03101

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 06- 1878

P/E: 2010 MONITORING WELLS/BORINGS - INSTALLATION

FACILITY:
402 SOUTH DELAWARE STREET, SM

OWNER:
CONOCO PHILLIPS
76 BROADWAY
SACRAMENTO

WP0005157
NO APN LISTED
AMOUNT PAID: 466.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (9)
MONITORING WELL INSTALLATION
MONITORING WELL DESTRUCTION
CONSULTANT: SECOR INTERNATIONAL
(DIANE BARCLAY)
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 12/5/2006

EXPIRATION DATE: 3/5/2007

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SUBSURFACE DRILLING APPLICATION
ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
455 COUNTY CENTER, REDWOOD CITY 94063
VOICE (650)363-4305 FAX (650) 363-7882

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☒ MONITORING WELL INSTALLATION ☒ MONITORING WELL DESTRUCTION ☐ GW EXTRACTION ☒ CONSTRUCT SOIL BORINGS ☐ VAPOR MONITORING or EXTRACTION ☐ AIR SPARGING

NO. OF WELLS Installation/destruction NO. OF BORINGS 9 WELL/BORING DESIGNATION# MW-5, MW-8, SB-5a, SB-5b, SB-6a, SB-6b, SB-7a, SB-7b, SB-8a, SB-8b

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY: ☒ COUNTY GROUNDWATER PROTECTION PROGRAM ☐ RWQCB/DTSC ☐ OTHER

Drilling Location 76 Station No. 6390 Assessor's Parcel #

Address 402 South Delaware Street City, State, ZIP San Mateo, CA 94402

To be Constructed in: ☒ Public Sidewalk ☒ Roadway ☐ Public Property Private Property ☐ Refuse ☐ Other

Proposed Depth Wells/Borings 35' Drilling/Destruction Method Hollow Stem Auger and Dual Wall Grasp

Boring Diameter 8" well, 4" boring Casing Diameter 2" Slot Size 0.020

Gravel Pack Size #3 sand Screen Interval/Depth 10-35' and 20-25'

Development Method Surge and purge 10 casing volumes (additional 72 hour staff notification required)

WELL/BORING OWNER:

Name: Conoco Phillips Contact Person Jim Trotter

Address: 76 Broadway City, State, ZIP Sacramento, CA 95818

Telephone (602) 452-2507

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's Signature James F Trotter Date 12/1/06

PROPERTY OWNER: *(IF DIFFERENT FROM WELL/BORING OWNER)*

Name City of San Mateo Contact Person

Address SEE Attached Letter City, State, ZIP

Telephone

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)*

Property Owner's Signature (SEE ATTACHED OL) Date

DRILLING COMPANY: Gregg Drilling and Testing Inc Contact Person Chris Prentice-Mary Walden

Address: 950 Howe Road Drillers License # C57: 485165

City, State, ZIP Martinez, CA 94553 Telephone (925) 313-5800

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature Date 12-1-06

CONSULTANT COMPANY: SECOR International Project Manager Diane Barclay

Address: 3017 Kilgore Road, Suite 100 Telephone (916) 861-0741

City, State, ZIP Rancho Cordova, CA 95670 Responsible Professional Diane Barclay CHG

I certify that this application is correct to the best of my knowledge. I certify that the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Condition "D" of this permit. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Signature Diane Barclay Date 11/28/06

California Professional Geologist (PG) or Civil Engineer No. 4369

Please see reverse side of application for requirements and general permit conditions

Revised March 2006

SUBSURFACE DRILLING APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations must be included with the permit application. The well/boring location map must include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale. As-built locations/dimensions must be finalized in subsequent report of findings.

A workplan is required by County Staff. Upon review of information on this application and the submitted workplan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling date and time must be scheduled with County staff at least three (3) working days in advance of field work.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived wastes are the responsibility of the consultant unless stated otherwise contractually.

E. In addition to the County copy of the State DWR Form 188, boring logs and well construction details for all borings/wells, signed by a Responsible Professional, must be submitted to County GPP within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in construction procedure, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County.

G. Permit may be voided if field check reveals any misrepresentation of proposed well/boring locations on this permit application, the attached location map, or the submitted workplan.

H. Permit is valid for one mobilization only and is automatically canceled if not exercised, or if an extension is not requested by Responsible Professional and granted by County GPP, within 90 days of permit issuance date. Failure to notify staff of cancellation or delay in start time, in a timely manner, may result in additional hourly charges to be invoiced to the consultant by GPP Staff.

I. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

J. All workplans and reports related to work performed under County oversight must conform to County GPP guidelines, Regional Water Quality Control Board guidelines, and State Water Well Standards.

K. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: PER APPROVED WORK PLAN

Approved: _____ Date: 12/5/06

Revised March 2006

ORDINANCE: 03101

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 06- 1880

P/E: 2010 **MONITORING WELLS/BORINGS - INSTALLATION**

FACILITY:
402 SOUTH DELAWARE STREET, SM

OWNER:
CONOCO PHILLIPS
76 BROADWAY
SACRAMENTO

WP0005158
034-186-110
AMOUNT PAID: 466.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING WELL INSTALLATION (3)
MONITORING WELL DESTRUCTION (3)
CONSULTANT: SECOR INTERNATIONAL
(DIANE BARCLAY)
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 12/5/2006

EXPIRATION DATE: 3/5/2007

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
DEC 0 5 2006
RECEIVED

SUBSURFACE DRILLING APPLICATION
ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
459 COUNTY CENTER, REDWOOD CITY 94063
VOICE (650)363-4305 FAX (650) 363-7882

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☒ MONITORING WELL INSTALLATION ☒ MONITORING WELL DESTRUCTION ☐ GW EXTRACTION ☐ CONSTRUCT SOIL BORINGS ☐ VAPOR MONITORING or EXTRACTION ☐ AIR SPARGING

NO. OF WELLS 3 installation 3 destruction NO. OF BORINGS ____ WELL/BORING DESIGNATION# MW-1, MW-2, MW-3, MW-6, MW-7, MW-9

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY: ☒ COUNTY GROUNDWATER PROTECTION PROGRAM ☐ RWQCB/DTSC ☐ OTHER ____

Drilling Location 76 Station No. 6390 Assessor's Parcel # 034-186-110

Address 402 South Delaware Street City, State, ZIP San Mateo, CA 94401

To be Constructed in: ☐ Public Sidewalk ☐ Roadway ☐ Public Property ☐ Private Property ☐ Refuse ☐ Other ____

Proposed Depth Wells/Borings 35 feet Drilling/Destruction Method Hollow Stem Auger

Boring Diameter 8" Casing Diameter 2" Slot Size 0.020

Gravel Pack Size #3 Sand Screen Interval/Depth 10-15' and 20-25'

Development Method Surge and purge 10 casing Volumes (additional 72 hour staff notification required)

WELL/BORING OWNER:

Name: Conoco Phillips Contact Person Jim Trotter

Address: 76 Broadway City, State, ZIP Sacramento, CA 95818

Telephone (602) 952-2507

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's Signature James F. Trotter **Date** 12/1/06

PROPERTY OWNER *(IF DIFFERENT FROM WELL/BORING OWNER)*

Name Lucile Co Benedetti, Trustee Contact Person ____

Address 555 Laurel Ave, Apt. 475 City, State, ZIP San Mateo, CA 94401

Telephone (650) 340-9995

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)*

Property Owner's Signature Lucile B. Benedetti **Date** 11/30/06

DRILLING COMPANY: Gregg Drilling and Testing Inc Contact Person Chris Prunty Mary Walden

Address: 950 Howe Road Drillers License # C57: 485165

City, State, ZIP Martinez, CA 94533 Telephone (925) 313-8800

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature [signature] **Date** 12-1-06

CONSULTANT COMPANY: SECOR International Project Manager Diane Barclay

Address: 3017 Kilgore Road, Suite 100 Telephone (916) 384-0744

City, State, ZIP Rancho Cordova, CA 95670 Responsible Professional Diane Barclay CHG

I certify that this application is correct to the best of my knowledge. I certify that the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Condition "D" of this permit. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Signature Diane Barclay **Date** 11/28/06

California Professional Geologist (PG) or Civil Engineer No. 4369

Please see reverse side of application for requirements and general permit conditions

Revised March 2006

SUBSURFACE DRILLING APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations must be included with the permit application. The well/boring location map must include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale. As-built locations/dimensions must be finalized in subsequent report of findings.

A workplan is required by County Staff. Upon review of information on this application and the submitted workplan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling date and time must be scheduled with County staff at least three (3) working days in advance of field work.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived wastes are the responsibility of the consultant unless stated otherwise contractually.

E. In addition to the County copy of the State DWR Form 188, boring logs and well construction details for all borings/wells, signed by a Responsible Professional, must be submitted to County GPP within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in construction procedure, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County.

G. Permit may be voided if field check reveals any misrepresentation of proposed well/boring locations on this permit application, the attached location map, or the submitted workplan.

H. Permit is valid for one mobilization only and is automatically canceled if not exercised, or if an extension is not requested by Responsible Professional and granted by County GPP, within 90 days of permit issuance date. Failure to notify staff of cancellation or delay in start time, in a timely manner, may result in additional hourly charges to be invoiced to the consultant by GPP Staff.

I. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

J. All workplans and reports related to work performed under County oversight must conform to County GPP guidelines, Regional Water Quality Control Board guidelines, and State Water Well Standards.

K. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: PER APPROVED WORK PLAN

Approved: _____ Date: 12/5/06

Revised March 2006

RECEIVED
DEC 13 2006
By _____

CITY OF SAN MATEO - DEPARTMENT OF PUBLIC WORKS

ENCROACHMENT PERMIT

(keep this permit on the job site at all times)

Permit #: 4819 **Issue Date:** 12/14/06

Subject to the City of San Mateo receiving **notice 1 business day** prior to the commencement of work by calling (650) 522-7522 xt. 6900, permission is hereby granted to:

Applicant: SECOR International, Inc.

Project Manager: Diane Barclay, Matthew Battin **Office phone:** 916/384-0742 **Cell phone:** 916/384-0744

Project Address: 402 Delaware St. S, intersections of 4th Ave. E & 5th Ave E.

Work Authorized: Destroy 1 monitoring well in sidewalk area on Delaware St. S, install 1 new per approved attached site map. Do not place well in gutter pan, must be past lip of area in ac. Perform 4 soil borings per attached site map. Traffic control per Caltrans attached traffic control plans. Contractor must notify PW Inspection 650/522-7522 xt 522-7740, Fire 650/522-7940 & County Communications 650/363-4961, 24 hours prior to commencement of work and if necessary, lane closure. Refund upon submittal of test results abandonment of all wells & inspection of boring's backfill.

monitoring well per gutter pan in street standards, and 6900, Police 650/

All work in accordance with City of San Mateo's General Conditions for Contractors and Standard Drawing(s): #3 - 1 - __153_, #3 - 1 - _141a_, #3 - 1 - __141c_, #3 - 1 - _____ .

Deposit Amount: 10-221002	$ 1,000.00
Permit Fee: 10-4662-340203	$ 218.00
Permit Expiration Date:	2/28/07

Permittee must follow stormwater BMPs for:

- ☑ General Construction
- ☑ Heavy Equipment
- ☐ Earth-Moving
- ☐ Landscaping
- ☑ Roadwork/Paving
- ☑ Concrete/Mortar
- ☐ Painting/Solvents
- ☐ Dewatering Activities

The holder of this permit shall comply with all City ordinances and State laws relating to street and sidewalk encroachment and maintain adequate safe passage for pedestrian and vehicular traffic, all as may be required by the particular work in progress. All work shall conform to the City of San Mateo General Conditions for Contractors, Standard Drawings, and the Standard Specifications for Public Works Construction "Green Book". Failure to comply with the provisions under which this permit is issued may be basis for rejecting work. Deposit refunded when work has been completed to the satisfaction of the City Engineer.

Permit Issued By: [signature]

For City Engineer

City of San Mateo, Department of Public Works
330 W. 20th Avenue, San Mateo, CA 94403
(650) 522-7300 Main Office
(650) 522-7301 Fax

(If Applicable) PA# Bldg. Permit #

Call (650) 522-7522 xt. 6900
24 hrs. advance notice to schedule inspections.

Inspector Notes:

Final Inspection Date:

By:

IF ANY TRAFFIC ISSUES ARE OBSERVED BY PW OR CALTRAIN CONTRACTOR HAS 15 MIN TO CLEAR JOB SITE. VINCE HANSEN

MUST BE COMPLETED BY 1300 ON 12-15-2006

White – Customer Yellow – Inspector Pink – File Goldenrod - Finance

APPENDIX B
FIELD AND LABORATORY PROCEDURES

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

APPENDIX B
FIELD AND LABORATORY PROCEDURES

Hydraulic Push (GEOPROBE) Drilling

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking and cleared for underground utilities through Underground Service Alert (USA). In addition, the first five feet of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities.

Borehole Advancement

Single-Wall GEOPROBE:
Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic push type rig for the purpose of collecting samples and evaluating subsurface conditions. The drill rod serves as a soil sampler, and an acetate liner is inserted into the annulus of the drill rod prior to advancement. Once the sample is collected, the rods and sampler are retracted and the sample tubes are removed from the sampler head. The sampler head is then cleaned, filled with clean sample tubes, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated.

Dual-Wall GEOPROBE:
Pre-cleaned push rods are advanced using a hydraulic push type rig for the purpose of collecting samples and evaluating subsurface conditions. Larger diameter push rod(s) (typically 4 inches outer diameter) are advanced to the desired depth to seal the upper water-bearing zone. Outer rods are not extended into the saturated zone before collection of groundwater samples. Smaller diameter push rod(s) (typically 2 inches in outer diameter, but larger enough to almost completely fill the annulus of the outer push rod(s)) are advanced within the annulus of the outer push rod to the total depth. The lead inner rod serves as a soil sampler, and an acetate liner is inserted into the annulus of the lead inner rod prior to advancement. Once the soil sample is collected, the inner rod(s) and sampler are retracted and the sample tubes are removed from the sampler head. The sampler head is cleaned, filled with clean sample tubes, and the process of advancing the outer rods prior to the advancement of the sampler rods repeated until the total depth of sampling is reached.

Soil Sample Collection

The undisturbed soil samples intended for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches is length. Hand augered portions of the boring are sampled using a slide hammer to drive brass liners into the soil. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting job number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the

direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool. Soil cuttings generated are stored in Department of Transportation (DOT) approved 55-gallon steel drums, or an equivalent storage container.

Grab Groundwater Sample Collection

Once the desired groundwater sampling depth has been reached, a Hydropunch tip is affixed to the head of the sampling rods. The Hydropunch tip is advanced between approximately 6 inches to one foot within the desired groundwater sampling zone (effort is made to emplace the Hydropunch screen across the center of the water table), and retracted to expose the Hydropunch screen. Grab groundwater samples are collected by lowering a pre-cleaned, single-sample polypropylene, disposable bailer down the annulus of the sampler rod. The groundwater sample is discharged from the bailer to the sample container through a bottom emptying flow control valve to minimize volatilization. Alternatively, groundwater samples are collected by lowering a disposable bailer through the sampler rod or into the borehole.

Collected water samples are discharged directly into laboratory provided, pre-cleaned, vials or containers and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date, and type of preservative (if applicable, i.e. HCl for TPPH, BTEX, and fuel oxygenates) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests.

Borehole Completion

Upon completion of drilling and sampling, the rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced, via a tremmie pipe, and pumped to displace standing water in the borehole. Displaced groundwater is collected at the surface into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Hollow Stem Auger Drilling/Monitoring Well Installation

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking, and cleared for underground utilities through Underground Service Alert (USA). In addition, the first five feet of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the presence of underground structures or utilities.

Borehole Advancement

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. Upon completion of drilling and sampling, if no well is to be constructed, the augers are retracted, and the borehole is filled with neat cement grout, mixed at a ratio of 6 gallons of water per

94 pounds of Portland cement, through a tremmie pipe, and pumped to displace standing water in the borehole. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finish grade.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Soil cuttings are temporarily stored on-site in 55-gallon DOT approved drums pending laboratory analysis, waste profiling and proper disposal. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of drilling, borehole number, and depth interval from which the contents were generated.

Split-Spoon Sampling

The precleaned split spoon sampler lined with three 6-inch long brass or stainless steel tubes is driven 18 inches into the underlying soils at the desired sample depth interval. The sampler is driven by repeatedly dropping a 140-pound hammer a free fall distance of 30 inches. The number of blows (blow count) to advance the sampler for each six-inch drive length is recorded on the field logs. Once the sampler is driven the 18-inch drive length or the sampler has met refusal (typically 50 blows per six inches), the sampler is retrieved. Alternatively, with a limited access rig, soil samples are obtained by driving the sample using a pneumatic hammer.

Of the three sample tubes, the bottom sample is generally selected for laboratory analysis. The sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap, and sealing the cap with non-VOC, self-adhering silicon tape. A label is affixed to the sample indicating the sample identification number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

The remaining soil samples are used for soil classification and field evaluation of headspace volatile organic vapors, where applicable, using a photo ionization or flame ionization detector calibrated to a calibration gas (typically isobutylene or hexane). VOC vapor concentrations are recorded on the boring logs.

Groundwater Monitoring Well Installation and Development

Groundwater monitoring wells are constructed by inserting or tremmieing well materials through the annulus of the hollow stem auger. The groundwater monitoring wells are constructed with a screen interval determined from the encountered soil stratigraphy, to maintain a proper seal at the surface (minimum three feet), and to avoid penetrating aquitards. Groundwater wells are installed in accordance with the conditions of the well construction permit issued by the regulatory agency exercising jurisdiction over the project site.

The well screen generally consists of schedule 40 polyvinyl chloride (PVC) casing with 0.01 to 0.02 factory slots. As a general rule, 0.01 inch slots are used in fine-grained silts and

clays and 0.02 inch slots are used in coarse-grained materials. The screen is then filter packed with #2/12 or #3 sand, or equivalent, for the 0.01 and 0.02 inch slots, respectively.

Once the borehole has been drilled to the desired depth, bentonite chips (to backfill an aquitard) or six inches of filter sand are tremmied to the bottom of the boring. The well screen and blank well casing are then inserted through the annulus of the hollow stem augers. The well screen is sand packed by tremmieing the appropriate filter sand through the annulus between the casing and augers while slowly retracting the augers. During this operation, the depth of the sand pack in the auger is continuously sounded so that the sand remains in the auger annulus during auger retraction to avoid short-circuiting the well. The sand pack is tremmied to approximately two feet above the screen, at which time pre-development surging is performed to consolidate the sand pack. Additional sand is added as necessary to help ensure that the sand pack extends a minimum of two feet above top of screen. Following construction of the sand pack, a two foot thick bentonite seal is tremmied over the sand and hydrated in place. The remainder of the borehole is backfilled with Portland neat cement grout (or the equivalent), mixed at ratio of 6 gallons of water per 94 pounds of neat cement. The well head is then capped with a locking cap and secured with a lock to protect the well from surface water intrusion and vandalism.

The well head is further protected from damage with traffic a rated well box in paved areas or locking steel riser in undeveloped areas. The protective boxes or risers are set in concrete. The details of well construction are recorded on well construction logs.

Following well construction, the wells are developed in accordance with agency protocols by intermittently surging and bailing the wells. Development is deemed to be sufficient once pH, conductivity and temperature stabilize to within approximately ≤ 0.1, ≤ 3%, and ≤ 10%, respectively, or when ten casing volumes have been removed.

Semi-Annual Groundwater Sampling

Depth to Groundwater/SPH Thickness Measurements

Prior to the beginning of purging and sampling the wells, the depth to groundwater and thickness of SPH, if present, within each well casing are measured to the nearest 0.01 foot using either an electronic water level indicator or an electronic oil-water interface probe. This is done in within as narrow a time frame as possible, and before the first well is purged. Measurements are taken from a point of known elevation on the top of each well casing as determined in accordance with surveys by licensed land surveyors.

Groundwater Monitoring Well Purging

Groundwater wells are purged using low-flow protocol at a flow rate of less than 1 liter per minute using a bladder pump. The purge intake is placed opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact, and the depth of the purge intake is recorded during and after purging. The water level in each well is monitored, and care is taken that the well is not dewatered. The conductivity, temperature, and pH of the delivered effluent are monitored and recorded using a flow-through cell during purge operations. Purge operations are determined to be sufficient once three successive measurements of pH, conductivity, and temperature of the purged water at 3 to 5 minute intervals following the evacuation of one system or line volume vary by ≤ 0.1, ≤ 3%, and ≤ 10%, respectively. System

or line volumes, actual purge volumes, and the purging equipment used are recorded on the field data sheets.

Groundwater Sample Acquisition, Handling, and Analysis

Following purging operations, groundwater samples are collected from each of the wells, using a low-flow bladder pump. The groundwater sample is discharged from the pump tubing to the sample container before the water passes through the flow-through cell. The sampling equipment is recorded on the field data sheets.

Collected water samples are discharged directly into laboratory provided, pre-cleaned, and chemically preserved sample containers for the analyses requested. Preservatives are used in the samples if appropriate for the analyses, i.e. hydrochloric acid (HCl) for TPPH, BTEX, and fuel oxygenates by EPA Method 8260B.

Labels documenting sample number, well identification, collection date and time, type of sample and type of preservative (if applicable) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain of custody to a certified laboratory. The type of preservative used is documented on the chain of custody form.

To help assure the quality of the collected samples and to evaluate the potential for cross contamination during transport to the laboratory, a distilled-water trip blank accompanies the samples in the cooler. The trip blank is analyzed for the presence of volatile organic compounds of concern. For petroleum hydrocarbons, the trip blank is typically analyzed for TPHg, BTEX, and fuel oxygenates by EPA Method 8260.

Subslab Soil Vapor Probe Installation

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking, and cleared for underground utilities through Underground Service Alert (USA). In addition, a private sub-surface utility locator is contracted, to help evaluate the presence of underground structures or utilities.

Borehole Advancement

A pilot hole, approximately 1/16-inch larger in diameter than the diameter of the soil vapor probe (though smaller in diameter than the head of the soil vapor probe), is advanced no further than 3 inches into the native material beneath the concrete building slab, using a rotary hammer drill or equivalent equipment. A shallow outer hole is advanced on top of the pilot hole. The diameter of the outer hole is large enough to accommodate the head of the soil vapor probe and the tools necessary to attach the sampling tubing to the probe, and is deep enough to allow the probe to be set flush with the slab surface. Slab cuttings are removed using a small portable vacuum.

Probe Installation

The soil vapor probe is constructed of small diameter (1/8-inch to ¼-inch outside diameter) chromatography grade 316 stainless steel tubing, stainless steel compression to thread fittings, and a Swagelok-type valve at the top of the probe. The tubing at the bottom of the

probe is cut to allow the probe to "float" in the slab, and avoid obstruction of the subslab material by the probe. The probe is set in the inner hole to be flush with the ground surface. A quick drying concrete slurry, which expands upon drying, is applied within the annulus between the soil vapor probe and the outer hole to seal the probe in place. The seal is allowed to cure for at least 24 hours prior to sampling.

Installing Soil Vapor Probes and Soil Vapor Sampling

Utility Locating

Prior to drilling and sampling, the presence of utilities in the area of the proposed soil vapor point(s) is evaluated by marking the location of the boring(s) in white paint or other method, and clearing the area through Underground Service Alert (USA). At each sampling location, a two to four-inch core is made in the surface pavement to allow access of the boring equipment.

Borehole Advancement and Probe Installation

The borehole is advanced to the desired sampling depth using a 6-inch diameter hand auger. The soil vapor probe is attached a length of Tygon® tubing that is at least two feet greater than the total depth of the borehole with a closed Swagelok® type valve attached to the opposite end. The vapor probe is set at a depth approximately 6 inches above the total depth of the borehole in a #3 Monterey Sand (or the equivalent) filter pack that is at a minimum of one foot thick. A half-foot thick layer of granulated bentonite is placed above the filter pack and hydrated. The soil vapor point is completed to the surface with neat cement grout mixed at a ratio of 6 gallons of water per 94 pounds of cement. A traffic rated is will be set in concrete, flush with the ground surface. The excess length of Tygon® tubing with the Swagelok® type valve is coiled up inside the well box.

Vapor Sampling

Soil vapor sampling is performed after a minimum time duration of 1 week, to allow the neat cement grout to cure, and to allow the subsurface vapor concentrations disturbed during installation activities to equilibrate. The sampling apparatus consists of two six-liter Summa canisters (one for vapor sample collection and one for system purging) connected via a manifold to a vacuum gauge, a ½-hour (100 to 200 ml/minute) flow regulator, and a filter. The sampling apparatus is assembled and a leak check performed prior to mobilization to the field. The leak checked is performed by closing the system at the down-hole side of the filter and opening the valve on the purge Summa canister. If the negative vacuum pressure of 30 inches of mercury (inHg) is maintained over a fifteen minute period, the apparatus passes the leak check. Once the sampling apparatus is assembled in the field, Tygon® tubing is attached to the down-hole side of the filter and connected to the Swagelok® type valve on the soil vapor sampling point. The apparatus is leak checked again. Once the apparatus passes the field leak check, the system is purged of three system volumes. The system volume is determined by adding together the volume of the airspace within the Tygon® tubing, the volume of the vapor well annulus airspace, and the volume of the airspace within the manifold, being careful to account for the volume of the vapor point within the filter pack material. This system volume is used to calculate the vacuum pressure drop that will occur during the purging of three system volumes, and can be divided by the flow rate of 200 ml/minute to derive the purge time.

The following equations are used to calculate the purge rate:

$$V_s = \left[\pi \left(\frac{D_i}{2} \right)^2 L \right] x + V_a + V_m$$

V_s = System Volume
D_i = Tubing Inner Diameter (in inches)
L = Tubing Length (in inches)
x = Conversion Constant (16.39 mL/in^3)
V_a = Annulus Volume
V_m = Manifold Volume

$$V_a = \left[\pi \left(\frac{Da}{2} \right)^2 h \, x \, \varphi \right] + 0.7(V_p)$$

V_a = Annulus Airspace Volume
D_a = Annulus Diameter
h = Annulus Height
x = Conversion Constant (16.39 mL/in^3)
φ = Porosity
V_p = Vapor Point Volume

$$t_p = \frac{V_s}{F}$$

t_p = Purge Time
V_s = System Volume
F = Flow Rate

$$\frac{V_i}{P_i} = \frac{V_s}{P_p}$$

V_i = Summa Canister Volume
P_i = Initial Summa Pressure
V_s = System Volume
P_p = Purge Pressure Drop

After the system purge, the soil vapor is collected by closing the valve on the purge Summa canister and opening the valve on the sampling Summa canister. The sampling start time is recorded on the field data sheet. Isopropyl alcohol (IPA), or the equivalent, is used as a leak check compound. A piece of gauze is attached to the down-hole side of the Swagelok® type valve and moistened with IPA, taking care not to apply the IPA directly to the tubing, valves, and fittings. The gauze is re-moistened with IPA every five minutes. After approximately one half hour, or when the vacuum pressure of the system reaches 5 inHg, the sampling canister valve is closed and the end time is recorded. Prior to sampling subsequent sample locations, the used tubing is discarded.

The sampling canister(s) and chain of custody is labeled with the site name, sampling ID, time and date of sampling, final vacuum pressure, and the canister serial number. The sampling canister(s) are shipped to a California certified laboratory for analysis.

Organic Vapor Procedures

Soil samples are collected for analysis in the field for ionizable organic compounds using a PID with a 10.2 eV lamp. The test procedure involves measuring approximately 30 grams from an undisturbed soil sample, placing this sub-sample in a Ziploc™-type bag or in a clean glass jar, and sealing the jar with aluminum foil secured under a ring-type threaded lid. The container is warmed for approximately 20 minutes (in the sun); then the head-space within the container is tested for total organic vapor, measured in parts per million as benzene (ppm; volume/volume). The instrument is calibrated prior to drilling. The results of the field-testing are noted on the boring logs. PID readings are useful for indicating relative levels of contamination, but cannot be used to evaluate petroleum hydrocarbon levels with the confidence of laboratory analyses.

Equipment Decontamination

Equipment that could potentially contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drill augers and other large pieces of equipment are decontaminated using high pressure hot water spray. Samplers, groundwater pumps, liners and other equipment are decontaminated in an

Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Soil Cuttings and Rinsate/Purge Water

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

APPENDIX C
BORING LOGS AND WELL CONSTRUCTION DETAILS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**MW-6** PAGE 1 OF 1	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 1/3/07	COMPLETED: 1/3/07	NORTHING (ft): 2,033,661	EASTING (ft): 6,034,502
INSTALLATION: STARTED 1/3/07	COMPLETED: 1/3/07	LATITUDE: 37° 33' 57.41"	LONGITUDE: -122° 19' 8.26"
DRILLING COMPANY:	Gregg Drilling and Testing, Inc.	GROUND ELEV (ft): 19.48	TOC ELEV (ft): 19.07
DRILLING EQUIPMENT:	Limited Access Rig	INITIAL DTW (ft): 15.9 1/3/07	BOREHOLE DEPTH (ft): 20.0
DRILLING METHOD:	Hollow Stem Auger	STATIC DTW (ft): 14.24 1/4/07	WELL DEPTH (ft):19.0
SAMPLING EQUIPMENT:	Pnematic Sampling Equipment	WELL CASING DIAMETER (in): 2	BOREHOLE DIAMETER (in): 8
		LOGGED BY: MJB	CHECKED BY: DMB

Time & Depth (feet)	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)
		1 foot concrete					
					0.5	Air Knife to 5' bgs.	
5	ML	**GRAVELLY SILT**; ML; 7.5YR 4/4 brown; medium plasticity; dry; (25,10,65,0)		1000 MW-6@ 5.5-6'	1.5		0
10		Same			1.5		
	ML	**SILT**; ML; 10.5Y 4/3 brown; medium plasticity; soft; moist; moderate HC odor; (0,5,95,0)		1015 MW-6@ 12-12.5'			88
15	SM	**SILTY SAND**; SM; 10YR 4/3 brown; wet; moderate HC odor; poorly graded; (0,80,20,0)		1030 MW-6@ 15.5-16'	1.5		562
	GM	**SILTY GRAVEL**; GM; 10YR 4/3 brown; wet; moderate HC odor; hydrocarbon staining; poorly graded; (70,10,20,0)		1040 MW-6@ 17.5-18'	1.5		400
	SP-SM	**POORLY GRADED SAND WITH SILT AND** GRAVEL; SP-SM; 10YR 5/4 yellowish brown; loose; saturated; moderate HC odor; (20,70,10,0)		1042 MW-6@ 18-18.5'	1.5		683 689
	MH	**ELASTIC SILT**; MH; 10 YR 4/4 dark yellowish brown; high plasticity; soft; moderate HC odor; damp; (0,0,100,0)		1045 MW-6@ 18.5-19'	0.5		328
20		Hole terminated at 20 feet.		1047 MW-6@ 19.5-20'			

Depth (feet)	Well Construction
5	Neat Cement Grout
	2" Diameter PVC Casing
10	Bentonite Seal
	#3 Monterey Sand Filter Pack
15	0.020" Slotted Screen PVC Casing
	Threaded End Cap
20	#3 Monterey Sand Bottom Filter Pack
	Bentonite Bottom Seal

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**MW-7** PAGE 1 OF 2	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 1/2/07	COMPLETED: 1/2/07	NORTHING (ft): 2,033,589	EASTING (ft): 6,034,442
INSTALLATION: STARTED 1/2/07	COMPLETED: 1/2/07	LATITUDE: 37° 33' 56.68"	LONGITUDE: -122° 19' 8.98"
DRILLING COMPANY:	Gregg Drilling and Testing, Inc.	GROUND ELEV (ft): 22.17	TOC ELEV (ft): 21.74
DRILLING EQUIPMENT:	Limited Access Rig	INITIAL DTW (ft): 22 1/2/07	BOREHOLE DEPTH (ft): 26.5
DRILLING METHOD:	Hollow Stem Auger	STATIC DTW (ft): 18.25 1/2/07	WELL DEPTH (ft): 25.0
SAMPLING EQUIPMENT:	California Modified Split Spoon	WELL CASING DIAMETER (in): 2	BOREHOLE DIAMETER (in): 8
		LOGGED BY: MJB	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			8" Asphalt							
		ML	**SILT**; ML; medium plasticity; damp; (0,5,95,0)				Air Knife to 5' bgs.			
5		ML	**SILT**; ML; yellowish brown; very stiff; damp; low to medium plasticity; (10,10,80,0)		1225 MW-7@ 5.5-6'	1.5	9 11 15	0	5	2" Diameter PVC Casing
10		ML	**SANDY SILT**; ML; yellowish brown; hard; damp; low to medium plasticity; organics present; (10,20,70,0)		1235 MW-7@ 10.5-11'	1.5	14 15 19	0	10	Neat Cement Grout
15		SM	**SILTY SAND**; SM; yellowish brown; medium dense; moist; (5,60,35,0)		1245 MW-7@ 15.5-16'	1.5	3 12 13	0	15	
		ML	**SANDY SILT**; ML; yellowish brown; low plasticity; very stiff; moist; (5,40,55,0)		1300 MW-7@ 17.5-18'	1.5	14 3 5	0		
		SM	**SILTY SAND**; SM; like 16 feet; (5,60,35,0)				12			
		ML	**SILT**; ML; yellowish brown; medium plasticity; very stiff; moist; iron oxide staining; 0,5,95,0)			1.5	15 18			
20		ML	**SANDY SILT**; ML; yellowish brown; low plasticity; hard; moist; iron oxide staining; well graded; (5,25,70,0)		1310 MW-7@ 21-21.5'	1.5 1	18 6 12 18 20	0	20	Bentonite Seal #3 Monterey Sand Filter Pack
		SM	**SILTY SAND WITH GRAVEL**; SM; yellowish brown; medium dense; saturated; upper content in shoe; (20,50,30,0)							0.020" Slotted PVC Casing Threaded End

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-7** PAGE 2 OF 2

SECOR

DRILLING: STARTED 1/2/07 COMPLETED: 1/2/07
INSTALLATION: STARTED 1/2/07 COMPLETED: 1/2/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: California Modified Split Spoon

NORTHING (ft): 2,033,589 EASTING (ft): 6,034,442
LATITUDE: 37° 33' 56.68" LONGITUDE: -122° 19' 8.98"
GROUND ELEV (ft): 22.17 TOC ELEV (ft): 21.74
INITIAL DTW (ft): 22 1/2/07 BOREHOLE DEPTH (ft): 26.5
STATIC DTW (ft): 18.25 1/2/07 WELL DEPTH (ft): 25.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT**; ML; yellowish brown; medium plasticity; hard; iron oxide staining; damp; (0,5,95,0)		1345 MW-7@ 26-26.5'	1.5	3 12 20	0		Cap #3 Monterey Sand Bottom Filter Pack Bentonite Bottom Seal
			Hole terminated at 26.5 feet.							
30									30	
35									35	
40									40	
45									45	

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PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-8** PAGE 1 OF 2

SECOR

DRILLING: STARTED 1/4/07 COMPLETED: 1/4/07
INSTALLATION: STARTED 1/4/07 COMPLETED: 1/4/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,782 EASTING (ft): 6,034,496
LATITUDE: 37° 33' 58.6" LONGITUDE: -122° 19' 8.36"
GROUND ELEV (ft): 18.81 TOC ELEV (ft): 18.42
INITIAL DTW (ft): 18 1/4/07 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 13 1/4/07 WELL DEPTH (ft): 30.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot concrete							
		ML	**SILT WITH SAND**; ML; 5YR 4/4 reddish brown; medium plasticity; damp; (0,15,85,0)				Air Knife to 5' bgs.			
5			Same		1149 MW-8@ 5.5-6'	1.5		0	5	2" Diameter PVC Casing
										Neat Cement Grout
10		ML	**SANDY SILT WITH GRAVEL**; ML; 10YR 4/6 dark yellowish brown; medium plasticity; damp; (15,20,65,0)		1154 MW-8@ 10.5-11'	1.5		0	10	
					1157 MW-8@ 12-12.5'	1.5		0		
		MH	**ELASTIC SILT**; MH; 10YR 4/3 brown; soft; medium to high plasticity; damp; (0,0,100,0)		1159 MW-8@ 12.5-13'	1.5		0		
15		CH	**FAT CLAY**; CH; 10YR 4/4 dark yellowish brown; high plasticity; hard; damp; (0,0,5,95)			1.5			15	Bentonite Seal
		GM	**SILTY GRAVEL**; GM; 10YR 4/3 brown; wet; well graded; low plastic silt; (60,10,30,0)		1209 MW-8@ 17-17.5'	1.5		0		#3 Monterey Sand Filter Pack
20			Saturated; same			1.5			20	
						1.5				
						1.5				
		SM	**SILTY SAND**; SM; 10YR 3/6 dark yellowish brown; soft; saturated; poorly graded; (0,80,20,0)			1.5				0.020" Slotted PVC Casing

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-8** PAGE 2 OF 2

SECOR

DRILLING: STARTED 1/4/07 COMPLETED: 1/4/07
INSTALLATION: STARTED 1/4/07 COMPLETED: 1/4/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,782 EASTING (ft): 6,034,496
LATITUDE: 37° 33' 58.6" LONGITUDE: -122° 19' 8.36"
GROUND ELEV (ft): 18.81 TOC ELEV (ft): 18.42
INITIAL DTW (ft): 18 1/4/07 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 13 1/4/07 WELL DEPTH (ft): 30.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
						1.5				
						1.5				
						1.5				
30			Hole terminated at 30 feet.						30	Threaded End Cap
35									35	
40									40	
45									45	

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PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-9** PAGE 1 OF 1

SECOR

DRILLING: STARTED 1/3/07 COMPLETED: 1/3/07
INSTALLATION: STARTED 1/3/07 COMPLETED: 1/3/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,726 EASTING (ft): 6,034,427
LATITUDE: 37° 33' 58.03" LONGITUDE: -122° 19' 9.19"
GROUND ELEV (ft): 19.71 TOC ELEV (ft): 19.42
INITIAL DTW (ft): 14.7 1/3/07 BOREHOLE DEPTH (ft): 17.0
STATIC DTW (ft): 14.32 1/4/07 WELL DEPTH (ft): 15.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot Asphalt and Base Rock							
		ML	**SILT WITH SAND**; ML; 5YR 4/4 reddish brown; medium plasticity; damp; (0,15,85,0)				Air Knife to 5' bgs.			
5		ML	**GRAVELLY SILT**; ML; 7.5YR 4/4 brown; low plasticity; dry; (25,10,65,0)		0910 MW-9@ 5.5-6'	1.5		0	5	Neat Cement Grout; 2" Diameter PVC Casing
10		ML	**SANDY SILT**; ML; 7.5YR 4/4 brown; low plasticity; damp; (10,20,70,0)		0915 MW-9@ 10.5-11'	1.5		0	10	Bentonite Seal; #3 Monterey Sand Filter Pack
		GM	**SILTY GRAVEL WITH SAND**; GM; 10YR 4/6 dark yellowish brown; medium dense; poorly graded; (60,20,20,0)							0.020" Slotted PVC Casing
15			Saturated						15	Threaded End Cap
		MH	**ELASTIC SILT**; MH; 10YR 4/4 dark yellowish brown; hard; medium to high plasticity; damp; (0,0,100,0)		0920 MW-9@ 15.5-16'	1.5		0		#3 Monterey Sand Bottom Filter Pack
					0922 MW-9@ 16-16.5'	0.5		0		Bentonite Bottom Seal
			Hole terminated at 17 feet.							
20									20	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-5** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,645 EASTING (ft): 6,034,576
LATITUDE: 37° 33' 57.26" LONGITUDE: -122° 19' 7.33"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.6 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; damp; (0,40,55,5)							
5									5	
		ML	**SANDY SILT**; ML; 5/8 yellowish brown; non plastic; hard; damp; coarse-grained sand; (5,45,45,5)		0855 SP-5@ 9-9.5'	0.50		0		
10									10	
		SM	**SILTY SAND**; SM; 5/8 yellowish brown; medium to coarse-grained; medium dense; damp; (5,65,30,0)							
					0910 SP-5@ 14-14.5'	0.50		0		
15									15	Neat Cement Grout Backfill
		CL	**SANDY LEAN CLAY**; CL; 4/5GY green; soft; moist; low to medium plasticity; (0,40,0,60)							
		SM	**SILTY SAND**; SM; 4/5GY green; medium dense; wet; strong odor; (5,80,10,5)		0915 SP-5@ 19-19.5'	0.50		567		
20			Well graded sand.						20	
		SW-SM	**WELL GRADED SAND WITH SILT**; SW-SM; brown; fine to coarse-grained; medium dense;							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-5** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,645 EASTING (ft): 6,034,576
LATITUDE: 37° 33' 57.26" LONGITUDE: -122° 19' 7.33"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.6 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SW-SM	wet; (10,80,10,0) Iron oxide staining Coarse gravel (10,80,10,0)		0925 SP-5@ 23-28'			2.1		
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; medium dense; wet; (10,65,25,0) (5,60,35,0) saturated; (10,55,35,0)							
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-6** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,710 EASTING (ft): 6,034,462
LATITUDE: 37° 33' 57.86" LONGITUDE: -122° 19' 8.76"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 21 12/15/06 BOREHOLE DEPTH (ft): 28.0
STATIC DTW (ft): 15 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			6 inches concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; low plasticity; damp; (0,40,60,0)							
5		ML	**SANDY SILT**; ML; brown; low plasticity; firm; damp; (5,35,60,0)		1525 SP-6@ 7.5-8'	0.50		0	5	
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; fine to coarse-grained; loose; damp; gravel up to 1.5 inches; (30,30,35,5)							
10					1530 SP-6@ 11.5-12'	0.50		0	10	
15		GM	GM; slight odor		1535 SP-6@ 15.5-16'	0.50		0	15	Neat Cement Grout Backfill
		GM	**SILTY GRAVEL WITH SAND**; GM; green; fine to coarse-grained; strong odor; loose to medium dense; damp; (45,30,25,0)							
20		ML	**SANDY SILT**; ML; brown; low plasticity; moist; firm; (10,30,60,0)		1540 SP-6@ 20-20.5'	0.50		396	20	
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; fine to coarse-grained; loose; wet; no odor; (40,40,20,0)							
		GM	GM; saturated							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**SP-6** PAGE 2 OF 2	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 12/14/06	COMPLETED: 12/15/06	NORTHING (ft): 2,033,710	EASTING (ft): 6,034,462
INSTALLATION: STARTED 12/14/06	COMPLETED: 12/15/06	LATITUDE: 37° 33' 57.86"	LONGITUDE: -122° 19' 8.76"
DRILLING COMPANY: Gregg Drilling and Testing, Inc.		GROUND ELEV (ft):	TOC ELEV (ft):
DRILLING EQUIPMENT: Geoprobe		INITIAL DTW (ft): 21 12/15/06	BOREHOLE DEPTH (ft): 28.0
DRILLING METHOD: Direct Push		STATIC DTW (ft): 15 12/15/06	WELL DEPTH (ft): ---
SAMPLING EQUIPMENT: Geoprobe		WELL CASING DIAMETER (in): ---	BOREHOLE DIAMETER (in): 2
		LOGGED BY: JSR	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	**SILTY SAND WITH GRAVEL**; SM; brown; medium dense; saturated; (30,50,20,0)							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; medium dense; saturated; (40,40,20,0)							
			Hole terminated at 28 feet.							
30									30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-7** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,517 EASTING (ft): 6,034,527
LATITUDE: 37° 33' 55.99" LONGITUDE: -122° 19' 7.91"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 32 12/15/06 BOREHOLE DEPTH (ft): 34.0
STATIC DTW (ft): 15.5 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; damp; (0,45,55,0)							
5		ML	**SANDY SILT**; ML; brown; non plastic; firm; damp; (5,40,55,0)		1055 SP-7@ 7-7.5'			0	5	
10		ML	ML; (10,35,55,0)		1100 SP-7@ 11-11.5'	0.50		0	10	
15		ML	ML; moist		1105 SP-7@ 15.5-16'	0.50		0	15	Neat Cement Grout Backfill
		SM	**SILTY SAND**; SM; brown; medium dense; moist; (0,60,40,0)							
		CL	**SANDY LEAN CLAY**; CL; brown; medium plasticity; hard; moist; (0,30,10,60)							
20		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; hard; moist; (0,20,10,70)		1110 SP-7@ 19.5-20'	0.50		0.3	20	
					1115 SP-7@ 23-23.5'	0.50		0		

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-7** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,517 EASTING (ft): 6,034,527
LATITUDE: 37° 33' 55.99" LONGITUDE: -122° 19' 7.91"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 32 12/15/06 BOREHOLE DEPTH (ft): 34.0
STATIC DTW (ft): 15.5 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; hard; moist; (0,20,10,70)			0.50				
30		CL	CL; soft		1120 SP-7@ 29.5-30'			0	30	
		SM	**SILTY SAND**; SM; brown; fine to medium-grained; loose; moist; (0,60,30,10)		1125 SP-7@ 31.5-32'	0.50		0	▽	
		SM	SM; fine to medium-grained; saturated; (0,80,20,0)							
		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; moist; soft to firm; (0,20,35,45)							
35			Hole terminated at 34 feet.						35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-8** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,649 EASTING (ft): 6,034,717
LATITUDE: 37° 33' 57.32" LONGITUDE: -122° 19' 5.58"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.2 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; dry; fine to medium-grained sand; (0,45,55,0)							
5									5	
		ML	**SANDY SILT**; ML; brown; non plastic; soft; dry; fine to coarse-grained sand; (0,50,50,0)			0.50				
		ML	**SANDY SILT**; ML; brown; medium plasticity; soft; dry; fine to medium-grained sand; (5,30,65,0)		1310 SP-8@ 8-8.5'			0.3		
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; loose; dry; well graded sand; (10,55,35,0)							
10									10	
		SM	**SILTY SAND WITH GRAVEL**; SM; (15,60,25,0)			0.50				
					1315 SP-8@ 12-12.5'			0		
		SM	**SILTY SAND**; SM; (5,60,35,0)							
15									15 ▼	Neat Cement Grout Backfill
					1320 SP-8@ 15.5-16'	0.50		0		
		ML	**SANDY SILT**; ML; brown; low plasticity; soft; moist; (0,40,60,0)							
		SM	**SILTY SAND WITH GRAVEL**; SM; grayish green; loose; moist; (20,55,25,0)							
					1325 SP-8@ 19.5-20'	0.50		616		
		SM	SM; strong odor							
20		SM	SM; saturated; strong HC odor in water; (25,55,20,0)						20 ▽	
		SM	**SILTY SAND**; SM; strong HC odor; (5,70,25,0)							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-8** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,649 EASTING (ft): 6,034,717
LATITUDE: 37° 33' 57.32" LONGITUDE: -122° 19' 5.58"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.2 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SW-SM	**WELL GRADED SAND WITH SILT AND GRAVEL**; SW-SM; loose; saturated; strong HC odor; (30,60,10,0)							
		SM	**SILTY SAND WITH GRAVEL**; SM; medium dense; saturated; slight HC odor; (25,60,15,0)							
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-1** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,605 EASTING (ft): 6,034,484
LATITUDE: 37° 33' 56.85" LONGITUDE: -122° 19' 8.46"
GROUND ELEV (ft): 21.35 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 6.0
STATIC DTW (ft): WELL DEPTH (ft): 5.5
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			8" Asphalt							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (35,25,40,0)							
		ML	**SANDY SILT**; ML; brown; non plastic; moist; (0,45,50,5)							
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; fine gravel; (5,50,45,0)						5	
			Hole terminated at 6 feet.							

Neat Cement Grout Backfill
Bentonite Seal
Soil Vapor Probe
#3 Monterey Sand Filter Pack

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-2** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,627 EASTING (ft): 6,034,499
LATITUDE: 37° 33' 57.07" LONGITUDE: -122° 19' 8.28"
GROUND ELEV (ft): 20.41 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 5.5
STATIC DTW (ft): WELL DEPTH (ft): 5.0
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			4 inches asphalt							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (35,30,35,0)							
		ML	**SANDY SILT**; ML; brown; low plasticity; moist; (5,35,50,10)							Neat Cement Grout Backfill
										Bentonite Seal
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; fine gravel; (10,45,45,0)						5	Soil Vapor Probe
										#3 Monterey Sand Filter Pack
			Hole terminated at 5.5 feet.							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-3** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,658 EASTING (ft): 6,034,459
LATITUDE: 37° 33' 57.36" LONGITUDE: -122° 19' 8.79"
GROUND ELEV (ft): 20.31 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 6.0
STATIC DTW (ft): WELL DEPTH (ft): 5.5
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			3 inches concrete							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (30,25,40,5)							
		ML	**SANDY SILT**; ML; brown; moist; low to medium plasticity; (5,40,50,5)							
			(0,30,45,25)							
		CL	**LEAN CLAY**; CL; brown; moist; firm to hard; low to medium plasticity; (0,20,20,60)							
			(0,10,10,80)							
		ML	**SILT WITH SAND**; ML; brown; medium plasticity; moist; (0,20,60,20)							
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; (5,60,30,5)						5	
			Hole terminated at 6 feet.							

Neat Cement Grout Backfill
Bentonite Seal
Soil Vapor Probe
#3 Monterey Sand Filter Pack

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

APPENDIX D
FIELD DATA SHEETS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 1/9/06 **Project Name:** offsite Assment

Field Technician: Jaime Ricci **Project Number:** 77CP.01574.05.1204

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter
ELEV = Groundwater Elevation
DUP = Duplicate

WELL OR LOCATION	TIME	MEASUREMENT						PURGE & SAMPLE	SHEEN CONFIRMATION (w/bailer)	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV			
MW-4	0934			14.51	26.89					
MW-6	0921			14.38	18.71					
MW-7	0918			16.72	24.					
MW-8	0929			13.65	29.65					
MW-9	0925			14.47	14.71					

WELL DEVELOPMENT LOG

Project Number 72GP.01524.05.1204 Well MW-9

Project Name offsite Assessment Development Subcontractor Cascade Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift Sub. Pump Surge Block (Bailer) Other _____

Development Criteria Surge Prior to Purging 10 casing Volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter & Turbidity Meter

Development Water Disposal Method 55-gallon drum.

Comments _____

DEVELOPMENT DATA

Depth to Water: Start 14.47 End 14.47 Ref. Point Elev. _____ Height Above Ground Surface _____

Total Depth: Start 14.71 End 14.71

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
	1415	0	85	172.5	Clear	8.54	18.3	
	1420	.05	300	288	Clear	7.81	18.6	
	1425	.17	450	428	Lt Tan	7.53	18.4	
	1427	.28	450	413	Lt Tan	7.40	18.6	
	1429	.39	450	414	Lt Tan	7.23	18.8	
	1431	.5	450	399	Lt Tan	7.10	18.8	
	1433	.61	450	381	Lt Tan	6.99	18.7	
	1435	.72	450	367	Lt Tan	7.01	18.9	
	1436	.89	450	360	Lt Tan	6.99	18.8	
	1439	1	450	349	Lt Tan	6.98	18.9	
	1443	1.11	450	343	Lt Tan	6.99	18.8	
	1445	1.22	450	338	Lt Tan	6.93	19.0	
	1448	1.39	450	334	Lt Tan	6.90	19.2	

REMARKS: 2.69% 0.09 2.13%

14.71 - 14.47 = .24 × 0.17 = 0.04

WELL DEVELOPMENT LOG

Project Number 72CP.01574.05.120H Well MW-6

Project Name Offsite Assessment Development Subcontractor Gregg Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift Sub. Pump (Surge Block) Bailer Other ____

Development Criteria Surge prior to bailing. Purge 10 casing Volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter + turbidity meter

Development Water Disposal Method 55-gallon drum

Comments surge 15 mins prior to purge

DEVELOPMENT DATA

Depth to Water: Start 14.38 End 15.12 Ref. Point Elev. ____ Height Above Ground Surface ____

Total Depth: Start 18.71 End 18.72

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
1/9/06	1306	0	>1000	735	Brown	7.15	20.1	Slight sheen, slight sand
	1308	0.75	>1000	739	Brown	7.10	20.1	↓
	1310	1.5	>1000	744	Brown	7.07	20.1	↓
	1312	2.25	>1000	748	Brown	7.05	20.2	↓
	1314	3	>1000	764	Brown	7.05	20.2	↓
	1316	3.75	>1000	777	Brown	7.01	20.2	V sl. sheen V. sl. sand
	1318	4.5	>1000	767	Brown	6.97	20.1	
	1320	5.25	>1000	752	Brown	6.94	20.1	
	1322	6	>1000	750	Brown	6.92	20.1	
	1324	6.75	>1000	751	Brown	6.92	20.1	
	1326	7.5	>1000	758	Brown	6.90	20.2	

REMARKS: DTB - DTW = 18.71 - 14.38 = 4.33 × 0.17 = 0.75 gal 1.76% HC odor 0.02 0.50%

WELL DEVELOPMENT LOG

Project Number 77CP-01574.05.004 Well MW-8

Project Name Offsite Assessment Development Subcontractor Gregg Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift (Sub. Pump) (Surge Block) Bailer Other _____

Development Criteria Surge prior to bailing. Purge 10 casing volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter & turbidity meter

Development Water Disposal Method 55-gallon drum

Comments Surge 15 mins prior to purge. Used pump to purge ~1 gal/min

DEVELOPMENT DATA

Depth to Water: Start 13.65 End 13.66 Ref. Point Elev. _____ Height Above Ground Surface _____

Total Depth: Start 29.65 End 29.79

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
1/9/06	1138	0	>1000	596	Brown	7.10	19.8	Sandy
	1148	2.75	>1000	516	Brown	7.08	20.4	↓
	1150	5.5	>1000	465	Brown	6.91	20.8	Less Sandy
	1153	8.25	>1000	444	Brown	6.84	21.1	↓
	1156	11	>1000	425	Brown	6.81	21.2	↓
	1159	13.75	900	415	Tan	6.78	21.2	A lot less sandy
	1201	16.5	510	409	Tan	6.76	21.1	↓
	1204	19.25	250	404	Light Tan	6.75	21.0	↓
	1207	22	190	400	Light Tan	6.74	21.0	No sand
	1209	24.75	150	396	Very Light Tan	6.73	20.9	↓
	1212	27.5	130	393	Almost clear	6.71	21.1	↓

REMARKS: 29.65 - 13.65 = 16 x 0.17 = 2.72 0.03 0.96%

1.78%

WELL DEVELOPMENT LOG

Project Number 72CP.01574.05.1204 Well MW-7

Project Name Offsite Assessment Development Subcontractor Gregg Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift Sub. Pump Surge Block (Bailer) Other _____

Development Criteria Surge Prior to bailing. Purge at least 10 casing volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter & Turbidity Meter

Development Water Disposal Method 55-gallon drum

Comments Surge 15 min prior to Purge

DEVELOPMENT DATA

Depth to Water: Start 16.72 End 17.16 Ref. Point Elev. ____ Height Above Ground Surface ____

Total Depth: Start 24.00 End 24.15

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
1/9/06	1008	0	>1000	720	Brown	9.66	18.8	Sandy
	1018	1.25	>1000	497	Brown	8.93	18.6	
	1019	2.5	>1000	462	Brown	8.32	18.8	
	1021	3.75	>1000	445	Brown	7.97	18.9	
	1023	5	>1000	441	Brown	7.87	18.9	
	1025	6.25	>1000	428	Brown	7.75	19.1	Less sandy
	1027	7.5	>1000	409	Brown	7.57	18.9	
	1029	8.75	>1000	396	Brown	7.45	19.0	
	1030	10	>1000	389	Brown	7.41	19.0	
	1032	11.25	>1000	384	Brown	7.32	18.9	
	1034	12.5	>1000	363	Brown	7.25	18.9	A lot Less sandy
	1036	13.75	>1000	369	Brown	7.20	19.0	
	1037	14	>1000	366	Brown	7.19	19.0	

REMARKS: 24 - 16.72 = 7.28 x 0.17 = 1.23

1.65%

0.06 0.53%

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 1/26/07 **Project Name:** 76 Service Station #6390

Field Technician: Richard **Project Number:** 77CP.01574.07.8511

DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Flow through cell calibrated Y X N___

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y X N___

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
MW-4	7'-27'	15	1049 ~~1038~~	Ø	14.91 ~~14.90~~	27.09 ~~14.98~~	Y	N	Y	
MW-6	13'-19'	17	1053	Ø	14.79	18.97		N		
MW-7	22'-25'	Center of Water Column - Top of Screen (22') if Submerged	1046	Ø	17.17	24.45		N		
MW-8	17'-30'	Center of Water Column - Top of Screen (17') if Submerged	1041	Ø	14.09	30.05		N		
MW-9	11.5'-15'	Center of Water Column - Top of Screen (11.5') if Submerged	1035	Ø	14.90	14.98	X	N	X	

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-4

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-4

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1525 END (2400hr) 1540

DATE SAMPLED _____ SAMPLE TIME (2400hr) 1542 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = ~~NABH~~ 27.09 LINE VOLUME (L) = 370 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = ~~NABH~~ 14.91 CALCULATED PURGE (L) = ____

WATER COLUMN HEIGHT (feet) = 12.18 ACTUAL PURGE (L) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1529	370	15.84	0.488	6.72		
	1532	810	17.28	0.490	6.71		
	1535	1265	17.29	0.489	6.71		
	1538	1655	18.09	0.489	6.71		
Calculated Variance of Final Three Samples:			1.74%	0.20%	0		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 14.75 DTW AFTER PURGING: 14.82 SAMPLE DTW: 14.82

DEPTH TO PURGE INTAKE DURING PURGE: 15 DEPTH TO PURGE INTAKE AFTER PURGE: 15 SAMPLE DEPTH: 15

ANTICIPATED PURGE INTAKE DEPTH: 15 ANALYSES: TPPH BTEX MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: 3 VOAs w/ HCl

PURGING EQUIPMENT: Low Flow

SAMPLING EQUIPMENT: Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO ____

WELL INTEGRITY: Good LOCK#: Yes

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-6

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-6

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1615 END (2400hr) 16:28

DATE SAMPLED 1/26/07 SAMPLE TIME (2400hr) 1633 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = _____ LINE VOLUME (L) = .440 CASING VOLUME (L) = _____

DEPTH TO WATER (feet) = _____ CALCULATED PURGE (L) = _____

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME ~~(gal)~~ mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1620	440	17.11	0.668	6.85	Brown	
	1623	850	17.69	0.669	6.84	Brown	
	1626	1700	17.69	0.669	6.81	Brown	
Calculated Variance of Final Three Samples:			3.39	.15	.04		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 14.63 DTW AFTER PURGING: 14.8 SAMPLE DTW: 14.8

DEPTH TO PURGE INTAKE DURING PURGE: 17 DEPTH TO PURGE INTAKE AFTER PURGE: 17 SAMPLE DEPTH: 17

ANTICIPATED PURGE INTAKE DEPTH: 17 ANALYSES: TPPH, BTEX, MTBE

ODOR: _____

SAMPLE VESSEL / PRESERVATIVE: 3 VOAS W/HCL

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES ____ NO ____

WELL INTEGRITY: Good LOCK#: yes

REMARKS: _____

SIGNATURE: _____ Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-7

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-7

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1410 END (2400hr) 1455

DATE SAMPLED _____ SAMPLE TIME (2400hr) 1458 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 24.45 LINE VOLUME (L) = 540 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 17.17 CALCULATED PURGE (L) = ____

WATER COLUMN HEIGHT (feet) = 7.28 ACTUAL PURGE (L) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
	1442	540	13.60	0.485	6.72	Clear	
	1445	850	15.10	0.492	6.40	Clear	
	1448	1015	15.78	0.492	6.30	Clear	
	1451	1420	16.52	0.492	6.29	Clear	
	1454	1770	16.69	0.492	6.25		
Calculated Variance of Final Three Samples:			5.77	0	0.05		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 17.02 DTW AFTER PURGING: 17.25 SAMPLE DTW: 17.25

DEPTH TO PURGE INTAKE DURING PURGE: 22 DEPTH TO PURGE INTAKE AFTER PURGE: 22 SAMPLE DEPTH: 22

ANTICIPATED PURGE INTAKE DEPTH: 22 ANALYSES: TPPH BTEX MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: 3 Voa W/ HCl

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO ____

WELL INTEGRITY: Good LOCK#: 423

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-8

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-8

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1305 END (2400hr) 1319

DATE SAMPLED _____ SAMPLE TIME (2400hr) 1323 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 30.05 LINE VOLUME (L) = 1.44 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 14.09 CALCULATED PURGE (L) = ____

WATER COLUMN HEIGHT (feet) = 15.96 ACTUAL PURGE (L) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1312	440	16.15	.500	6.77	Lt. Tan	
	1315	290	16.19	0.499	6.75	Lt Tan	
	1318	920	16.50	0.498	6.74		
Calculated Variance of Final Three Samples:			2.17	.40%	0.03		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 14.09 DTW AFTER PURGING: 14.10 SAMPLE DTW: 14.10

DEPTH TO PURGE INTAKE DURING PURGE: 17 DEPTH TO PURGE INTAKE AFTER PURGE: 17 SAMPLE DEPTH: 17

ANTICIPATED PURGE INTAKE DEPTH: 17 ANALYSES: TPPH, BTEX, MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: 3 VOAs W/ HCl

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO ____

WELL INTEGRITY: Good LOCK#: Yes

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #:

CLIENT NAME: CP

LOCATION: 6390

PURGED BY: Rich

SAMPLED BY: Rich

WELL I.D.: MW-9

SAMPLE I.D.: MW-9

DATE PURGED 1/26/07

DATE SAMPLED 1/26/07

START (2400hr) 1128

SAMPLE TIME (2400hr) 1221

END (2400hr) 1156

SAMPLE TYPE: Groundwater X Surface Water ___ Treatment Effluent ___ Other ___

LOW-FLOW USED N

CASING DIAMETER: 2" X 3" ___ 4" ___ 5" ___ 6" ___ 8" ___ Other ___ ( )

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84)

DEPTH TO BOTTOM (feet) = 14.98

DEPTH TO WATER (feet) = 14.96

WATER COLUMN HEIGHT (feet) = 0.08

LINE VOLUME (L) = ___ CASING VOLUME (L) = 0.0512

CALCULATED PURGE (L) = ___

ACTUAL PURGE (L) = ___

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1131	0	15.71	0.001 ms/cm	7.48	Sl. Tan	
	1145	25	15.14	0.438 ms/cm	6.86	Sl. Tan	
	1150	50	14.76	0.442 ms/cm	6.84	Sl. Tan	
	1156	100	14.46	0.439 ms/cm	6.82	Sl. Tan	

Calculated Variance of Final Three Samples: 4.7% 0.9% 0.04

Acceptable Variance Limits: ≤ 10% ≤ 3% ≤ 0.1

DTW DURING PURGING: 14.90 DTW AFTER PURGING: 14.90 SAMPLE DTW: 14.90

DEPTH TO PURGE INTAKE DURING PURGE: 14.94 DEPTH TO PURGE INTAKE AFTER PURGE: 14.94 SAMPLE DEPTH: 14.94

ANTICIPATED PURGE INTAKE DEPTH: Center of H_2O Column ANALYSES: TPPH, BTEX, MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: Voa with HCl

PURGING EQUIPMENT: ~~Bailer~~ Peristaltic Pump

SAMPLING EQUIPMENT: Peristaltic Pump

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL INTEGRITY: ___

LOCK#: Yes

REMARKS: ___

SIGNATURE: [signature]

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD REPORT

DATE 1-19-07	PAGE OF
PROJECT NO. 77CP.01574.07	TASK NO. 1201
PROJECT	
LOCATION	
WEATHER	TEMP.
CLIENT	
SUBCONTRACTOR	

FIELD OFFICE:

TO:

ATTN:

6:30 - 9:00 AM Drive Time to site

9:00 AM - Health & Safety Tailgate. Regulator, Dena Milano, onsite. He expressed concerns regarding precipitation in the past 5 days. Call to Adrian Perez in office to obtain precipitation records. For South SF Precipitation was: .14" 1/16/07, .02" 1/18/07 website reference is www.wunderground.com

Less than .25" for 5 day period. Based on fine grained lithology, surface cover of asphalt/concrete, vadose zone is not likely saturated.

10:00 AM - Initial pressure on VP-1 through VP-3 & PURGE-1 through PURGE-3 at -30.5 mmHg.

10:10 AM - 15 min. pressure check on VP/PURGE set up

10:15 AM - VP3/PURGE3 Failed vacuum check after 2 mins. Used 4th manifold

10:40 AM - All three (VP1/P1, VP2/P2, VP3/P3) systems passed vapor vacuum test.

10:55 AM - VP3/P3 : Initial Vac. -26 mmHg → Final Vac <-1 mmHg

11:02 AM - VP2/P2 : Initial Vac. -31 mmHg → Final Vac -4.5 mmHg

11:08 AM - VP1/P1 : Initial Vac. -30.5 mmHg → Final Vac -4.5 mmHg

11:29 AM - VP3 Sampling initiated -27 , 12:00 end -2

11:39 AM - VP1 Sampling initiated -30.5 , 12:10 end -4

11:41 AM - VP2 Sampling initiated -31.0 , 12:16 end -4.5

1245 - Sampling Complete. offsite

Drums - 18, 13 solid 5 liquid

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD REPORT

DATE 2/1/07	PAGE 1 OF 2
PROJECT NO. 7768.01574.05	TASK NO.
PROJECT Offsite Assessment	
LOCATION CP 6390	
WEATHER Foggy	TEMP. Cool
CLIENT ConocoPhillips	
SUBCONTRACTOR	

FIELD OFFICE: 077

TO:

ATTN: Diane Barclay

0600 Leave for site
0840 Arrive at site. Check in with station. H+S meeting
0910 Initial Pressure on VP-1 through VP-3 and Purge 1 through Purge 3 at -30.5 mm Hg for all except Purge 1 @ -30.25 mmHg
0930 Start 15 min leak test
0945 All 3 systems (VP-1/P1, VP-2/P2, VP-3/P3) passed test
0958 VP-3/P3: ~~Initiated~~ Initial Vac. -30 mmHg → Final -4 mmHg
1003 VP-2/P2: Initial Vac. -30.5 mm Hg → Final -2 mmHg
1006 While connecting VP-1/P1 to probe, noticed pressure had changed. Tighten connections. 15 min leak test.
Water in VP-2 well box
1015 VP-1/P1 drop in pressure
1029 Leak check 2nd manifold VP-1/P1

1031 VP-3 sampling: Initial Vac. -29.75 mmHg → Final -3 mm Hg End 1115
1041 VP-2 sampling: Initial Vac. -31 mmHg → Final -3.5 mm Hg End 1127

1055 Initial Pressure Sub Slab -30.5 mmHg & Purge Sub Slab -30.25 mmHg
1103 Leak test sub slab system
1122 VP-1/P1 & Sub Slab Pass leak check

1145 VP-1/P1: Initial Vac. -30 mmHg → Final -4.5 mmHg
1219 VP-1 Sampling: Initial Vac -30 mmHg → Final -3 mmHg End 1302
1310 Sub Slab opening too small to attach canisters. Go to Home Depot for drill to widen hole.

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

SECOR

SECOR INTERNATIONAL INCORPORATED

FIELD REPORT

DATE 2/1/07 ~~2/26/07~~	PAGE 2 OF 2
PROJECT NO.	TASK NO.
PROJECT	
LOCATION	
WEATHER	TEMP.
CLIENT	
SUBCONTRACTOR	

FIELD OFFICE:

TO:

ATTN:

1405 Start widening hole.
1500 Opening wide enough for hands + wrench. When I tighten nut, swagelock on probe twists also. Call office.
1610 Recieve call from office. Because of possible leaks in probe, we are going to reset it. Clean up.

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD REPORT

DATE 2/6/07	PAGE 1 OF 1
PROJECT NO.	TASK NO.
PROJECT CP 6340	
LOCATION	
WEATHER	TEMP.
CLIENT	
SUBCONTRACTOR	

FIELD OFFICE: 077

TO:

ATTN:

0910 Arrive onsite
0930 Initial Vac -30 mmHg in Purge Sub Slab and -30.5 mmHg in Sub Slab
0935 15 min leak test
0957 Sub Slab/ P/Sub Slab: Initial Vac -31 mmHg → Final -20 mmHg
1011 Sampling Sub Slab: Initial Vac -30.5 mmHg → End 1025 Final -19 mmHg
1045 Leave site

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

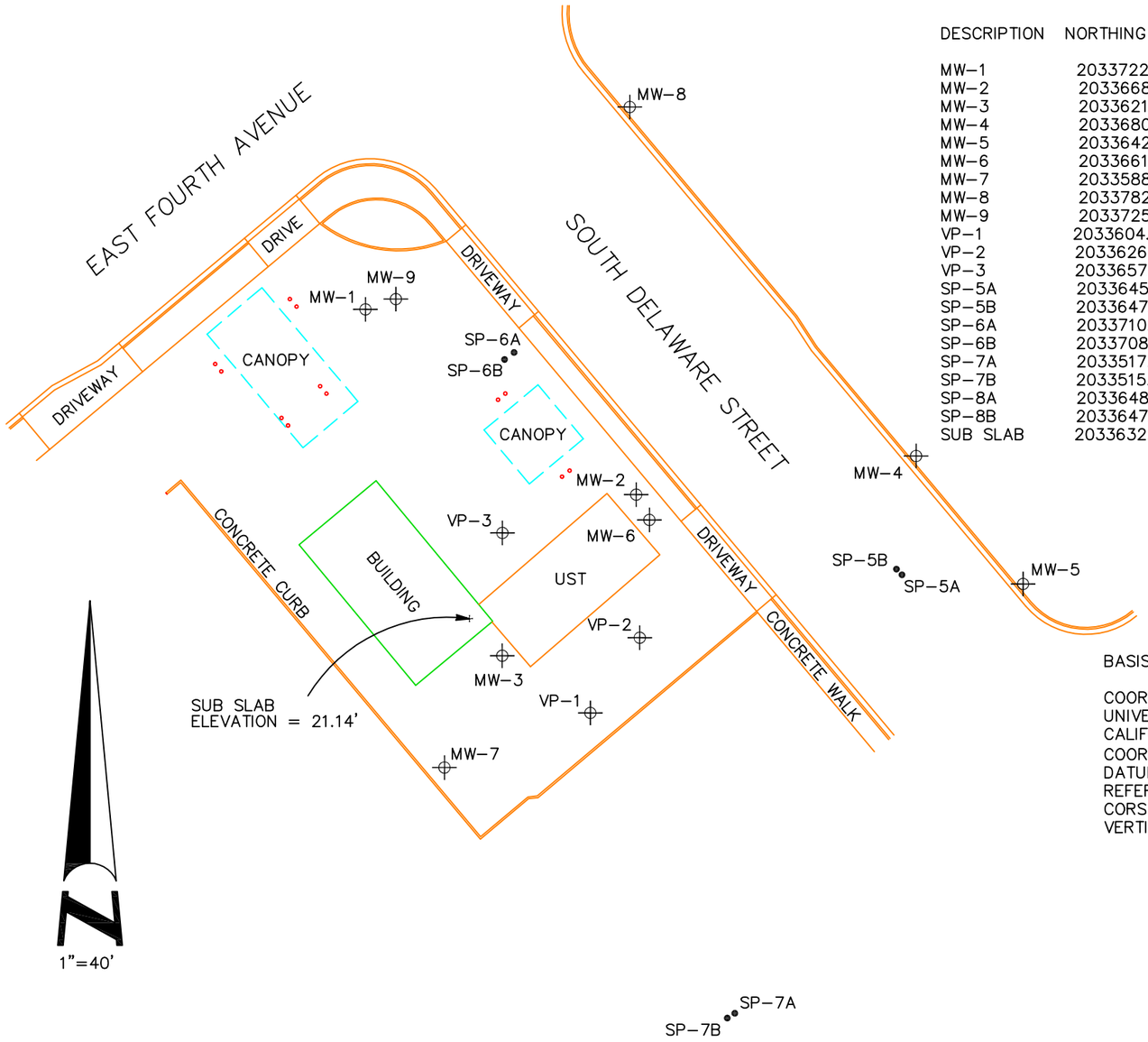
PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

APPENDIX E
SURVEYING DATA

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)	ELEV (GND)
MW-1	2033722.9	6034418.4	37.5661132	-122.3192523	19.46	19.83	
MW-2	2033668.7	6034497.7	37.5659685	-122.3189753	19.11	19.43	
MW-3	2033621.6	6034458.4	37.5658371	-122.3191075	20.69	21.09	
MW-4	2033680.0	6034579.6	37.5660039	-122.3186934	19.02	19.27	
MW-5	2033642.6	6034610.9	37.5659028	-122.3185829	18.89	19.47	
MW-6	2033661.3	6034501.6	37.5659485	-122.3189615	19.07	19.48	
MW-7	2033588.9	6034441.6	37.5657463	-122.3191636	21.74	22.17	
MW-8	2033782.2	6034495.8	37.5662799	-122.3189894	18.42	18.81	
MW-9	2033725.9	6034427.3	37.5661219	-122.3192218	19.42	19.71	
VP-1	2033604.9	6034484.3	37.5657924	-122.3190173		21.35	
VP-2	2033626.9	6034498.7	37.5658536	-122.3189690		20.41	
VP-3	2033657.5	6034458.5	37.5659357	-122.3191097		20.31	
SP-5A	2033645.3	6034575.5	37.5659083	-122.3187054			19.6
SP-5B	2033647.0	6034573.8	37.5659128	-122.3187111			19.7
SP-6A	2033710.3	6034461.9	37.5660808	-122.3191014			19.3
SP-6B	2033708.3	6034459.1	37.5660751	-122.3191109			19.3
SP-7A	2033517.0	6034526.6	37.5655534	-122.3188656			20.8
SP-7B	2033515.6	6034524.3	37.5655495	-122.3188731			20.9
SP-8A	2033648.6	6034716.5	37.5659249	-122.3182190			19.1
SP-8B	2033647.2	6034714.9	37.5659211	-122.3182246			19.1
SUB SLAB	2033632.5	6034448.9	37.5658663	-122.3191413			

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.
COORDINATE DATUM IS NAD 83(1986).
DATUM ELLIPSOID IS GRS80.
REFERENCE GEOID IS NGS99.
CORS STATIONS USED WERE FARB AND DIAB.
VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

Monitoring Well Exhibit

Prepared For:

Secor International, Inc.

0 20 40 80 120
SCALE IN FEET

ConocoPhillips 76 Station No. 6390
402 South Delaware Street
San Mateo
San Mateo County
California

Morrow Surveying
LAND SURVEYORS
1450 Harbor Blvd. Ste. D
West Sacramento
California 95691
(916) 372-8124
jeff@morrowsurveying.com

Date: 8-13-05
Scale: 1" = 40'
Sheet 1 of 1
Revised: 1-18-07
Field Book: NW-20
Dwg. No. 7228-244 JL

APPENDIX F
WASTE DISPOSAL DOCUMENTATION

OFFSITE ASSESSMENT REPORT
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of

3. Generator's Name and Mailing Address
CONOCO PHILLIPS/ MARY BODDEN
600 N. DAIRY ASHFORD, TA1024A
HOUSTON, TX 77079

4. Generator's Phone (281 293 5617

5. Transporter 1 Company Name
FILTER RECYCLING SERVICES, INC

6. US EPA ID Number
C A D 9 8 2 4 4 4 4 9 1

A. Transporter's Phone (909) 820-4111

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
FILTER RECYCLING SERVICES, INC
180 W MONTE AVE
RIALTO, CA 92316

10. US EPA ID Number
C A D 9 8 2 4 4 4 4 9 1

C. Facility's Phone (909) 421-2017

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON HAZARDOUS WASTE SOLID	013	DM	0.39.00	P
b. NON HAZARDOUS WASTE LIQUID	006	DM	00270	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above
11A) SOIL
11B) WATER

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Wear appropriate protectective clothing
24 Hour Emergency Response # (909) 721-2038
BILL TO: SECOR

P/U: 76 STATION #5390
402 SOUTH DELAWARE ST
SAN MATEO, CA

INV# 25862

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name BILL TO: SECOR Signature Date: Month 02 Day 14 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Larry Ford Signature Date: Month 02 Day 14 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.
Printed/Typed Name Signature Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

SECOR
INTERNATIONAL
INCORPORATED

www.secor.com
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400 TEL
916-861-0430 FAX

OFFSITE ASSESSMENT REPORT FOR

CONOCOPHILLIPS

76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

February 28, 2007
77CP.1574.05.1222

OFFSITE ASSESSMENT REPORT

ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

SECOR Project No.
77CP.1574.05.1222

Submitted By:
SECOR International Incorporated
3017 Kilgore Road, Suite 100
Rancho Cordova, California 95670

Prepared on behalf of:
ConocoPhillips Company

February 28, 2007

Prepared by:

Jaime Ricci
Staff Geologist

Matthew J. Battin
Project Scientist

Reviewed by:

Diane M. Barclay, C.H.G.
Senior Geologist

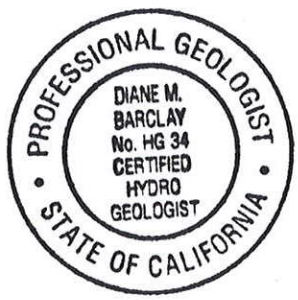


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APPENDIX C	Boring Logs And Well Construction Details
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APPENDIX G	Certified Laboratory Analytical Reports, Chain- Of Custody Documentation, and Secor Lab Validation Sheets
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Plate 1	Geologic Cross-Sections A-A', B-B', and C-C'

1.0 INTRODUCTION

This report has been prepared by SECOR International, Inc. (SECOR) on behalf of the ConocoPhillips Company (ConocoPhillips) for a site assessment to evaluate the extent of petroleum hydrocarbons adsorbed to soil, dissolved-phase petroleum hydrocarbons in groundwater, and petroleum hydrocarbon vapor in subsurface soil at the property located at 402 South Delaware Street, San Mateo, California (the "Site"). SECOR submitted a work plan on December 5, 2005 to the San Mateo County Health Department – Groundwater Protection Program (SMCHD-GPP) addressing further assessment of the lateral and vertical extent of hydrocarbon-affected groundwater north, southeast, and south of the fuel UST cavity, and the potential vapor inhalation risk from hydrocarbon-affected groundwater in the southern half of the site. The SMCHD-GPP requested a revised work plan in their letter dated May 1, 2006 (Appendix A). SECOR submitted a *Revised Work Plan for Additional Site Assessment* on June 22, 2006. This revised work plan was conditionally approved by the SMCHD-GPP in their letter dated October 18, 2006 (Appendix A).

2.0 SITE BACKGROUND

2.1 Site Location

The 76 branded Service Station property (the "site") is located at 402 South Delaware Street, on the south corner of South Delaware Street and East Fourth Avenue in the City of San Mateo, San Mateo County, California (Figure 1). The site is bordered by South Delaware Street to the northeast, East Fourth Avenue to the northwest, and commercial buildings to the southwest and southeast. There are two active gasoline service stations located in the near vicinity: a Shell station on the north corner of East Third Avenue and South Delaware Street, and an ARCO station on the south corner of East Third Avenue and South Delaware Street. Historically, there used to be a Shell service station directly across South Delaware Street from the site on the east corner of South Delaware Street and East Fourth Avenue; a Jiffy Lube now exists at this location. Additionally, a former 76 branded service station was located on the west corner of East Third Avenue and El Dorado Street.

The site is an active service station dispensing 76 branded gasoline. The property is owned by Lucile G. Benedetti, whose contact information has been supplied to the SMCHD-GPP under separate cover. The station facilities include two unleaded gasoline underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (Figure 2). The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site when the current gasoline USTs were installed.

2.2 Site History

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon capacity, fiberglass, gasoline underground storage tanks (USTs), one 505-gallon waste oil UST, and the associated product piping and dispensers. A 9-inch long crack was observed along the eastern end of the super unleaded gasoline UST upon removal. Subsequent petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30 feet long by 27 feet wide by 22 feet deep. Initially, six soil samples were collected (A1, A2, B1, B2, SW1, and SW2) from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches. KEI returned at a later date to collect an additional three samples (SW1(2.5), SW2(2.5), and SW3) from the gasoline UST cavity and a grab water sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater was observed to have floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2 , and D3) from beneath the gasoline dispensers. Laboratory analysis of soil samples collected from the gasoline UST cavity indicated the presence of up to 5,000 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg, B2), 47 mg/kg benzene (B2), 470 mg/kg toluene (B2), 120 mg/kg ethyl-benzene (B2), 790 mg/kg total xylenes (B2), and 5.9 mg/kg total petroleum hydrocarbons as diesel (TPHd, SW3). The requested petroleum hydrocarbon

constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc at concentrations of 1.1 mg/kg, 67 mg/kg, 73 mg/kg, 6.0 mg/kg, and 44 mg/kg, respectively, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. Analysis of the water sample collected from the gasoline UST indicated 28,000 micrograms per liter (µg/L) TPHd, 50,000 µg/L TPHg, 1,200 µg/L benzene, 6,700 µg/L toluene, 1,400 µg/L ethyl-benzene, and 10,000 µg/L total xylenes. Laboratory results are included in Table 1 (KEI, 1992).

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site (Figure 2). Laboratory analysis of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and benzene, toluene, ethyl-benzene, and total xylenes (BTEX) at maximum concentrations of 2,600 mg/kg TPHg (MW2 at 17'), 26 mg/kg benzene (MW2 at 15'), 240 mg/kg toluene (MW2 at 15'), 62 mg/kg ethylbenzene (MW2 at 17'), and 410 mg/kg total xylenes (MW2 at 17'). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially monitored and sampled in June 1994. Laboratory analysis of the water samples collected indicated the presence of petroleum hydrocarbons in MW-2 and MW-3, with maximum concentrations of 89,000 µg/L TPHg, 11,000 µg/L benzene, 37,000 µg/L toluene, 3,000 µg/L ethyl-benzene, and 20,000 µg/L total xylenes reported in MW-2. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs), with the evaluated groundwater gradient being approximately 0.004 foot/foot to the east. KEI concluded to follow a three month monitoring program, at which point the wells would be re-sampled. Laboratory results are included in Tables 1 and 2 (KEI, 1994).

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed in offsite locations in the sidewalk along the opposite side of South Delaware Street form the site (Figure 2). The offsite wells were located in the downgradient direction from the site. Laboratory analysis of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX at maximum concentrations of 600 mg/kg TPHg, 3.3 mg/kg benzene, 38 mg/kg toluene, 14 mg/kg ethylbenzene, and 96 mg/kg total xylenes in soil sample MW4 at 5'. The new wells were added to the quarterly groundwater monitoring and sampling program, and were first sampled in April 1995. Laboratory analysis of the water samples collected from MW4 and MW5 indicated the presence of maximum concentrations of 150,000 µg/L TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethyl-benzene, and 31,000 µg/L total xylenes reported in MW-4. Laboratory results are included in Tables 1 and 2 (KEI, 1995).

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes at 1.5 mg/kg, 0.006 mg/kg, and 0.009 mg/kg, respectively. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 mg/kg, 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. The remaining requested petroleum hydrocarbon constituents were not reported above laboratory detection limits. Laboratory results are included in Table 1 (GSI, 1996).

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at offsite locations (Figure 2). The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab water samples were collected from each borehole. Laboratory analysis of the water samples indicated the presence of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4 at concentrations of 450 µg/L, 71 µg/L, 6.7 µg/L, and 17 µg/L, respectively. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2. A summary of laboratory results is included in Table 2 (KEI, 1996).

The site has been monitored and sampled since the second quarter 1994. From 1994 to 2000, the site was monitored on a quarterly basis. Since 2001, the frequency has been reduced to semi-annual monitoring and sampling. Historically, the highest dissolved phase petroleum hydrocarbon concentrations have occurred in wells MW-2 and MW-3. The groundwater gradient has been mainly to the east and southeast (SECOR, 2006). Laboratory results are included in Table 2.

Historical soil and groundwater sampling locations are shown on Figure 2, and historical soil, groundwater, and gradient data are summarized in Tables 1 through 3 and Figure 3.

3.0 SCOPE OF WORK

On December 14 and 15, 2006, SECOR field staff observed Gregg Drilling and Testing, Incorporated (Gregg) of Martinez, California, advance four direct push soil borings (SP-5, SP-6 SP-7, and SP-8). On December 27, 2006, SECOR field staff observed Vironex of San Leandro, California, install three soil vapor wells (VP-1, VP-2, and VP-3) and one subslab soil vapor probe (SUBSLAB). From January 2 through 4, 2007, SECOR field staff observed Gregg install four groundwater monitoring wells (MW-6, MW-7, MW-8, and MW-9) and destroy four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5) using hollow stem auger (HSA). On February 2, 2007, SECOR field staff observed Vironex reinstall the subslab soil vapor probe. The soil boring, monitoring well, and soil vapor well locations are illustrated on Figure 2. The completed scope of work is discussed below.

3.1 Site Health and Safety Plan

As required by the Occupational Health and Safety Administration Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120), and by the California Occupational Health and Safety Administration "Hazardous Waste Operations and Emergency Response" guidelines (CCR Title 8, Section 5192), SECOR updated the current site-specific Health and Safety Plan (HASP) prior to the commencement of fieldwork. The HASP was reviewed by field staff and contractors before beginning field operations, and was in the possession of SECOR personnel while conducting work activities at the site.

3.2 Permitting

Prior to site assessment activities, SECOR applied for an encroachment permit from the City of San Mateo Department of Public Works (CSMDPW) for the advancement of soil borings SP-5, SP-6, SP-7, and SP-8, the destruction of monitoring well MW-5, and the installation of monitoring well MW-8. The CSMDPW encroachment permit was approved on December 14, 2006. SECOR also applied for subsurface drilling permits from the SMCHD-GPP, and these permits were granted on December 5, 2006. Copies of the permits are included in Appendix A.

3.3 Subsurface Utility Clearance

Prior to initiating field activities, SECOR marked the boring locations, contacted Underground Service Alert (USA) 48 hours prior to the initiation of field work, and contracted a private utility locator to investigate whether the proposed boring locations were clear of potential subsurface obstructions. Under the direction of SECOR field staff, the private utility locator identified an anomalous metallic signal in the vicinity of SP-6, and recommended moving the borehole either onsite, or into the second lane of traffic. The boring was moved onsite to prohibit the impedance of traffic on South Delaware Street. The private utility locator also identified an anomalous metallic signal in the vicinity of soil borings SP-5 and SP-7. The utility locator recommended moving SP-5 to the left northbound lane of South Delaware Street and recommended moving SP-7 to the center of East Fifth Avenue. SECOR discussed the new locations with traffic control, and both accepted the new location of the boreholes. The surface markings made by the utility companies contacted as member services of USA indicated that SECOR could not advance soil boring SP-8 and monitoring well MW-8 due to the presence of

subsurface utilities. SECOR instructed the private locator to determine the depth of the utility and the private locator determined the utility was marked incorrectly. SECOR contacted the USA member to remark the location. The USA member determined the utility was incorrectly marked the first time and correctly marked the utility. Soil boring SP-8 was in a location cleared for utilities. The location for monitoring well MW-8 was moved from the street to the sidewalk area which was cleared by both the private locator and the members of USA. The USA markings were corroborated by the private utility locator. The private utility locator did not identify potential subsurface obstructions at the locations for monitoring wells MW-6, MW-7, and MW-9, for soil vapor wells VP-1, VP-2, and VP-3, or the sub-slab vapor probe.

In order to decrease the chance of damaging an unidentified subsurface utility line, it is ConocoPhillips policy to use a pressurized air lance and vacuum to remove the top five feet of subsurface material. Soil borings SP-5 through SP-8 and MW-6 through MW-9 were cleared to a depth of 5 feet bgs using an air lance and vacuum truck prior to commencement of mechanical drilling. Additionally, the annulus materials surrounding wells MW-2 and MW-5 were cleared to a depth of 5 feet bgs.

The private utility locator identified electrical lines adjacent to groundwater monitoring wells MW-1 and MW-3. The distance between the lines and the monitoring wells was such that the wells could not be destroyed by over drilling, as stated in the work plan. These two wells were destroyed following the SMCEHD protocol for pressure grouting.

SECOR's field procedures are included in Appendix B.

3.4 Direct Push Soil Borings

On December 14 and 15, 2006, four soil borings (SP-5, SP-6, SP-7, and SP-8) were advanced. Soil boring SP-5 was advanced in the left northbound lane on South Delaware Street approximately 50 feet northwest of the intersection of South Delaware Street and East Fifth Avenue; soil boring SP-6 was advanced onsite approximately 12 feet northwest of the northeast dispenser island canopy; and soil borings SP-7 and SP-8 were advanced on East Fifth Avenue, approximately 88 feet southwest and approximately 87 feet northeast of the intersection of East Fifth Avenue and South Delaware Street, respectively (Figure 2).

The soil borings were advanced to depths of 28 feet bgs (SP-6), 30 feet bgs (SP-5 and SP-8), and 34 feet bgs (SP-7). Dual wall, direct push Geoprobe was utilized for soil boring SP-5 to a depth of 24 feet. Single wall, direct push Geoprobe casing was utilized for the remaining 6 feet in soil boring SP-5 and the total depths of soil borings SP-6, SP-7 and SP-8, because a possible shallow saturated zone between 5 and 15 feet bgs was not encountered. Groundwater was first observed in borings SP-5 and SP-8 at a depth of 20 feet bgs, in soil boring SP-6 at a depth of 21 feet bgs and in soil boring SP-7 at a depth of 32 feet bgs. Groundwater stabilized at depths between approximately 15 and 15.5 feet. SECOR's field procedures are included in Appendix B.

3.5 Soil Vapor Well Installation

On December 27, 2006, three soil vapor wells (VP-1, VP-2, and VP-3) were installed. Soil vapor wells VP-1 and VP-2 were advanced south of the UST pit, and soil vapor well VP-3 was

advanced north of the UST pit (Figure 2). The boreholes for the soil vapor wells were advanced using a 6-inch diameter hand auger to depths of 5.5 feet bgs (VP-2), and 6 feet bgs (VP-1 and VP-3). The soil vapor wells were completed by holding the vapor probe tip (attached to 8 feet of Tygon tubing) 6 inches above the bottom of the borehole and emplacing a #3 Monterey sand filter pack that extended 6 inches below and 6 inches above the probe. A six-inch hydrated bentonite seal was placed above the sand, and neat cement grout was placed above the bentonite seal to approximately six inches bgs. The probes were completed at the surface with a well box and concrete dyed to match existing grade. A Swagelok fitting was place on the end of the Tygon tubing, and was turned to the closed position during the construction of the soil vapor well.

SECOR's field procedures are included in Appendix B.

3.6 Subslab Vapor Probe Installation

On December 27, 2006, a subslab vapor probe (SUBSLAB) was installed in the southeast corner of the station building, inside the auto repair bay (Figure 2). A 1/8-inch diameter, 6-inch long, stainless steel tube with a ½-inch diameter Swagelok compression fitting attached to the top was used to create the soil vapor probe. Spacer fittings were installed between the Swagelok fitting and the tubing to allow for the cement seal. The probe was assembled by Vironex after arrival at the site. A ¼-inch diameter inner hole was advanced to a depth of approximately 3 inches below the concrete building slab, and the cuttings were removed with a vacuum. A 1.5-inch diameter outer hole was advanced along the centerline of the inner hole to a depth of approximately 4.5 inches into the concrete slab. The probe was set in the inner hole and a cement seal was emplaced so as not to contact the Swagelok fitting. SECOR emplaced putty over the probe to protect it from foot traffic in the garage area.

When SECOR personnel returned to sample the subslab probe on February 1, 2007, the Swagelok fitting on the probe was loose. SECOR returned with Vironex on February 2, 2007 to remove the subslab vapor probe, tighten the Swagelok fitting, and reinstall the probe in the same location.

A schematic of the soil vapor probe is included as Figure 4. SECOR's field procedures are included in Appendix B. Concrete cuttings generated during the installation of the soil vapor probe were disposed of by Vironex as construction waste.

3.7 Groundwater Monitoring Well Installation

From January 2 to 4, 2007 four groundwater monitoring wells (MW-6, MW-7, MW-8, and MW-9) were installed using a HSA rig equipped with 8-inch diameter auger flights. Monitoring well MW-6 was installed near the location of destroyed monitoring well MW-2, monitoring well MW-7 was installed in the southern corner of the site, monitoring well MW-8 was installed on the east corner of South Delaware Street and East Fourth Avenue, and monitoring well MW-9 was installed near the location of destroyed monitoring well MW-1 (Figure 2). The groundwater monitoring well borings were advanced to a depth of 20 feet bgs for MW-6, 26.5 feet bgs for MW-7, 30 feet bgs for MW-8, and 17 feet bgs for MW-9. Groundwater was first encountered at 15.9 feet bgs in MW-6, 22 feet bgs in MW-7, 18 feet bgs in MW-8, and 14.7 feet bgs in MW-9. Groundwater stabilized at depths between approximately 13 and 18 feet bgs.

The monitoring wells were constructed using 2-inch diameter poly vinyl chloride (PVC) casing with a 0.020-inch slotted screen interval extending from 13 to 19 feet bgs for MW-6, 22 to 25 feet bgs for MW-7, 17 to 30 feet bgs for MW-8, and 11.5 to 15 feet bgs for MW-9. A filter pack of #3 Monterey sand was placed in the annulus across from the screen and 1 to 2 feet above the screen. A 2 to 3 foot thick bentonite seal (hydrated chips) was placed above the sand pack. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied from the top of the bentonite seal to 1 foot bgs. The wells were completed at the surface with a traffic rated well box set in concrete dyed to match the existing grade, and a locking well cap was placed on the casing. The well materials were tremmied through the annulus of the HSA flights. Because a potential aquitard was encountered at the bottom of the boreholes for monitoring wells MW-6, MW-7, and MW-9, a bentonite seal was emplaced within this fine-grained material at the bottom of each of these three boreholes prior to well construction. These potential aquitards were not penetrated through during the drilling operations.

SECOR's field procedures are included in Appendix B. Boring logs illustrating well construction details are included in Appendix C.

3.8 Grab Groundwater Sample Collection and Analysis

Grab groundwater samples were collected from soil borings SP-5 through SP-8. The groundwater samples were collected by lowering a disposable bailer through the annulus of the direct push casing. The samples were transferred from the bailers, using a low-flow control spigot, into 40 milliliter (ml) volatile organic analyte (VOA) vials preserved with hydrochloric acid (HCl). The VOAs were placed on ice, and submitted to a California certified laboratory to be analyzed for the presence of total purgeable petroleum hydrocarbons (TPPH); BTEX; MTBE; ethanol, TBA, tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), ethylene dibromide (EDB), and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260B.

3.9 Soil Sample Collection and Analysis

The direct push soil borings were sampled continuously, and the monitoring well borings were sampled every 5 feet, or more frequently to continuously as necessary to investigate soil stratigraphy, using a modified California sampler. The borings were described in accordance with the Unified Soil Classification System (USCS) by a SECOR scientist under the direction of a California Professional Geologist. Soil samples from the direct push soil borings were contained in Teflon® liners that were inserted into the sample collection rod. Soil samples from the monitoring well borings were contained in 2 inch diameter by 6 inch long brass sleeves that were inserted into the modified California sampler. Soil samples were examined for odors, visible signs of petroleum hydrocarbons, and screened for hydrocarbon vapors using a photo-ionization detector (PID). Samples were submitted for analysis from above the water bearing zone, potential aquitards at the bottom of the borings, depths of previously known impact, and if elevated hydrocarbon vapors were detected from that approximate depth using the PID. The soil samples were placed on ice and submitted to a California certified laboratory to be analyzed for the presence of TPPH; BTEX; MTBE; ethanol, TBA, TAME, DIPE, ETBE, EDB, and 1,2-DCA by EPA Method 8260B.

Boring logs are included in Appendix C.

3.10 Soil Boring Borehole Completion

Upon completion of groundwater sampling, each soil boring borehole was backfilled with neat cement grout. In accordance with SMCHD-GPP guidelines, the grout was mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, and was introduced into the borehole through a tremmie pipe to displace standing water in the hole. A cement cap was placed at the surface of soil borings SP-6 and SP-8 to match the existing grade. An asphalt cold patch cap was placed at the surface of soil borings SP-5 and SP-8.

3.11 Monitoring Well Development, Sampling, and Analysis

On January 9, 2007, SECOR personnel developed the newly installed monitoring wells MW-6 through MW-9. Approximately 10 casing volumes were purged from wells MW-6 and MW-8, approximately 12 casing volumes were purged from well MW-7, and approximately 34 casing volumes were purged from well MW-9. The last three successive measurements of temperature, conductivity, and pH of the purged groundwater varied by ≤10%, ≤3%, and ≤0.1, respectively.

On January 26, 2007, SECOR personnel purged and sampled groundwater monitoring wells MW-4 and MW-6 through MW-8, using low-flow protocol at a flow rate of less than 200 milliliter (mL) per minute using a bladder pump. Due to the small amount of groundwater in groundwater monitoring well MW-9, a peristaltic pump was used to purge and sample the water at a flow rate of less than 100 mL per minute. The pump intakes were placed at depths in the water column that were opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact. Criteria for this selection included the depth of the highest soil impact encountered during well installation, the as-built screen interval, and the recorded depth to water. The pump intake was placed at 15 and 17 feet deep in MW-4 and MW-6, respectively (depths of highest soil impact), at the top of the screened interval in wells MW-7 and MW-8 (because there was no detected soil impact and the screens were submerged), and at the only depth possible due to minimal water encountered in MW-9. The conductivity, temperature, and pH of the delivered effluent were monitored every three to five minutes using a flow-through cell during purging and recorded on the field data sheets. Purging ended once three successive measurements of pH, conductivity, and temperature of the purged water stabilized to within 0.1, 3%, and 10%, respectively.

Following monitoring well purging, groundwater samples from wells MW-4, MW-6, MW-7, and MW-8 were collected using a low-flow bladder pump, and the groundwater sample from well MW-9 was collected using a peristaltic pump. Each groundwater sample was discharged from the pump tubing, after disconnecting the tubing from the inlet of the flow-through cell, into 40-mL VOAs preserved with HCl. The VOAs were placed on ice, and submitted to a California certified laboratory to be analyzed for the presence of TPPH, BTEX, MTBE, and tetrachloroethene (PCE) by EPA Method 8260B.

Field data sheets illustrating onsite activities, including system or line volumes, actual purge volumes, purging equipment, and sampling equipment used, are included in Appendix D.

3.12 Groundwater Monitoring Well Destruction

On January 2 and 3, 2007, four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5) were destroyed. Due to the close proximity of underground electric lines, groundwater monitoring wells MW-1 and MW-3 were destroyed following SMCEHD guidelines for pressure grouting. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied into the well from the bottom up to displace standing groundwater in the well. A pressure fitting was attached to the top of the well casing and 25 pounds per square inch (psi) pressure was applied to the grout column inside the well casing for approximately 5 minutes. The well box and the upper foot of the well casing were removed prior to surface completion with concrete, dyed to match the existing grade. Groundwater that was displaced from the borehole during pressure grouting was contained and managed as site waste. Groundwater monitoring wells MW-2 and MW-5 were destroyed by over drilling, and were cleared to 5 feet bgs using an air lance and vacuum truck prior to mechanical drilling. From 5 feet bgs to the well terminus, the groundwater monitoring wells were drilled using 8-inch diameter HSA, and the well casing and annular materials were removed. The destroyed monitoring well boreholes were backfilled using neat grout cement (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement), tremmied from the bottom of the borehole to approximately 1 foot bgs. The boreholes were completed at the top using concrete dyed to match the existing grade.

SECOR's field procedures are included in Appendix B.

3.13 Monitoring Well Surveying

On January 16, 2007 SECOR observed Morrow Surveying, Inc. (Morrow) survey soil borings SP-5 through SP-8, newly installed monitoring wells MW-6 through MW-9, and soil vapor wells/probe VP-1 through VP-3 and SUBSLAB. The borings and wells were surveyed for geographical location to the NAD 83 (1986) Datum, and for elevation to the NAVD 88 Datum from geo-positioning satellite (GPS) observations. A copy of the Morrow survey map is included in Appendix E.

3.14 Groundwater Gradient Evaluation

On January 26, 2007, SECOR field staff collected depth to water measurements prior to the purging and sampling of groundwater monitoring wells MW-4 and MW-6 through MW-9. These depths to water were used to calculate groundwater elevations and evaluate the groundwater gradient. The groundwater gradient was evaluated to flow to the east at a magnitude of 0.003 foot per foot (Figure 5). This groundwater gradient is consistent with historical gradients that have been evaluated at the site (Table 3, Figure 3).

3.15 Soil Vapor Sample Collection and Analysis

On January 19, 2007, SECOR performed soil vapor sampling. Prior to sampling, SECOR field personnel verified that there had not been a significant precipitation event within the previous 5 days. It was determined that 0.14 inches of rain fell on January 16, 2007 and 0.02 inches of rain fell on January 18, 2007 by referencing www.wunderground.com. According to the

Department of Toxic Substances Control (DTSC) and California Regional Water Quality Control Board – Los Angeles Region (LARWQCB) Advisory dated January 28, 2003 "A. Wet Conditions: If no-flow or low-flow conditions are caused by wet soils, the soil gas sampling should cease. In addition, the Agency recommends that the soil gas sampling should not be conducted during or immediately after a significant rain even (e.g., ½ inch or greater) or onsite watering." Precipitation onsite was less than ½ inch in the past five days, so SECOR continued with the soil vapor sampling.

While performing a 15-minute leak test on the canisters and manifolds, one of the four manifolds would not hold a vacuum pressure. Field personnel decided to sample the three external soil vapor wells and return at a later date to sample the subslab vapor probe. SECOR returned to the site on January 26, 2007 to sample the subslab vapor probe. Soon after SECOR field personnel arrived on site it began to precipitate. The rate of precipitation was great enough to be considered a significant event, and soil vapor sampling was not performed. SECOR returned to the site on February 1, 2007 to perform additional sampling of soil vapor wells VP-1, VP-2, and VP-3, and to sample the subslab soil vapor probe. The Swagelok fitting on the subslab soil vapor probe was loose, indicating that a proper seal had not been created during the installation of the probe. Once the probe was reinstalled on February 2, 2007, SECOR field staff returned to the site on February 6, 2007 to sample the subslab probe.

During sampling events the summa canisters were received from the laboratory with the proper negative vacuum pressure of approximately -30.5 to -31 millimeters of Mercury (mmHg), a ½-hour flow regulator (airflow at 200 milliliters per minute) was used, the manifold system passed the 15 minute leak check, a purge was performed to remove approximately 5 liters (a 26.5 change in vacuum pressure) of sub-surface vapors from the soil vapor probes VP-1, VP-2, and VP-3, and isopropyl alcohol was applied to the Tygon tubing connections at intervals of approximately 5 minutes. The change in vacuum pressure to purge three systems volumes was calculated prior to arrival in the field, using a tubing inner diameter measurement of 0.25 inches, an assumed porosity of 30% airspace, and the tubing lengths and annulus measurements listed earlier in this report. The sampling interval on January 26, 2007 was between 31 minutes (VP-3) and 35 minutes (VP-2) and on February 1, 2007 was between 43 minutes (VP-1) and 46 minutes (VP-2). During the SUBSLAB sampling event, the summa canisters were received with a proper negative vacuum pressure of approximately -30.25 and -30.5 mmHg, a ½ hour flow regulator was used, the manifold system passed a 15 minute leak check, a purge was performed to remove 2 liters of sub-surface vapors from the probe, and isopropyl alcohol was applied to the Tygon tubing connections at intervals of approximately 5 minutes. The sampling interval was 14 minutes. A schematic of the Sub Slab soil vapor sampling apparatus is included as Figure 6. SECOR's field procedures, including purge calculations, are included in Appendix B. Copies of the field notes collected during sampling are included in Appendix D.

The soil vapor samples were sent under chain-of-custody documentation to AirToxics Ltd., a California-state certified laboratory in Folsom, California. The samples were analyzed for the presence of total gasoline range petroleum hydrocarbons by Environmental Protection Agency (EPA) Method TO-3; benzene, toluene, ethylbenzene, xylenes, MTBE, TBA, 1,2-DCA, ethyl tertiary butyl ether, tertiary amyl methyl ether, isopropyl ether, ethylene dibromide, ethanol, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and isopropyl alcohol (IPA, or 2-propanol) by EPA Method TO-14A; and the atmospheric gases oxygen (O_2), methane (CH_4), and carbon dioxide (CO_2) by ASTM D-1946. Laboratory reporting limits for the atmospheric gases were set at

reporting limits less than or equal to ambient concentrations, and were set at ≤100 micrograms per cubic meter (µg/m3) for IPA.

3.16 Investigation Derived Waste

Soil cuttings, decontamination rinsate, and purge water generated during the site assessment activities performed between December 14, 2006 and January 26, 2007 were stored in 19 Department of Transportation (DOT) approved 55-gallon capacity steel drums (13 containing soil and 6 containing waste water). These drums were staged onsite pending laboratory characterization as non-hazardous waste. Filter Recycling Services (FRS) of Colton, California transported the drums to their licensed facility in Rialto, California for disposal on February 14, 2007. The waste disposal documentation is included as Appendix F.

4.0 FINDINGS

4.1 Subsurface Conditions

Subsurface materials encountered at the site generally correlated well with those previously reported, as shown on the geologic cross sections, Plate 1, and boring logs, Appendix C. Silt with some silty sand and gravel intervals was encountered from the ground surface to depths of approximately 5 to 16 feet bgs. This silt was underlain by silty sand and gravel with minor silt interbeds to approximate depths of 15 to 25 feet bgs. Wells MW-4, MW-6, MW-7, MW-8, and MW-9 appear to be screened in this first water bearing zone ranging between the approximate depths of 10 and 25 feet bgs. Beneath this water-bearing zone, a silt aquitard varying in thickness from approximate 1.5 to 14 feet thick was encountered. This aquitard was relatively continuous, except in the area of wells MW-4 and MW-8, which may be within a channel deposit. The aquitard was underlain by a deeper water-bearing zone beginning at the approximate depths of 18 feet bgs in the site area and east of the site, and 32 feet bgs southeast of the site (SP-7). The bottom of this deeper water-bearing zone was not encountered.

When SECOR first mobilized to the site in December 2006 to drill the Geoprobe borings, water was not encountered in the shallow water-bearing zone, enabling grab sampling of the groundwater in the deeper water bearing zone. SECOR anticipated drilling wells into this deeper water-bearing zone during the second mobilization less than three weeks later; however, upon the second mobilization, groundwater was present in the shallower water-bearing zone.

4.2 Soil Analytical Results

A total of 34 soil samples were submitted for laboratory analysis from soil borings SP-5, SP-6, SP-7, SP-8, MW-6, MW-7, MW-8, and MW-9. Analytical results indicated the presence of up to 1,300 milligrams per kilogram (mg/kg) TPPH (MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg MTBE (MW-6@19.5-20). The remaining requested petroleum hydrocarbon constituents were not detected above the laboratory reporting limits.

Soil analytical results are summarized in Table 4 and included in Table 1. The laboratory reports with certified analytical results and chain-of-custody documentation are included in Appendix G.

4.3 Groundwater Analytical Results

Nine groundwater samples were submitted for laboratory analysis from soil borings SP-5, SP-6, SP-7, and SP-8, and monitoring wells MW-4, MW-6, MW-7, MW-8, and MW-9. Grab sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 1,500 µg/L ethylbenzene (SP-5), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from the wells contained petroleum hydrocarbons in MW-6 (67,000 µg/L TPPH, 380 µg/L benzene, 8,600 µg/L toluene, 3,600 µg/L ethylbenzene, 17,000 µg/L total xylenes, and 62 µg/L MTBE), and MW-9 (0.73 µg/L xylenes).

The remaining requested petroleum hydrocarbon constituents were not detected above the laboratory reporting limits.

Due to anomalous laboratory results during the third quarter 2006 groundwater sampling event in the TPPH range, SECOR requested that the groundwater samples be analyzed for the presence of PCE. Laboratory results indicated that analytical results within the TPPH range for four of the five site wells (MW-4, MW-7, MW-8, and MW-9) were due to the presence of PCE in the groundwater, and not the presence of petroleum hydrocarbons.

Groundwater analytical results are summarized in Table 5, and included on Table 2. The laboratory reports with certified analytical results and chain-of-custody documentation are included in Appendix G.

4.4 Soil Vapor Analytical Results

Laboratory analysis of the soil vapor samples collected from wells VP-1, VP-2, and VP-3 on January 19, 2007 indicated the presence of 0.75 µg/m^3 TPPH (VP-3), up to 16 µg/m^3 toluene (VP-1), 14 µg/m^3 ethylbenzene (VP-3), 42 µg/m^3 m,p-xylenes (VP-3), and 29 µg/m^3 o-xylenes (VP-3). The laboratory analysis additionally indicated that the samples were composed of 21-22% O_2 and 0.46-0.98% CO_2. The remaining requested compounds were not reported at concentrations greater than the laboratory reporting limits. IPA was not detected above the laboratory reporting limits in the soil vapor samples.

Laboratory analysis of the soil vapor samples collected from wells VP-1, VP-2, and VP-3 on February 1, 2007 indicated the presence of 0.27 µg/m^3 TPPH (VP-3), 5.4 µg/m^3 toluene (VP-1), 5.8 µg/m^3 ethylbenzene (VP-3), 7.8 µg/m^3 m,p-xylenes (VP-3), and 12 µg/m^3 o-xylenes (VP-3). The laboratory analysis additionally indicated that the samples were composed of 20-21% O_2 and 0.52-1.0% CO_2. The remaining requested compounds were not detected at concentrations greater than the laboratory reporting limits. IPA was detected at a concentration of 12 µg/m^3 in the vapor sample collected from well VP-3.

For comparison purposes, the environmental screening level (ESL), as established by the state of California Regional Water Quality control Board (CRWQCB), for TPPH in shallow soil gas is 26,000 µg/m^3. This ESL is for residential land use, which is stricter than the ESL for commercial/industrial land use. The residential ESL for TPPH in indoor air is 26 µg/m^3. The commercial ESLs for shallow soil gas and indoor air are 72,000 µg/m^3 and 36 µg/m^3, respectively (CRWQCB, 2005). The atmospheric gases O_2, CH_4, CO_2 exist in nature at approximately 20.95%, 0.00017%, and 0.0360%, respectively (Pidwirny, 2006).

Soil vapor analytical results are summarized in Table 6. The laboratory reports with certified analytical results and chain-of-custody documentation are included in Appendix G.

4.5 Geotracker Upload

Data associated with this assessment report has been uploaded to the California State Geotracker database. Confirmation of this electronic submittal is included in Appendix H.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Excavation has been performed at the eastern end of the tank pit and hydrocarbons in soil appear to be adequately delineated by borings MW-1, MW-7, MW-8, MW-9, SP-5, SP-6, and SP-7.

The groundwater gradient evaluated from the newly constructed wells discreetly screened in the shallow water-bearing zone is consistent with previous gradients. This is likely due to the seasonal presence of groundwater in the shallow water-bearing zone, and hydraulic connection between the two water bearing zones in the area of MW-4 and possibly MW-8.

The lateral extent of dissolved-phase hydrocarbons in shallow groundwater is delineated to the northwest, northeast, and southwest (upgradient and crossgradient) by wells MW-9, MW-8, and MW-7. SECOR recommends a downgradient well in the shallow water-bearing zone to delineate the lateral extent of dissolved-phase hydrocarbons in this zone.

The lateral extent of dissolved-phase hydrocarbons in deeper groundwater is delineated to the southwest (crossgradient) by SP-7. Concentrations of dissolved phase petroleum hydrocarbons in offsite soil borings SP-5 and SP-8 indicate that further downgradient delineation of the dissolved phase hydrocarbon plume in the deeper water-bearing zone is warranted. SECOR proposes to perform further offsite assessment to install downgradient wells along East Fifth Avenue and Delaware Street. Wells in the deeper water-bearing zone will also be necessary northwest and northeast of the site for gradient evaluation and delineation of hydrocarbons in this zone. SECOR recommends drilling these deeper zone wells during the summer or fall to avoid the necessity for conductor casing.

Due to previous detections of PCE in the groundwater, analysis for PCE and historical research of properties in the vicinity of the site to investigate a potential source of the solvent PCE should be performed.

The two separate soil vapor well sampling events showed good correlation between the analytical results. The gases (O_2, CH_4, and CO_2) did not show deviations between events, and were within an acceptable deviation of percentages found in the atmosphere. The maximum concentrations of toluene (16 µg/m^3), ethylbenzene (14 µg/m^3), and xylenes (42 µg/m^3) reported were less than or approximately 0.01 percent of the commercial land use shallow soil gas ESLs of 180,000 µg/m^3 toluene, 1,200,000 µg/m^3 ethylbenzene, and 410,000 µg/m^3 xylenes, and less than 0.1 percent of the residential land use ESLs of 63,000 µg/m^3 toluene, 420,000 µg/m^3 ethylbenzene, and 150,000 µg/m^3 xylenes (CRWQCB, 2005). Additionally, the maximum concentration of TPPH reported (0.75 µg/L, or 750 µg/m^3) was approximately 1 percent of the commercial land use shallow soil gas ESL of 72,000 µg/m^3 , and less than 3 percent of the residential land use shallow soil gas ESL of 26,000 µg/m^3. IPA was detected in the soil vapor sample from VP-3 during the second round of sampling. An overall decrease in the petroleum hydrocarbon compounds between sampling events in vapor well VP-3 could have been caused by a small leak in the sampling apparatus; however, the reported concentration of IPA (12 µg/m^3) was negligible, and the concentrations reported during the sampling event without evidence of a leak were below ESLs. The subslab soil vapor sample did not contain petroleum hydrocarbon compounds at concentrations greater than the laboratory limits. IPA was reported

in the subslab soil vapor sample, but the concentration does not indicate that large enough leak occurred to dilute the sample. None of the petroleum hydrocarbon compounds detected were at levels above the residential shallow soil gas ESLs. SECOR does not believe that vapor inhalation is an exposure pathway at the site due to the low concentrations of gaseous petroleum hydrocarbons at a depth of approximately 5 feet bgs, and that subsurface material between the surface and the depth of sampling (silt) most likely acts as a barrier to the migration of soil vapor.

6.0 LIMITATIONS

This report was prepared in accordance with the scope of work outlined in SECOR's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips Company and its representatives, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to SECOR. To the extent that this report is based on information provided to SECOR by third parties, SECOR may have made efforts to verify this third party information, but SECOR cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by SECOR.

7.0 REFERENCES CITED

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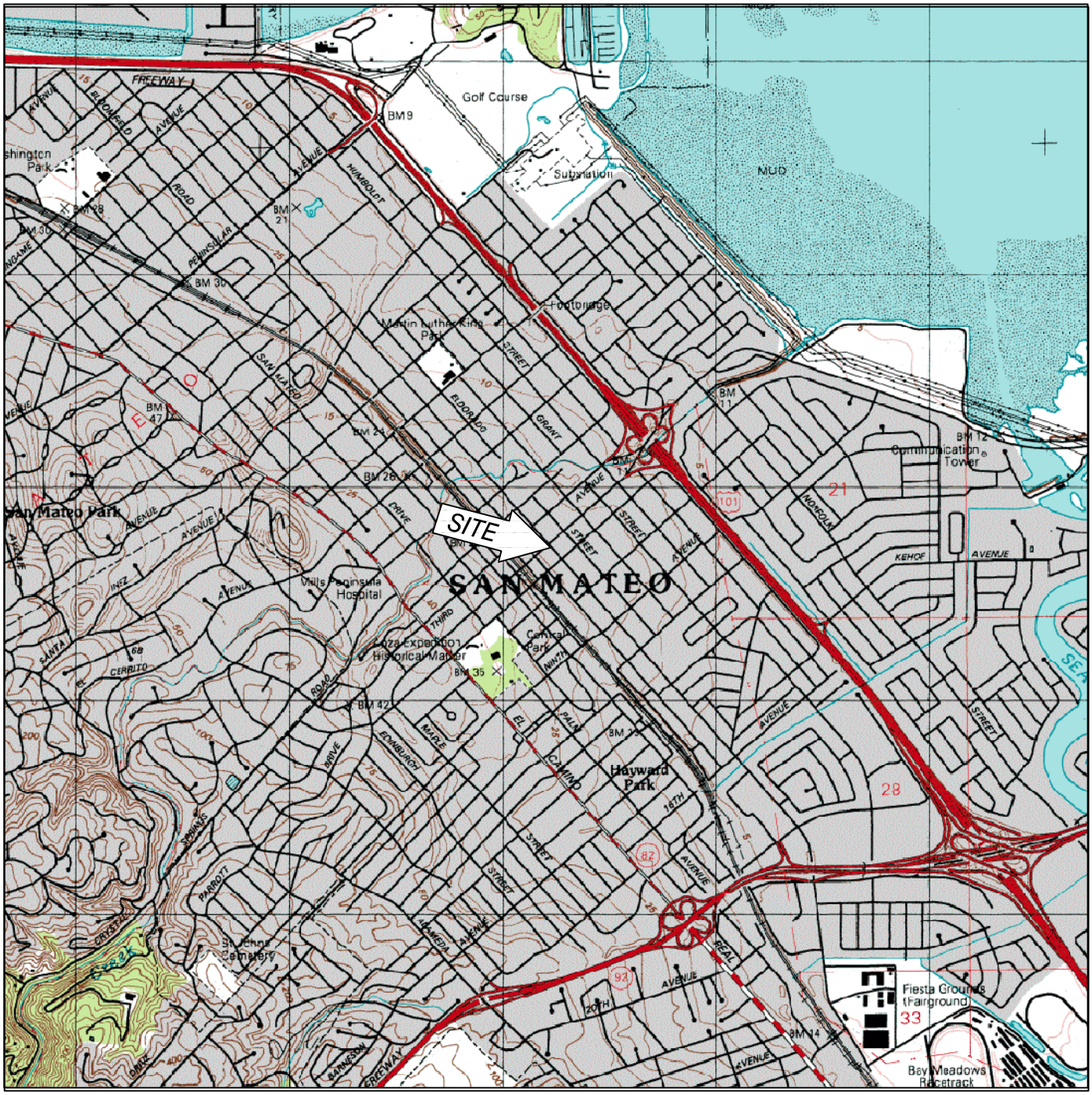
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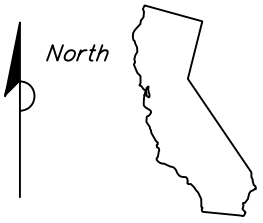
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FIGURES





1 1/2 0 1

SCALE (MILES)

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, SAN MATEO, CALIFORNIA

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76 STATION #6390

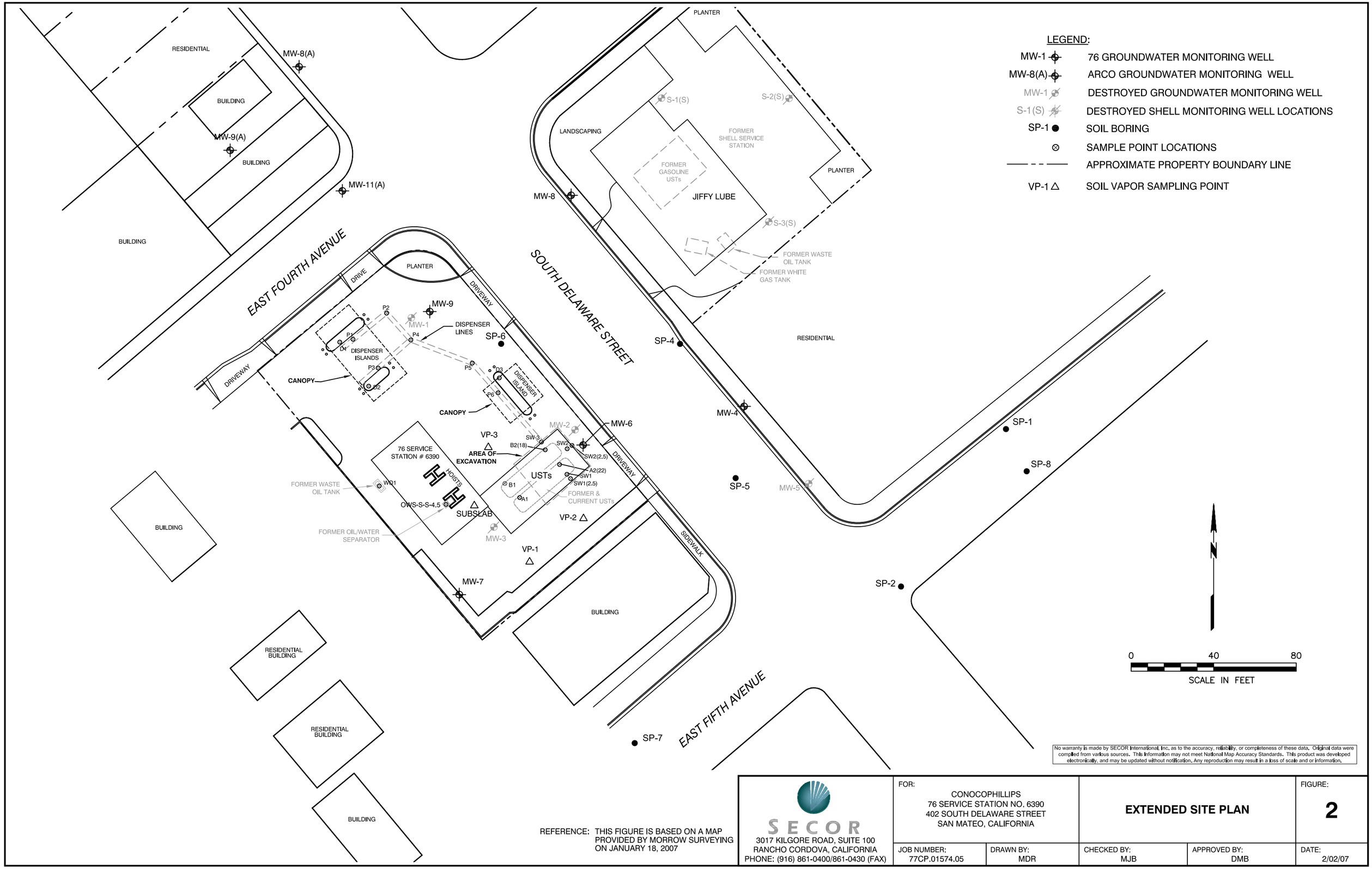
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

SITE LOCATION MAP

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.66390.04.0004	DWR	MJB	DMB	3/31/06

FILEPATH:Q:\CADD-77\ConocoPhillips\6390\6390-TOPO.dwg | Layout Tab: Layout1 | Drafter: mramirez | Feb 26, 2007 at 14:21



LEGEND:

MW-1 ⊕	76 GROUNDWATER MONITORING WELL
MW-8(A) ⊕	ARCO GROUNDWATER MONITORING WELL
MW-1 ⊗	DESTROYED GROUNDWATER MONITORING WELL
S-1(S) ⊗	DESTROYED SHELL MONITORING WELL LOCATIONS
SP-1 ●	SOIL BORING
⊗	SAMPLE POINT LOCATIONS
—— - - ——	APPROXIMATE PROPERTY BOUNDARY LINE
VP-1 △	SOIL VAPOR SAMPLING POINT

REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007

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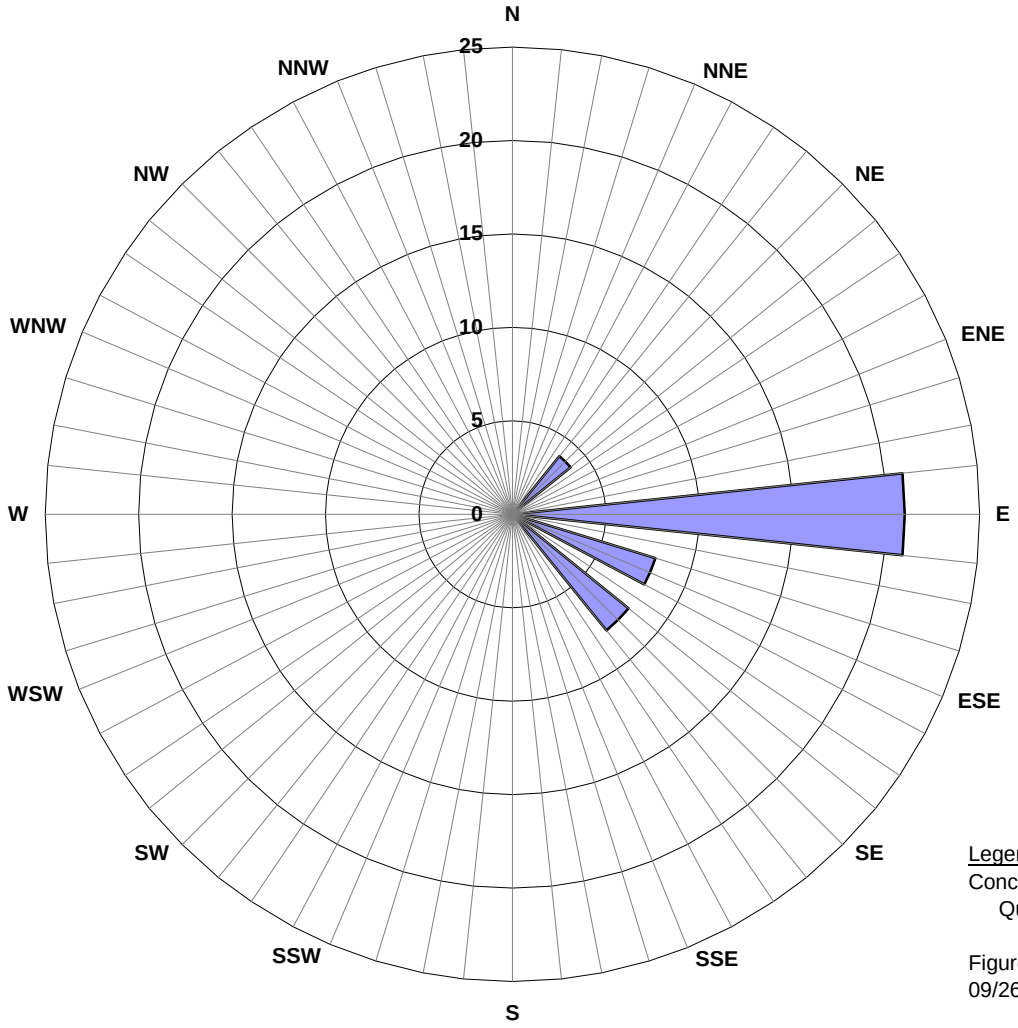
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SAN MATEO, CALIFORNIA

EXTENDED SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05	MDR	MJB	DMB	2/02/07

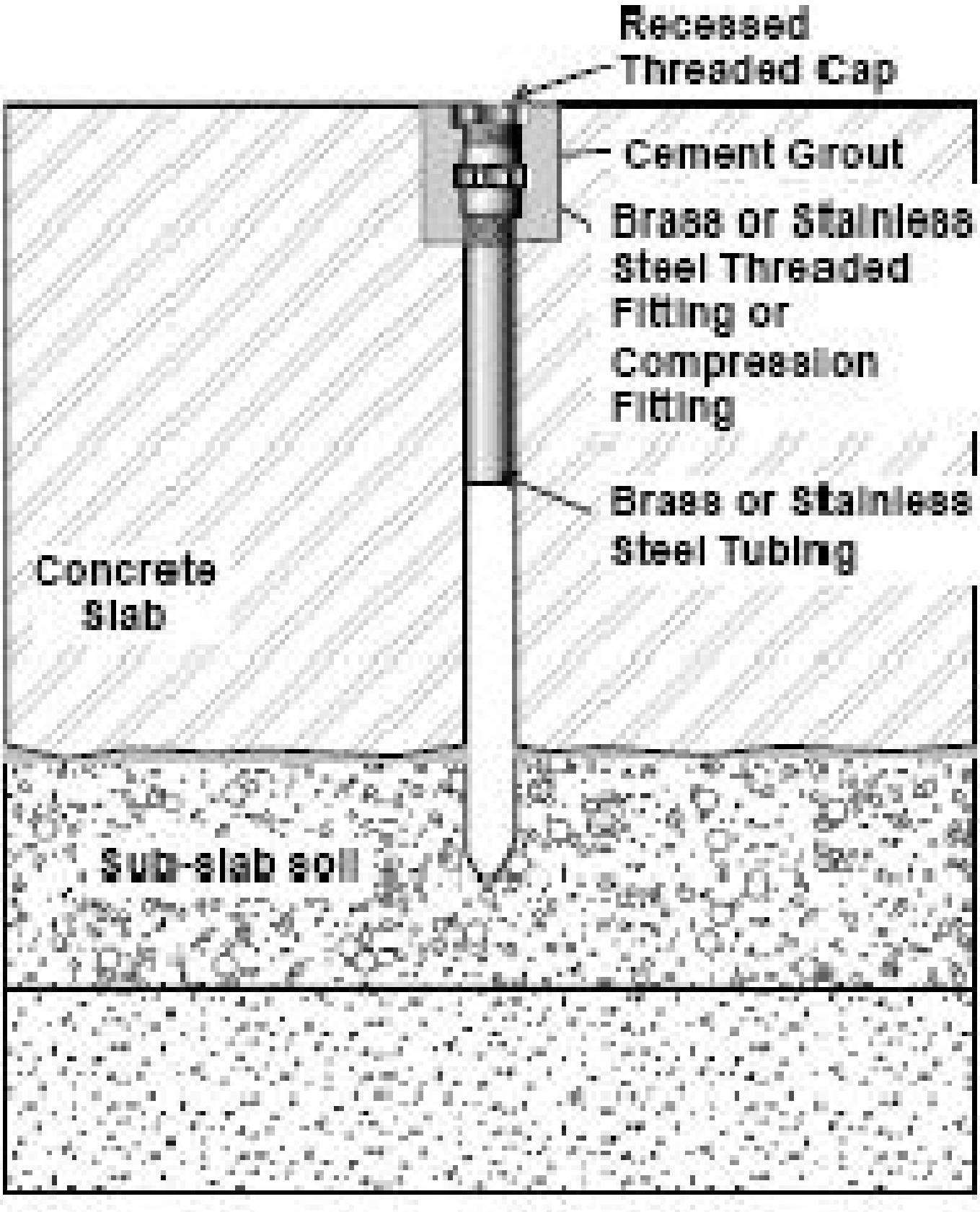
FIGURE 3
GROUNDWATER FLOW DIRECTION ROSE DIAGRAM
76 Service Station #6390
402 South Delaware Street
San Mateo, California



Legend
Concentric Circles represent
Quarterly Montoring Events

Figure represents data collected between
09/26/1994 and 1/26/2007

41 events shown



SOURCE: USEPA SUB-SLAB VAPOR PROBE INSTALLATION SOP

NOT TO SCALE

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SUB-SLAB VAPOR PROBE SCHEMATIC

FIGURE: **4**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05.1222	MDR	MJB	DMB	10/03/06

FILEPATH:Q:\CADD-77\ConocoPhillips\6390\CP 2913 PROBE SCH FIG5.dwg | Layout Tab: Layout1 | Drafter: mramirez | Feb 26, 2007 at 14:23

LEGEND:

MW-1 — GROUNDWATER MONITORING WELL

MW-1 — DESTROYED GROUNDWATER MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

GRADIENT — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)

0.0 — GROUNDWATER ELEVATION CONTOUR (FEET)

0.0 — GROUNDWATER ELEVATION (FEET)

BUILDING

EAST FOURTH AVENUE

DRIVE

PLANTER

DRIVEWAY

LANDSCAPING

FORMER SHELL SERVICE STATION

FORMER GASOLINE USTs

JIFFY LUBE

PLANTER

MW-8

SOUTH DELAWARE STREET

FORMER WASTE OIL TANK

FORMER WHITE GAS TANK

RESIDENTIAL

MW-9

MW-1

DISPENSER ISLANDS

CANOPY

DISPENSER LINES

DRIVEWAY

GRADIENT 0.003

DISPENSER ISLAND

CANOPY

MW-2

MW-6

MW-4

76 SERVICE STATION # 6390

HOISTS

USTs

FORMER & CURRENT USTs

DRIVEWAY

FORMER WASTE OIL TANK

FORMER OIL/WATER SEPARATOR

MW-3

MW-5

SIDEWALK

MW-7

BUILDING

RESIDENTIAL BUILDING

RESIDENTIAL BUILDING

4.5 4.4 4.3 4.2

N

0 30 60

SCALE IN FEET

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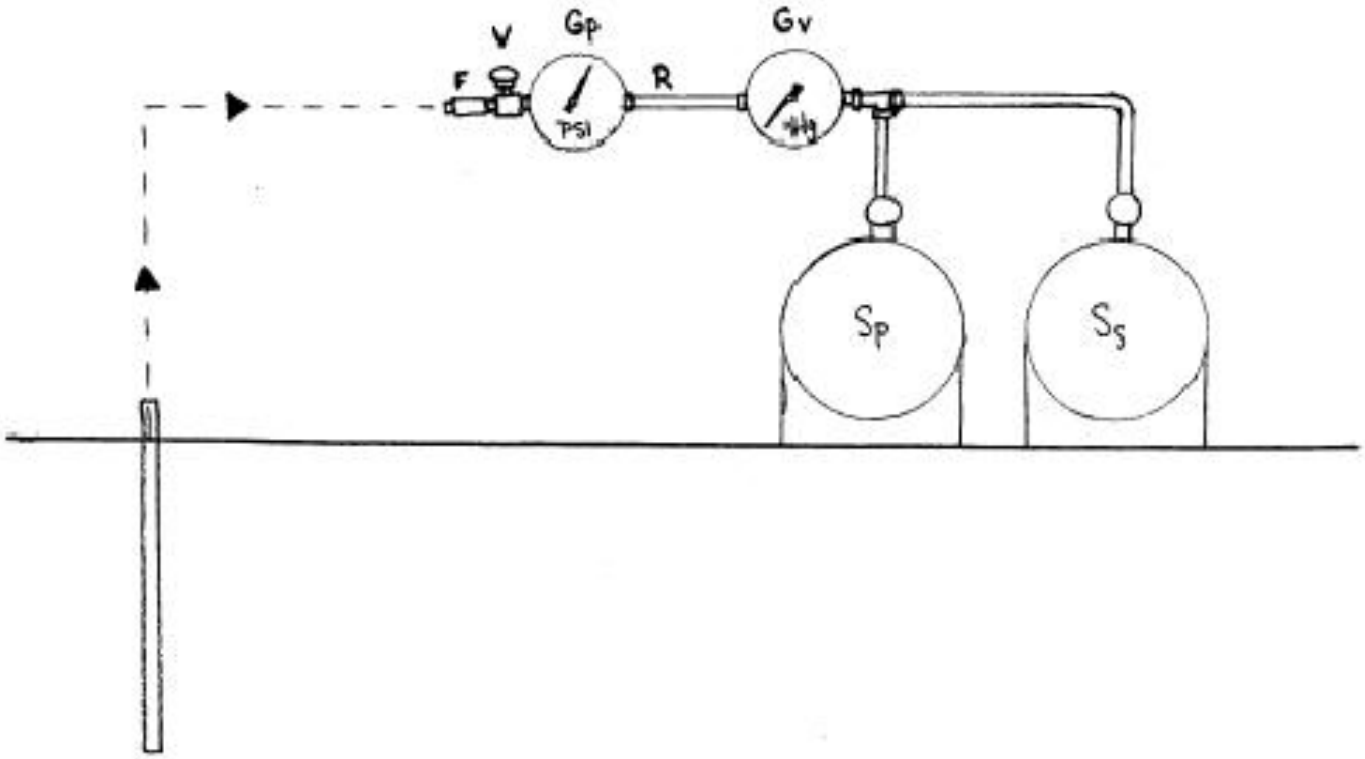
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 26, 2007

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05	MDR	MJB	DMB	2/02/07

F = Filter
V = Valve
Gp = Pressure Gauge
R = Flow Regulator
Gv = Vacuum Gauge
Sp = Purge Summa Canister
Ss = Sample Summa Canister



SOURCE: AIR TOXICS, SACRAMENTO, CALIFORNIA

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SOIL VAPOR SAMPLING SCHEMATIC

FIGURE: **6**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05.1222	DWR	MJB	DMB	10/03/06

FILEPATH:Q:\CADD-77\ConocoPhillips\6390\CP 2913 VAPOR SCH FIG4.dwg | Layout Tab: Layout1 | Drafter: mramirez | Feb 26, 2007 at 14:24

TABLES

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4]				Fuel Oxygenates [5]								Metals [6]				
						Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																						
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 **a**	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	**1.1**	**67**	**73**	**6.0**	**44**
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	**5.9 b**	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																						
SP-5																						
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-6																						
SB-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SB-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-6-20-20.5	20-20.5	12/15/2006	--	--	**68 e**	<0.050 **e**	<0.050 **e**	**1.6 e**	**3.3 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
SB-7																						
SB-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-20-20.5	20-20.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8																						
SB-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SB-8-19-19.5	19-19.5	12/15/2006	--	--	**49 e**	<0.050 **e**	<0.050 **e**	**2.1 e**	**7.4 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
Groundwater Monitoring Wells																						
MW-1																						
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																						
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-3																						
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4																						
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																						
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6			--	--														--	--	--	--	--
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** **e**	**0.18** **e**	**32** **e**	**20** **e**	**110** **e**	<0.12 **e**	<0.12 **e**	<0.12 **e**	<0.025 **e**	<25 **e**	<0.12 **e**	<0.025 **e**	<5.0 **e**	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** **e**	<0.25 **e**	**1.3** **e**	**10** **e**	**38** **e**	<0.25 **e**	<0.25 **e**	<0.25 **e**	<0.050 **e**	<50 **e**	<0.25 **e**	<0.050 **e**	<10 **e**	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** **e**	**0.089** **e**	**2.7** **e**	**10** **e**	**37** **e**	<0.025 **e**	<0.025 **e**	<0.025 **e**	<0.0050 **e**	<5.0 **e**	**0.089** **e**	<0.0050 **e**	<1.0 **e**	--	--	--	--	--
MW-7			--	--														--	--	--	--	--
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-8			--	--														--	--	--	--	--
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-9			--	--														--	--	--	--	--
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
Oil/Water Separator Removal																						
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPHd	Total petroleum hydrocarbons as diesel
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 6000/7000

a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 6.4 mg/kg. The additional HVOCs were reported as non-detect.
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL was raised due to sample dilution.

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	
UST Replacement Water Sample																								
W1		--	8/25/1992	21	--	--	--	--	28,000 **a**	50,000	1,200	6,700	1,400	10,000	--	--	--	--	--	--	--	--	--	<0.050
Monitoring Wells																								
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.8	-2.93	-2.38	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.9	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	--	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--
			01/24/95	10	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.5	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.2	5.67	2.30	0	No	--	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.7	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.7	-1.83	-1.53	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--
			11/18/96	17.01	-2.14	-0.40	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/20/97	8.96	5.91	8.05	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			05/27/97	15.37	-0.50	-6.41	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			08/26/97	17.01	-2.14	-1.64	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			11/25/97	16.5	-1.63	0.51	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/13/98	6.07	8.80	10.43	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			05/21/98	11.76	3.11	-5.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/17/98	15.15	-0.28	-3.39	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/19/98	16.13	-1.26	-0.98	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/15/99	10.94	3.93	5.19	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			05/13/99	12.7	2.17	-1.76	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/10/99	15.39	-0.52	-2.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/09/99	16.28	-1.41	-0.89	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/14/00	10.38	4.49	5.90	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			05/18/00	13.62	1.25	-3.24	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			08/09/00	16.43	-1.56	-2.81	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/08/00	16.2	-1.33	0.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/14/01	13.34	1.53	2.86	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/15/01	16.63	-1.76	-3.29	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/13/02	12.46	2.41	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			08/26/02	16.26	-1.39	-3.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			02/18/03	12.09	2.78	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.0	--	--	--	--
			08/21/03	15.25	-0.38	-3.16	0	No	--	63	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<2.0	--	--	--	--
			03/30/04	12.05	2.82	3.20	0	No	--	81	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
			08/18/04	16.04	-1.17	-3.99	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
		19.46 †	03/10/05	9.66	9.80	--	0	No	--	84 **k**	1.70	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	-11.94	-16.33	0	No	--	94	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--
			08/02/06	15.08	-15.08	-3.14	0	No	--	69 **l,m**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																					
MW-2	10 - 30	14.5 ♦	06/15/94	15.33	-0.83	--	0	No	--	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	--	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	--	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	--	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	--	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.54	-2.04	-1.46	0	No	--	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.8	-3.30	-1.26	0	No	--	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	
MW-2 (Cont.)			03/08/96	7.74	6.76	10.06	0	No	--	10,000	2,400	2,000	530	2,900	--	--	--	--	--	3,500	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	--	120,000	10,000	39,000	3,100	19,000	--	--	--	--	--	9,900	--	--	--	--
			08/27/96	16.5	-2.00	-3.27	0	No	--	340,000	1,000	42,000	3,800	22,000	--	--	--	--	--	5,300	--	--	--	--
			11/18/96	16.9	-2.40	-0.40	0	No	--	32,000	2,500	7,200	760	4,000	--	--	--	--	--	4,400	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	--	<250	76	3.1	<2.5	13	--	--	--	--	--	1,200	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	--	39,000	3,700	11,000	1,200	6,700	--	--	--	--	--	4,200	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	--	69,000	7,200	20,000	2,900	17,000	--	--	--	--	--	4,500	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	--	110,000	5,800	21,000	3,400	20,000	--	--	--	--	--	3,400	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	--	10,000	850	510	170	2,000	--	--	--	--	--	630	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	--	38,000	3,300	6,700	1,200	5,800	--	--	--	--	--	2,200	--	--	--	--
			08/17/98	15.2	-0.70	-3.42	0	No	--	79,000 **f**	6,100	12,000	3,000	17,000	--	--	--	--	--	3,700	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	--	430	27	20	23	120	--	--	--	--	--	17	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	--	7,600	900	170	340	1,500	--	--	--	--	--	800	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	--	53,000	4,100	7,900	2,200	12,000	--	--	--	--	--	1,800	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	--	59,000	3,300	5,300	2,600	17,000	--	--	--	--	--	1,700	--	--	--	--
			11/09/99	16.2	-1.70	-0.85	0	No	--	29,900	2,070	1,530	1,610	5,820	--	--	--	--	--	1,300	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	--	6,460	716	140	478	942	--	--	--	--	--	636	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	--	27,400	1,830	3,400	1,500	6,160	--	--	--	--	--	1,230 **i**	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	--	36,900	2,400	450	2,060	9,510	--	--	--	--	--	1,220	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	--	50,300	3,110	2,960	2,550	12,000	--	--	--	--	--	872	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	--	8,090	700	55.90	630	597	--	--	--	--	--	841	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	--	13,000	1,500	910	1,300	1,300	--	--	--	--	--	910	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	--	23,000	1,600	2,400	1,500	4,200	--	--	--	--	--	640	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	--	32,000	1,600	900	2,100	6,300	--	--	--	--	--	<250	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	--	600	93	13	3.4	46	--	--	--	--	--	98	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	--	25,000	1,300	330	1,400	5,400	--	--	--	--	--	460	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	--	9,800	790	800	1,000	1,900	--	--	--	--	--	400	--	--	--	--
			08/18/04	16	-1.50	-4.82	0	No	--	14,000	1,100	150	2,000	2,000	--	--	--	--	--	600	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	--	160	16	14	9.7	14	--	--	--	--	--	34	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	0	No	--	3,400	370	23	750	220	--	--	--	--	--	220	--	--	--	--
			03/02/06	11.89	-11.89	-15.97	0	No	--	4,100	240	85	160	420	--	--	--	--	--	140	--	--	--	--
			08/02/06	14.99	-14.99	-3.10	0	No	--	5,800 **n**	380 **n**	12 **n**	840 **n**	370 **n**	--	--	--	--	--	130 **n**	--	--	--	--
			MONITORING WELL DESTROYED ON 01/03/2007																					
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	--	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	--	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--
			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	--	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	--	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.9	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	--	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	17.95	-1.88	-1.50	0	No	--	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	19.25	-3.18	-1.30	0	No	--	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	--	3,200	1,300	99	68	240	--	--	--	--	--	1,700	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	--	1,300	350	120	42	120	--	--	--	--	--	1,300	--	--	--	--
			08/27/96	17.9	-1.83	-3.32	0	No	--	14,000	650	210	82	250	--	--	--	--	--	1,200	--	--	--	--
			11/18/96	18.19	-2.12	-0.29	0	No	--	1,700	440	90	21	150	--	--	--	--	--	1,600	--	--	--	--
			02/20/97	9.42	6.65	8.77	0	No	--	<50	1.3	<0.50	<0.50	<0.50	--	--	--	--	--	200	--	--	--	--
			05/27/97	16.67	-0.60	-7.25	0	No	--	12,000	1,700	1,000	520	2,900	--	--	--	--	--	2,400	--	--	--	--
			08/26/97	18.32	-2.25	-1.65	0	No	--	6,400	1,800	100	430	1,300	--	--	--	--	--	2,400	--	--	--	--
			11/25/97	17.4	-1.33	0.92	0	No	--	7,800	2,000	190	420	750	--	--	--	--	--	2,700	--	--	--	--
			02/13/98	6.55	9.52	10.85	0	No	--	3,900	1,000	<25	180	150	--	--	--	--	--	1,700	--	--	--	--
			05/21/98	13.11	2.96	-6.56	0	No	--	320	180	<2.0	<2.0	3.5	--	--	--	--	--	490	--	--	--	--
			08/17/98	16.51	-0.44	-3.40	0	No	--	115 **e**	25	0.99	7.3	10	--	--	--	--	--	18	--	--	--	--
			11/19/98	17.47	-1.40	-0.96	0	No	--	4,600	1,500	<12	430	190	--	--	--	--	--	1,800	--	--	--	--
			02/15/99	12.35	3.72	5.12	0	No	--	2,400	910	6.5	200	110	--	--	--	--	--	1,200	--	--	--	--
			05/13/99	13.96	2.11	-1.61	0	No	--	1,900	640	<5.0	48	77	--	--	--	--	--	1,100	--	--	--	--
			08/10/99	16.08	-0.01	-2.12	0	No	--	14,000	2,600	<50	680	2,000	--	--	--	--	--	2,000	--	--	--	--
			11/09/99	17.6	-1.53	-1.52	0	No	--	5,060	1,330	<20	292	282	--	--	--	--	--	1,440	--	--	--	--
			02/14/00	11.64	4.43	5.96	0	No	--	4,400	1,140	64.2	346	338	--	--	--	--	--	946	--	--	--	--
			05/18/00	14.89	1.18	-3.25	0	No	--	2,770	884	<10	140	109	--	--	--	--	--	735	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	
MW-3 (Cont.)			08/09/00	17.71	-1.64	-2.82	0	No	--	23,600	2,790	2,470	1,470	4,230	--	--	--	--	--	1,130	--	--	--	--
			11/08/00	17.51	-1.44	0.20	0	No	--	62,100	3,480	16,000	2,120	9,460	--	--	--	--	--	540	--	--	--	--
			02/14/01	14.58	1.49	2.93	0	No	--	32,800	2,540	2,660	2,460	7,740	--	--	--	--	--	320	--	--	--	--
			08/15/01	17.95	-1.88	-3.37	0	No	--	7,700	1,000	<20	830	1,500	--	--	--	--	--	660	--	--	--	--
			02/13/02	13.72	2.35	4.23	0	No	--	2,300	340	20	170	200	--	--	--	--	--	110	--	--	--	--
			08/26/02	17.61	-1.54	-3.89	0	No	--	5,900	960	<25	800	1,000	--	--	--	--	<5000	330	--	--	--	--
			02/18/03	13.32	2.75	4.29	0	No	--	770	160	37	9.7	70	--	--	--	--	--	46	--	--	--	--
			08/21/03	16.7	-0.63	-3.38	0	No	--	18,000	1,100	260	1,100	4,000	--	--	--	--	--	370	--	--	--	--
			03/30/04	13.35	2.72	3.35	0	No	--	720	140	<1.0	6.0	14	--	--	--	--	--	47	--	--	--	--
			08/18/04	17.43	-1.36	-4.08	0	No	--	3,500	740	<2.5	25	15	--	--	--	--	--	150	--	--	--	--
		20.69 †	03/10/05	10.89	9.80	--	0	No	--	130	43	1.0	1.0	6.2	--	--	--	--	--	19	--	--	--	--
			08/11/05	16.44	4.25	-5.55	0	No	--	1,900	260	6.1	12	26	--	--	--	--	--	140	--	--	--	--
			03/01/06	13.29	-13.29	-17.54	0	No	--	2,100	330	3.6	14	58	--	--	--	--	--	120	--	--	--	--
			08/02/06	16.37	-16.37	-3.08	0	No	--	2,100	230 **n**	11	44	240	--	--	--	--	--	85	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																					
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	--	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	--	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.51	-2.13	-1.36	0	No	--	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.82	-3.44	-1.31	0	No	--	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	--	44,000	3,400	11,000	1,300	7,200	--	--	--	--	--	1,700	--	--	--	--
			05/29/96	13.3	1.08	-5.42	0	No	--	100,000	5,100	28,000	3,200	19,000	--	--	--	--	--	4,000	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	--	41,000	2,200	3,300	780	4,000	--	--	--	--	--	500	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	--	29,000	2,300	4,000	1,100	5,600	--	--	--	--	--	3,000	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	--	<250	65	3.70	<2.5	15	--	--	--	--	--	1,100	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	--	5,500	690	460	200	1,600	--	--	--	--	--	290	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	--	21,000	1,600	3,000	1,000	5,400	--	--	--	--	--	530	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	--	24,000	1,000	2,300	840	4,800	--	--	--	--	--	250	--	--	--	--
			02/13/98	5.8	8.58	10.07	0	No	--	62 **e**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--
			05/21/98	11.86	2.52	-6.06	0	No	--	86	0.86	<0.50	<0.50	<0.50	--	--	--	--	--	8.4	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	--	120	3.1	6.5	<0.50	18	--	--	--	--	--	6.4	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	--	230	7.8	42	5.5	43	--	--	--	--	--	<2.5	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	--	68 **e**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.0	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	--	1,320	38	211	50	228	--	--	--	--	--	<25	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	--	51.3	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.86	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	--	534	8.75	62	26.3	131	--	--	--	--	--	2.56	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	--	2,190	34	347	70.6	536	--	--	--	--	--	<12.5	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	--	287	5.37	13.4	9.52	32.9	--	--	--	--	--	16.9	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	--	490	4.2	48	20	140	--	--	--	--	--	2.7	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	--	58 **e**	2.30	<0.50	<0.50	1.60	--	--	--	--	--	21	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	--	180	1.50	15	1.10	55	--	--	--	--	--	<2.5	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	--	550	58	3.50	<0.50	110	--	--	--	--	--	33	--	--	--	--
			08/21/03	15.3	-0.92	-3.18	0	No	--	120	<0.50	<0.50	<0.50	1.20	--	--	--	--	--	<2.0	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	--	220	0.91	<0.50	1.50	1.30	--	--	--	--	--	24	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	--	81	<0.50	<0.50	0.60	2.80	--	--	--	--	--	<0.50	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	--	8,600	290	360	560	1,800	--	--	--	--	--	41	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	--	140	3.9	6.1	2.2	7.7	--	--	--	--	--	0.23	--	--	--	--
			03/01/06	11.91	-11.91	-15.82	0	No	--	2,800	70	37	200	370	--	--	--	--	--	43	--	--	--	--
			08/02/06	15.08	-15.08	-3.17	0	No	--	170 **l,m**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	0.84	--	--	--	--
		19.02	01/26/07	14.91	4.11	--	0	No	--	<50 **o**	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**83**	--
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	--	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.8	0.45	-1.11	0	No	--	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.1	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.51	-2.26	-1.41	0	No	--	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.77	-3.52	-1.26	0	No	--	200 **d**	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	--	310	93	0.95	0.62	4.10	--	--	--	--	--	2,100	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	--	180	9.70	12	1.70	8.10	--	--	--	--	--	730	--	--	--	--
			08/27/96	16.5	-2.25	-3.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	69	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	--	91	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	26	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	--	<50	2.30	<0.50	<0.50	0.87	--	--	--	--	--	280	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates 1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	Organic [6] Lead (mg/L)
MW-5 (Cont.)			05/27/97	15.23	-0.98	-6.45	0	No	--	91	<0.50	<0.50	<0.50	0.62	--	--	--	--	--	20	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	--	81	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	--	110	1.40	1.10	0.55	3.10	--	--	--	--	--	9	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	--	100 e	0.53	<0.50	<0.50	<0.50	--	--	--	--	--	22	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	--	120	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	73	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	--	110	110	<0.50	<0.50	<0.50	--	--	--	--	--	11	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	--	100 g	1.20	<0.50	0.50	0.88	--	--	--	--	--	13	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	--	110 e	<0.50	<0.50	<0.50	8.80	--	--	--	--	--	8.80	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	--	98	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	7.10	--	--	--	--
			08/10/99	15.4	-1.15	-2.73	0	No	--	120 f	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	--	120 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	--	133 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	13.30	--	--	--	--
			05/18/00	13.55	0.70	-3.48	0	No	--	114 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	24.10	--	--	--	--
			08/09/00	16.5	-2.25	-2.95	0	No	--	180 j	0.53	2.09	<0.50	2.19	--	--	--	--	--	7.76	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	--	131	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	2.86	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	--	175 e	<0.50	0.54	<0.50	0.69	--	--	--	--	--	13.40	--	--	--	--
			08/15/01	16.55	-2.30	-3.48	0	No	--	390	3.40	38	16	110	--	--	--	--	--	<2.5	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	--	100 e	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	10	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	--	310	7.20	33	4.60	76	--	--	--	--	--	<2.5	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	--	400	64	<1.0	<1.0	6.40	--	--	--	--	--	210	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	--	310	3.30	4.30	1.10	14.00	--	--	--	--	--	2.10	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	--	360	13	<0.50	<0.50	<1.0	--	--	--	--	--	73	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	--	50,000	740	830	2,200	20,000	--	--	--	--	--	120	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	--	530	7.80	<1.0	<1.0	2.40	--	--	--	--	--	320	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	--	350	12	6.3	2.5	32	--	--	--	--	--	3.2	--	--	--	--
			03/01/06	11.82	-11.82	-15.64	0	No	--	460	2.8	<0.50	<0.50	<1.0	--	--	--	--	--	43	--	--	--	--
			08/02/06	15.04	-15.04	-3.22	0	No	--	370 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.4	--	--	--	--
			MONITORING WELL DESTROYED ON 01/04/2007																					
MW-6	13 - 19	19.07 ‡	01/26/07	14.79	4.28	--	0	No	--	**67,000 n**	**380 n**	**8,600 n**	**3,600 n**	**17,000 n**	--	--	--	--	--	**62**	--	--	<0.50	--
MW-7	22 - 25	21.74 ‡	01/26/07	17.17	4.57	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**100 n**	--
MW-8	17 - 30	18.42 ‡	01/26/07	14.09	4.33	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**26**	--
MW-9	11.5 - 15	19.42 ‡	01/26/07	14.90	4.52	--	0	No	--	<50 o	<0.50	<0.50	<0.50	**0.73**	--	--	--	--	--	<0.50	--	--	**10**	--
Soil Borings																								
SP-1	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
SP-2	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
SP-3	--	--	02/14/96	10.5	--	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	0	--	--	**21,000 n**	**1,300 n**	**1,500 n**	**1,400 n**	**4,000 n**	<10 n	<10 n	<10 n	<10 n	<5000 n	**330 n**	<10 n	<200 n	-- n	--
SP-6	--	--	12/15/06	15	--	--	0	--	--	**38,000 n**	<10 n	<10 n	**570 n**	**660 n**	<10 n	<10 n	<10 n	<10 n	<5000 n	<10 n	<10 n	<200 n	-- n	--
SP-7	--	--	12/15/06	32	--	--	0	--	--	<50 q	<0.50	<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**90**	--
SP-8	--	--	12/15/06	15.2	--	--	0	--	--	**51,000 n**	**110 n**	**100 n**	**3,000 n**	**9,600 n**	<10 n	<10 n	<10 n	<10 n	<5000 n,p	<10 n	<10 n	<200 n	-- n	--

Notes:

<	Denotes less than laboratory PQL	1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	PCE	Tetrachloroethene	TBA	Tertiary butyl alcohol
--	Not analyzed/applicable/measured	DIPE	Di-isopropyl ether	GW	Groundwater	PQL	Practical Quantitaion Limit	TOC	Top of casing
mg/L	Milligrams per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	EPA	U.S. Environmental Protection Agency	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether	TPHd	Total petroleum hydrocarbons as diesel

♦ The elevations have been surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
† The TOC elevations were re-surveyed by Morrow Surveying to the NAVD 88 Datum by GPS observations on 8/13/2005.
‡ The TOC elevations were surveyed by Morrow Surveying to the NAVD 88 Datum by GPS Observations on 1/18/2007.

1 Analyzed by EPA Method 3510/3520/8015.
2 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
3 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4 Analyzed by EPA Method 8260B.
5 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
6 Analyzed by California LUFT Manual, 12/87.

a Chromatograph pattern: diesel and non-diesel mixture (<C16; >C22).
b The presence of MTBE was potentially identified at reportable levels.
c The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
d The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
e Chromatograph pattern: unidentified hydrocarbons C6-C12

TABLE 2
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates									Organic [6]
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	Lead (mg/L)

f Chromatograph pattern: weathered gasoline: C6-C12
g Chromatograph pattern: discrete peaks C8-C12
h Chromatograph pattern: discrete peaks
i Sample was additionaly run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
j Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
k The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
l Chromatogram not typical of gasoline.
m TPPH was positive due to tetrachloroethane present in the sample.
n PQL was raised due to sample dilution.
o Tetrachloroethene was subtracted from the gasoline range TPH.
p The Continuing Calibration Verification (CCV) recovery was not within established control limits.
q The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.

Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and the present.

TABLE 3
HISTORICAL GROUNDWATER GRADIENT DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Monitoring Date	Groundwater Gradient (feet/feet)		Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
09/26/94	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/20/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12/12/94	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/24/95	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
04/07/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
05/31/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
06/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/25/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09/08/95	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12/08/95	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/08/96	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
05/29/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/27/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/96	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/20/97	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/27/97	0.03		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/26/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/25/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/98	0.01	♦	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/21/98	0.004 - 0.02		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/17/98	0.003	♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/19/98	0.004 - 0.03		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/15/99	0.002 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/13/99	0.004 - 0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/10/99	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/09/99	0.002 - 0.003	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/00	0.001 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/18/00	0.007 - 0.02	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/09/00	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/08/00	0.004 - 0.05	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/01	0.005 - 0.01	♦♦♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/15/01	0.004 - 0.02	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/02	0.005 - 0.03	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
08/26/02	♦♦♦♦																	
02/18/03	0.005 - 0.03	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
08/21/03	0.004 - 0.02	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
03/30/04	0.003	♦♦																
08/18/04	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/10/05	0.003		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/11/05	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/01/06	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/02/06	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/26/07	**0.003**		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		Sum																
Average =	0.006		0	0	4	0	21	8	8	0	0	0	0	0	0	0	0	0

Notes:

♦ Wells from Arco Station #0515 at 300 Delaware used in creating groundwater contours.

♦♦ Groundwater flow direction was variable.

♦♦♦ Wells from Arco Station #0515, at 300 Delaware Street, and Tosco Station #4178, at 615 Third Avenue, used in creating groundwater contours.

♦♦♦♦ Gradient and flow direction data missing from file copy of report.

TABLE 4
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
Soil Borings															
SP-5															
SP-5-9.5-10	9.5-10	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
SP-5-14.5-15	14.5-15	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-5-19.5-20	19.5-20	12/15/2006	**7.0 b**	**0.017**	**0.34 b**	**0.091 b**	**0.57 b**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-6															
SB-6-7-7.5	7-7.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
SB-6-11.5-12	11.5-12	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-6-15.5-16	15.5-16	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-6-20-20.5	20-20.5	12/15/2006	**68 b**	<0.050 **b**	<0.050 **b**	**1.6 b**	**3.3 b**	<0.050 **b**	<0.050 **b**	<0.050 **b**	<0.010 **b**	<10 **b**	<0.050 **b**	<0.010 **b**	<2.0 **a,b**
SB-7															
SB-7-11.5-12	11.5-12	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-15.5-16	15.5-16	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-20-20.5	20-20.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-23.5-24	23.5-24	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-27.5-28	27.5-28	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-7-31-31.5	31-31.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8															
SB-8-7-7.5	7-7.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8-11-11.5	11-11.5	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8-15.5-16	15.5-16	12/15/2006	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **a**
SB-8-19-19.5	19-19.5	12/15/2006	**49 b**	<0.050 **b**	<0.050 **b**	**2.1 b**	**7.4 b**	<0.050 **b**	<0.050 **b**	<0.050 **b**	<0.010 **b**	<10 **b**	<0.050 **b**	<0.010 **b**	<2.0 **a,b**
Monitoring Wells															
MW-6															
MW6@6-6.5'	6-6.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW6@11-11.5'	11-11.5	1/3/2007	**550 b**	**0.18 b**	**32 b**	**20 b**	**110 b**	<0.12 **b**	<0.12 **b**	<0.12 **b**	<0.025 **b**	<25 **b**	<0.12 **b**	<0.025 **b**	<5.0 **b**
MW6@16.5-17'	16.5-17	1/3/2007	**1,300 b**	<0.25 **b**	**1.3 b**	**10 b**	**38 b**	<0.25 **b**	<0.25 **b**	<0.25 **b**	<0.050 **b**	<50 **b**	<0.25 **b**	<0.050 **b**	<10 **b**
MW6@19.5-20'	19.5-20	1/3/2007	**310 b**	**0.089 b**	**2.7 b**	**10 b**	**37 b**	<0.025 **b**	<0.025 **b**	<0.025 **b**	<0.0050 **b**	<5.0 **b**	**0.089 b**	<0.0050 **b**	<1.0 **b**
MW-7															
MW7@6-6.5'	6-6.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@11-11.5'	11-11.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@16.5-17'	16.5-17	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@18-18.5'	18-18.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@21.5-22'	21.5-22	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW7@26-26.5'	26.26.5	1/2/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20

TABLE 4
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
MW-8															
MW8@6-6.5'	6-6.5	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW8@11-11.5'	11-11.5	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW8@13-13.5'	13-13.5	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW8@17.5-18'	17.5-18	1/4/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW-9															
MW9@6-6.5'	6-6.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW9@11-11.5'	11-11.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20
MW9@16-16.5'	16-16.5	1/3/2007	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	ETBE	Ethyl tertiary butyl ether	TAME	Tert-amyl methyl ether
bgs	below ground surface	EDB	Ethylene dibromide	MTBE	Methyl tertiary butyl ether	TBA	Tertiary butyl alcohol
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	PQL	Practical Quantitaion Limit	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane						

1 Analyzed by EPA Method 8260.

a The Continuing Calibration Verification (CCV) recovery was not within established control limits.
b The PQL was raised due to sample dilution.

TABLE 5
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC [1] Elevation (feet)	Date Sampled	Depth to GW [2] (feet)	GWE (feet)	SPH Thickness (feet)	Sheen	TPPH [3] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates [3] 1,2-DCA (µg/L)	DIPE (µg/L)	EDB (µg/L)	ETBE (µg/L)	Ethanol (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	PCE (µg/L)
Soil Borings																					
SP-5	--	--	12/15/2006	15.6	--	0	--	**21,000 a**	**1,300 a**	**1,500 a**	**1,400 a**	**4,000 a**	<10 a	<10 a	<10 a	<10 a	<5000 a	**330 a**	<10 a	<200 a	-- a
SP-6	--	--	12/15/2006	15	--	0	--	**38,000 a**	<10 a	<10 a	**570 a**	**660 a**	<10 a	<10 a	<10 a	<10 a	<5000 a	<10 a	<10 a	<200 a	-- a
SP-7	--	--	12/15/2006	32.0	--	0	--	<50 d	<0.50	<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**90**
SP-8	--	--	12/15/2006	15.2	--	0	--	**51,000 a**	**110 a**	**100 a**	**3,000 a**	**9,600 a**	<10 a	<10 a	<10 a	<10 a	<5000 a,c	<10 a	<10 a	<200 a	-- a
QCTB	--	--	12/15/2006	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	<0.50
Monitoring Wells																					
MW-4	7 - 27	19.02	1/26/2007	14.91	4.11	0	No	<50 b	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**83**
MW-6	13 - 19	19.07	1/26/2007	14.79	4.28	0	No	**67,000 a**	**380 a**	**8,600 a**	**3,600 a**	**17,000 a**	--	--	--	--	--	**62**	--	--	<0.50
MW-7	22 - 25	21.74	1/26/2007	17.17	4.57	0	No	<50 b	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**100 a**
MW-8	17 - 30	18.42	1/26/2007	14.09	4.33	0	No	<50 b	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	**26**
MW-9	11.5 - 15	19.42	1/26/2007	14.90	4.52	0	No	<50 b	<0.50	<0.50	<0.50	**0.73**	--	--	--	--	--	<0.50	--	--	**10**
QCTB	--	--	1/24/2007	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	<0.50

Notes:

<	Denotes less than laboratory PQL	1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	PCE	Tetrachloroethene	TBA	Tertiary butyl alcohol
--	Not analyzed / applicable / measured	DIPE	Di-isopropyl ether	GW	Groundwater	PQL	Practical Quantitaion Limit	TOC	Top of casing
µg/L	micrograms per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TPPH	Total purgeable petroleum hydrocarbons
bgs	Below ground surface	EPA	Environmental Protection Agency	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether		

1 TOC elevations were surveyed by Morrow Surveying to the NAVD 88 Datum by GPS observations on 1/18/2007.
2 Depth was recorded from below ground surface for soil borings and from below the TOC for monitoring wells.
3 Analyzed by EPA Method 8260

a The PQL was raised due to sample dilution.
b Tetrachloroethene was subtracted from the gasoline range TPH.
c The Continuing Calibration Verification (CCV) recovery was not within established control limits.
d The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.

TABLE 6
SOIL VAPOR ANALYTICAL RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Date Sampled	Leak-Check Compund	TPPH [1]	BTEX [2]					Fuel Oxygenates [2]										Atmospheric Gases [3]		
		2-Propanol ($\mu g/m^3$)	($\mu g/L$)	Benzene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Ethylbenzene ($\mu g/m^3$)	m,p-Xylene ($\mu g/m^3$)	o-Xylene ($\mu g/m^3$)	1,2-DCA ($\mu g/m^3$)	1,3-DCB ($\mu g/m^3$)	1,4-DCB ($\mu g/m^3$)	EDB ($\mu g/m^3$)	ETBE ($\mu g/m^3$)	Ethanol ($\mu g/m^3$)	IPE ($\mu g/m^3$)	MTBE ($\mu g/m^3$)	TAME ($\mu g/m^3$)	TBA ($\mu g/m^3$)	Oxygen (%)	Methane (%)	Carbon Dioxide (%)
VP-1																					
	1/19/2007	<7.2	<0.15	<2.3	**16**	<3.2	**8.2**	<3.2	<3.0	<4.4	<4.4	<5.6	<12	<5.5	<12	<2.6	<12	<22	**22**	<0.00015	**0.46**
	2/1/2007	<6.6	<0.14	<2.1	**5.4**	<2.9	**6.3**	**3.5**	<2.7	<4.0	<4.0	<5.1	<11	<5.0	<11	<2.4	<11	<20	**21**	<0.00013	**0.52**
VP-2																					
	1/19/2007	<6.8	<0.14	<2.2	**3.4**	**3.2**	**3.5**	**13**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**22**	<0.00014	**0.63**
duplicate	1/19/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	<0.00014	**0.64**
	2/1/2007	<6.8	<0.14	<2.2	<2.6	<3.0	<3.0	**6.3**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**21**	<0.00014	**0.55**
VP-3																					
	1/19/2007	<7.3	**0.75**	<2.2	**13**	**14**	**42**	**29**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	**21**	<0.00015	**0.98**
duplicate	1/19/2007	<7.3	--	<2.4	**13**	**15**	**43**	**30**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	--	--	--
	2/1/2007	**12**	**0.27**	<2.2	**3.7**	**5.8**	**7.8**	**12**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**20**	<0.00014	**1.0**
duplicate	2/1/2007	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUBSLAB																					
	2/6/2007	**16**	<0.23	<3.6	<4.2	<4.8	<4.8	<4.8	<4.5	<6.7	<6.7	<8.6	<19	<8.4	<19	<4.0	<19	<34	**20**	<0.00022	**1.7**

Notes:

<	Denotes less than laboratory reporting limits	1,3-DCB	1,3-Dichlorobenzene	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether
%	Percent	1,4-DCB	1,4-Dichlorobenzene	ETBE	Ethyl tertiary butyl ether	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	1,2-DCA	1,2-Dichloroethane	IPE	Isopropyl ether	TBA	Tertiary butyl alcohol
$\mu g/m^3$	Micrograms per cubic meter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether		

1 Analyzed by Modified EPA Method TO-3 GC/FID as TPH (total petroleum hydrocarbons - gasoline range)
2 Analyzed by Modified EPA Method TO-14A GC/MS Full Scan
3 Analyzed by ASTM D-1946

APPENDIX A
SMCHD-GPP CORRESPONDENCE AND PERMITS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

HEALTH DEPARTMENT

May 1, 2006

RECEIVED
MAY 03 2006
BY:----------

SMCo Site #110069
APN: 034-186-110

Thomas Kosel
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Kosel:

Thank you for the December 5, 2005, work plan prepared by SECOR International Incorporated. Unfortunately, San Mateo County Groundwater Protection Program (GPP) staff cannot approve the work plan for the following reasons: 1) insufficient detail was provided to evaluate the value of the proposed work; 2) the proposed work appeared insufficient to meet the objective; and 3) some of the specified field protocols violate County requirements without justification. We must say we were disappointed with the work plan considering it was submitted almost eight months after it was due.

The laboratory results from the analysis of soil samples indicates the greatest hydrocarbon impact in soil is generally between 15 and 18 feet below grade (fbg). In addition, the boring logs indicate the site is underlain by an interbedded sequence of low and high permeability soils. Therefore, the laboratory results from SP-1, SP-2, and SP-4 have limited use to assess the lateral and vertical extent of dissolved-phase hydrocarbons because these borings were drilled to only 13 fbg. This situation was discussed at the bottom of Page One of our letter dated January 20, 2005. However, it appears the work plan only proposes to sample "first" groundwater (Bullet #3 on Page Five). The work plan does indicate an additional groundwater sample will be collected from the "desired depth" from a hydropunch drilled in an adjacent boring if a low-permeability layer is encountered, but we cannot establish what this action proposes to investigate. Therefore, we cannot approve the work because we cannot establish if it has a reasonable chance of obtaining the objective (assessment of dissolved-phase plume). Clearly, there is sufficient historical data to propose and justify grab groundwater sampling intervals. Furthermore, we expect the work plan to indicate what sample selection will be based on if field data do not support the historical data. It is imperative soil and groundwater sample selection for laboratory analysis not only be based on PID readings and depth to groundwater, as stated in the work plan, but also stratigraphy, distance from source areas, and the depth of previously identified impacts.

GPP staff concur Monitoring Wells MW-5 and MW-1 through MW-3 should be destroyed because they are screened across low permeability strata. We also concur some replacement wells are necessary. However, the work plan simply proposed to install one replacement well per destroyed well and did not provide any details on the proposed construction of the replacement wells. Again, we would argue there is sufficient historical data to propose and

justify the number of replacement wells and appropriate screened interval(s). Furthermore, we expect the work plan to indicate what the screened interval will be based on if field data does not support the historical data (just saying stratigraphy is not sufficient). ConocoPhillips might be able to justify not installing a replacement well near MW-1 to monitor the sand and gravel between 20 and 25 fbg based on the laboratory results from the historical analysis of groundwater samples from MW-1 when depth to groundwater was >15 fbg (below the uppermost gravel layer). Also, installing the replacement well(s) for MW-3 a little further southwest (e.g. 10 feet) of the existing location may assist in assessment.

The proposed subsurface vapor sampling locations appear reasonable. However, the work plan was extremely inadequate in discussing the proposed vapor sampling work. It is essential all details of the sampling apparatus and sampling methodology be provided and justified (especially given the high failure rates we have seen in performing this task). Furthermore, some of the proposed vapor sampling procedures (e.g. using a Tedlar bag for the vapor sample; raising drill rod before installing and sealing sample tubing; using bentonite to backfill the unsaturated zone portion of vapor borings) violate GPP requirements. Proposed deviations from our requirements must be justified in the work plan. Please note, the groundwater monitoring well portion of the field procedures in Attachment 3 indicates the stability criterion for pH is 0.1%. In addition, the Well Installation and Groundwater Monitoring Well Development portion of the field procedures in Attachment 3 indicates the balance of the borehole above the two-foot-thick bentonite seal placed above the filter pack will consist of bentonite. These procedures would also violate County requirements.

Please upload a revised work plan to the State Geotracker database by **June 26, 2006**. The revised work plan should include the area map prepared by Morrow Surveying in December 2005 (Page Four of the December 2005 work plan).

Please call me at (650) 363-4972 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, P.O. Box 1539, Paso Robles, CA 93447-1539
Diane Barclay, SECOR, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

HEALTH DEPARTMENT

October 18, 2006

SMCo Site #110069
APN: 034-186-110

Thomas Kosel
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Kosel:

Thank you for the June 22, 2006, work plan prepared by SECOR International Incorporated. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of this work plan and the project file.

The three monitoring wells at the Jiffy Lube site on Figure 2 were installed for the former Shell station at 407 S. Delaware Street. The field point name (FPN) of these wells is S-1, S-2, and S-3 (northwest, northeast, and southeast of the former UST cavity, respectively). These wells were destroyed in September 2001 as a condition of case closure. Please update the electronic file of Figure 2 to show the proper FPN of these wells and to indicate these wells were destroyed.

Page Five of the work plan proposes to collect soil samples from many depths for hydrocarbon analysis. One of the proposed depths is the bottom of the borehole. Please note, the objective of collecting soil samples below the water table is to assess the thickness of the smear zone and give an indication of groundwater contamination if groundwater samples cannot be collected from that depth. Simply deciding to sample soil at the total depth of the boring may or may not provide useful data for hydrocarbon assessment.

GPP staff are concerned that the proposed depth discrete groundwater sampling method may cross-contaminate groundwater samples collected below the water table. Groundwater may enter the boring through the bottom of the drill rod when soil samples are retrieved causing groundwater from different depths to mix and potentially cross-contaminate the hydropunch tool when it is lowered through the drill pipe. In addition, collecting soil and groundwater from the same drilling location makes it impossible to sample groundwater from a particular soil sample depth (i.e. one must assume the lithology surrounding the hydropunch is similar to the lithology of the previously logged soil sample). Nevertheless, to expedite the work, GPP staff will approve the depth discrete groundwater sampling portion of the work plan if the following conditions are implemented:

- Drill two borings at each depth discrete groundwater sampling location (one for soil logging to select appropriate groundwater sampling depths, the other to collect depth

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OCT 20 2006
By

discrete groundwater samples using a Waterloo Profiler or similar tool) unless you can demonstrate the proposed sampling method will obtain representative samples; and

- Delete proposed boring SP-5 unless you can demonstrate adequate smear zone assessment cannot be obtained from the boring proposed for MW-6.

The well destruction and vapor sampling portion of the work plan is approved with the following conditions:

- Destroy MW-5 and MW-1 through MW-3 as proposed in Bullet Three on Page Four of the work plan, not MW-1 and MW-3 through MW-5 as proposed on the top of Page Four of the work plan;

- Ensure the Swagelok® valve at the end of the tubing in the well box is installed in the closed position;

- Use bentonite granules, not powder, and limit bentonite thickness above the sand pack to 0.5 foot;

- Base the adequacy of vapor purging on vacuum drop, not time (submit purge calculations with the drilling permit application);

- Include the volume of air in the filter pack in purge calculations;

- Generate a isopropyl alcohol atmosphere around all connections not tested by the equipment leak (vacuum) test;

- Collect at least one additional subsurface vapor sample beneath the southeast portion of the station building to evaluate if a current vapor inhalation risk may exist to the occupants of the station building; and

- Do not collect vapor samples <5 days after the occurrence of measurable precipitation unless you can demonstrate such data would be representative of subsurface conditions.

GPP staff approve the replacement wells proposed for the onsite wells. However, it appears the construction of the offsite wells should be postponed pending the results of the depth discrete groundwater sampling. In the interim, please consider drilling additional depth discrete groundwater sampling boring pairs near MW-8, SP-4, and MW-5. The need and proposed construction of offsite wells can be recommended in the report on the depth discrete groundwater sampling.

The assessment report must include waste manifest(s), base 10 scaled figures showing all sampling locations to date, and tables summarizing historical gauging data and the laboratory results of all soil, groundwater, and vapor sample analyses performed to date (one table for soil, one for groundwater, and one for vapor). Do not simply include historical tables in an appendix. Each table should indicate the date and depth of sample collection, as appropriate, and the proper FPN. In addition, the site plan in the report should show the limits of excavation stated on Page Two of the work plan.

Table 1 and Paragraph One of Page Two of the work plan cite ethylbenzene, xylenes, nickel, and lead concentrations for Samples A1 through SW3 that differ from the concentrations listed in Tables 5 and 6 of the Kaprealian report dated May 11, 1995. Please verify these concentrations before finalizing the tables in the assessment report. Please upload the report and associated EDFs, GeoWell, GeoBore, GeoMap, and GeoXYZ files to the State Geotracker database by **February 28, 2007**.

Compliance Issues

Review of the State Geotracker database indicates a corrected GeoMap file for denied Confirmation # 6794980704 has not been uploaded as required. Please upload this file by **February 28, 2007**.

A recent public hearing notice mailed to GPP staff by the City of San Mateo indicated the property owner's address was 555 Laurel Avenue, Apartment #425 in San Mateo, California. Our records indicate the property owner lives in Paso Robles, California. Please investigate this discrepancy and notify GPP staff of the property owner's current address. I can be reached at (650) 363-4972 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, P.O. Box 1539, Paso Robles, CA 93447-1539
Diane Barclay, SECOR, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

ORDINANCE: 03101

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 06- 1878

P/E: 2010 MONITORING WELLS/BORINGS - INSTALLATION

FACILITY:
402 SOUTH DELAWARE STREET, SM

OWNER:
CONOCO PHILLIPS
76 BROADWAY
SACRAMENTO

WP0005157
NO APN LISTED
AMOUNT PAID: 466.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (9)
MONITORING WELL INSTALLATION
MONITORING WELL DESTRUCTION
CONSULTANT: SECOR INTERNATIONAL
(DIANE BARCLAY)
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 12/5/2006

EXPIRATION DATE: 3/5/2007

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SUBSURFACE DRILLING APPLICATION
ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
455 COUNTY CENTER, REDWOOD CITY 94063
VOICE (650)363-4305 FAX (650) 363-7882

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☒ MONITORING WELL INSTALLATION ☒ MONITORING WELL DESTRUCTION ☐ GW EXTRACTION ☒ CONSTRUCT SOIL BORINGS ☐ VAPOR MONITORING or EXTRACTION ☐ AIR SPARGING

NO. OF WELLS Installation/destruction NO. OF BORINGS 9 WELL/BORING DESIGNATION# MW-5, MW-8, SB-5a, SB-5b, SB-6a, SB-6b, SB-7a, SB-7b, SB-8a, SB-8b

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY: ☒ COUNTY GROUNDWATER PROTECTION PROGRAM ☐ RWQCB/DTSC ☐ OTHER

Drilling Location 76 Station No. 6390 Assessor's Parcel #

Address 402 South Delaware Street City, State, ZIP San Mateo, CA 94402

To be Constructed in: ☒ Public Sidewalk ☒ Roadway ☐ Public Property Private Property ☐ Refuse ☐ Other

Proposed Depth Wells/Borings 35' Drilling/Destruction Method Hollow Stem Auger and Dual Wall Grasp

Boring Diameter 8" well, 4" boring Casing Diameter 2" Slot Size 0.020

Gravel Pack Size #3 sand Screen Interval/Depth 10-35' and 20-25'

Development Method Surge and purge 10 casing volumes (additional 72 hour staff notification required)

WELL/BORING OWNER:

Name: Conoco Phillips Contact Person Jim Trotter

Address: 76 Broadway City, State, ZIP Sacramento, CA 95818

Telephone (602) 452-2507

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's Signature James F Trotter Date 12/1/06

PROPERTY OWNER: *(IF DIFFERENT FROM WELL/BORING OWNER)*

Name City of San Mateo Contact Person

Address SEE Attached Letter City, State, ZIP

Telephone

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)*

Property Owner's Signature (SEE ATTACHED OL) Date

DRILLING COMPANY: Gregg Drilling and Testing Inc Contact Person Chris Prentice-Mary Walden

Address: 950 Howe Road Drillers License # C57: 485165

City, State, ZIP Martinez, CA 94553 Telephone (925) 313-5800

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature Date 12-1-06

CONSULTANT COMPANY: SECOR International Project Manager Diane Barclay

Address: 3017 Kilgore Road, Suite 100 Telephone (916) 861-0741

City, State, ZIP Rancho Cordova, CA 95670 Responsible Professional Diane Barclay CHG

I certify that this application is correct to the best of my knowledge. I certify that the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Condition "D" of this permit. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Signature Diane Barclay Date 11/28/06

California Professional Geologist (PG) or Civil Engineer No. 4369

Please see reverse side of application for requirements and general permit conditions

Revised March 2006

SUBSURFACE DRILLING APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations must be included with the permit application. The well/boring location map must include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale. As-built locations/dimensions must be finalized in subsequent report of findings.

A workplan is required by County Staff. Upon review of information on this application and the submitted workplan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling date and time must be scheduled with County staff at least three (3) working days in advance of field work.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived wastes are the responsibility of the consultant unless stated otherwise contractually.

E. In addition to the County copy of the State DWR Form 188, boring logs and well construction details for all borings/wells, signed by a Responsible Professional, must be submitted to County GPP within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in construction procedure, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County.

G. Permit may be voided if field check reveals any misrepresentation of proposed well/boring locations on this permit application, the attached location map, or the submitted workplan.

H. Permit is valid for one mobilization only and is automatically canceled if not exercised, or if an extension is not requested by Responsible Professional and granted by County GPP, within 90 days of permit issuance date. Failure to notify staff of cancellation or delay in start time, in a timely manner, may result in additional hourly charges to be invoiced to the consultant by GPP Staff.

I. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

J. All workplans and reports related to work performed under County oversight must conform to County GPP guidelines, Regional Water Quality Control Board guidelines, and State Water Well Standards.

K. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: PER APPROVED WORK PLAN

Approved: _____ Date: 12/5/06

Revised March 2006

ORDINANCE: 03101

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 06- 1880

P/E: 2010 **MONITORING WELLS/BORINGS - INSTALLATION**

FACILITY:
402 SOUTH DELAWARE STREET, SM

OWNER:
CONOCO PHILLIPS
76 BROADWAY
SACRAMENTO

WP0005158
034-186-110
AMOUNT PAID: 466.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING WELL INSTALLATION (3)
MONITORING WELL DESTRUCTION (3)
CONSULTANT: SECOR INTERNATIONAL
(DIANE BARCLAY)
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 12/5/2006

EXPIRATION DATE: 3/5/2007

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
DEC 0 5 2006
RECEIVED

SUBSURFACE DRILLING APPLICATION
ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
459 COUNTY CENTER, REDWOOD CITY 94063
VOICE (650)363-4305 FAX (650) 363-7882

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☒ MONITORING WELL INSTALLATION ☒ MONITORING WELL DESTRUCTION ☐ GW EXTRACTION ☐ CONSTRUCT SOIL BORINGS ☐ VAPOR MONITORING or EXTRACTION ☐ AIR SPARGING

NO. OF WELLS 3 installation 3 destruction NO. OF BORINGS ____ WELL/BORING DESIGNATION# MW-1, MW-2, MW-3, MW-6, MW-7, MW-9

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY: ☒ COUNTY GROUNDWATER PROTECTION PROGRAM ☐ RWQCB/DTSC ☐ OTHER ____

Drilling Location 76 Station No. 6390 Assessor's Parcel # 034-186-110

Address 402 South Delaware Street City, State, ZIP San Mateo, CA 94401

To be Constructed in: ☐ Public Sidewalk ☐ Roadway ☐ Public Property ☐ Private Property ☐ Refuse ☐ Other ____

Proposed Depth Wells/Borings 35 feet Drilling/Destruction Method Hollow Stem Auger

Boring Diameter 8" Casing Diameter 2" Slot Size 0.020

Gravel Pack Size #3 Sand Screen Interval/Depth 10-15' and 20-25'

Development Method Surge and purge 10 casing Volumes (additional 72 hour staff notification required)

WELL/BORING OWNER:

Name: Conoco Phillips Contact Person Jim Trotter

Address: 76 Broadway City, State, ZIP Sacramento, CA 95818

Telephone (602) 952-2507

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's Signature James F. Trotter **Date** 12/1/06

PROPERTY OWNER *(IF DIFFERENT FROM WELL/BORING OWNER)*

Name Lucile Co Benedetti, Trustee Contact Person ____

Address 555 Laurel Ave, Apt. 475 City, State, ZIP San Mateo, CA 94401

Telephone (650) 340-9995

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)*

Property Owner's Signature Lucile B. Benedetti **Date** 11/30/06

DRILLING COMPANY: Gregg Drilling and Testing Inc Contact Person Chris Prunty Mary Walden

Address: 950 Howe Road Drillers License # C57: 485165

City, State, ZIP Martinez, CA 94533 Telephone (925) 313-8800

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature [signature] **Date** 12-1-06

CONSULTANT COMPANY: SECOR International Project Manager Diane Barclay

Address: 3017 Kilgore Road, Suite 100 Telephone (916) 384-0744

City, State, ZIP Rancho Cordova, CA 95670 Responsible Professional Diane Barclay CHG

I certify that this application is correct to the best of my knowledge. I certify that the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Condition "D" of this permit. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Signature Diane Barclay **Date** 11/28/06

California Professional Geologist (PG) or Civil Engineer No. 4369

Please see reverse side of application for requirements and general permit conditions

Revised March 2006

SUBSURFACE DRILLING APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations must be included with the permit application. The well/boring location map must include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale. As-built locations/dimensions must be finalized in subsequent report of findings.

A workplan is required by County Staff. Upon review of information on this application and the submitted workplan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit must be available on site while work related to the permit is being performed. Drilling date and time must be scheduled with County staff at least three (3) working days in advance of field work.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings must be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit must be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is required within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived wastes are the responsibility of the consultant unless stated otherwise contractually.

E. In addition to the County copy of the State DWR Form 188, boring logs and well construction details for all borings/wells, signed by a Responsible Professional, must be submitted to County GPP within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in construction procedure, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County.

G. Permit may be voided if field check reveals any misrepresentation of proposed well/boring locations on this permit application, the attached location map, or the submitted workplan.

H. Permit is valid for one mobilization only and is automatically canceled if not exercised, or if an extension is not requested by Responsible Professional and granted by County GPP, within 90 days of permit issuance date. Failure to notify staff of cancellation or delay in start time, in a timely manner, may result in additional hourly charges to be invoiced to the consultant by GPP Staff.

I. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

J. All workplans and reports related to work performed under County oversight must conform to County GPP guidelines, Regional Water Quality Control Board guidelines, and State Water Well Standards.

K. Top-of-casing elevation of all wells must be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Latitude and longitude of all wells must be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: PER APPROVED WORK PLAN

Approved: _____ Date: 12/5/06

Revised March 2006

RECEIVED
DEC 13 2006
By _____

CITY OF SAN MATEO - DEPARTMENT OF PUBLIC WORKS

ENCROACHMENT PERMIT

(keep this permit on the job site at all times)

Permit #: 4819 **Issue Date:** 12/14/06

Subject to the City of San Mateo receiving **notice 1 business day** prior to the commencement of work by calling (650) 522-7522 xt. 6900, permission is hereby granted to:

Applicant: SECOR International, Inc.

Project Manager: Diane Barclay, Matthew Battin **Office phone:** 916/384-0742 **Cell phone:** 916/384-0744

Project Address: 402 Delaware St. S, intersections of 4th Ave. E & 5th Ave E.

Work Authorized: Destroy 1 monitoring well in sidewalk area on Delaware St. S, install 1 new per approved attached site map. Do not place well in gutter pan, must be past lip of area in ac. Perform 4 soil borings per attached site map. Traffic control per Caltrans attached traffic control plans. Contractor must notify PW Inspection 650/522-7522 xt 522-7740, Fire 650/522-7940 & County Communications 650/363-4961, 24 hours prior to commencement of work and if necessary, lane closure. Refund upon submittal of test results abandonment of all wells & inspection of boring's backfill.

monitoring well per gutter pan in street standards, and 6900, Police 650/

All work in accordance with City of San Mateo's General Conditions for Contractors and Standard Drawing(s): #3 - 1 - __153_, #3 - 1 - _141a_, #3 - 1 - __141c_, #3 - 1 - _____ .

Deposit Amount: 10-221002	$ 1,000.00
Permit Fee: 10-4662-340203	$ 218.00
Permit Expiration Date:	2/28/07

Permittee must follow stormwater BMPs for:

- ☑ General Construction
- ☑ Heavy Equipment
- ☐ Earth-Moving
- ☐ Landscaping
- ☑ Roadwork/Paving
- ☑ Concrete/Mortar
- ☐ Painting/Solvents
- ☐ Dewatering Activities

The holder of this permit shall comply with all City ordinances and State laws relating to street and sidewalk encroachment and maintain adequate safe passage for pedestrian and vehicular traffic, all as may be required by the particular work in progress. All work shall conform to the City of San Mateo General Conditions for Contractors, Standard Drawings, and the Standard Specifications for Public Works Construction "Green Book". Failure to comply with the provisions under which this permit is issued may be basis for rejecting work. Deposit refunded when work has been completed to the satisfaction of the City Engineer.

Permit Issued By: [signature]

For City Engineer

City of San Mateo, Department of Public Works
330 W. 20th Avenue, San Mateo, CA 94403
(650) 522-7300 Main Office
(650) 522-7301 Fax

(If Applicable) PA# Bldg. Permit #

Call (650) 522-7522 xt. 6900
24 hrs. advance notice to schedule inspections.

Inspector Notes:

Final Inspection Date:

By:

IF ANY TRAFFIC ISSUES ARE OBSERVED BY PW OR CALTRAIN CONTRACTOR HAS 15 MIN TO CLEAR JOB SITE. VINCE HANSEN

MUST BE COMPLETED BY 1300 ON 12-15-2006

White – Customer Yellow – Inspector Pink – File Goldenrod - Finance

APPENDIX B
FIELD AND LABORATORY PROCEDURES

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

APPENDIX B
FIELD AND LABORATORY PROCEDURES

Hydraulic Push (GEOPROBE) Drilling

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking and cleared for underground utilities through Underground Service Alert (USA). In addition, the first five feet of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities.

Borehole Advancement

Single-Wall GEOPROBE:
Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic push type rig for the purpose of collecting samples and evaluating subsurface conditions. The drill rod serves as a soil sampler, and an acetate liner is inserted into the annulus of the drill rod prior to advancement. Once the sample is collected, the rods and sampler are retracted and the sample tubes are removed from the sampler head. The sampler head is then cleaned, filled with clean sample tubes, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated.

Dual-Wall GEOPROBE:
Pre-cleaned push rods are advanced using a hydraulic push type rig for the purpose of collecting samples and evaluating subsurface conditions. Larger diameter push rod(s) (typically 4 inches outer diameter) are advanced to the desired depth to seal the upper water-bearing zone. Outer rods are not extended into the saturated zone before collection of groundwater samples. Smaller diameter push rod(s) (typically 2 inches in outer diameter, but larger enough to almost completely fill the annulus of the outer push rod(s)) are advanced within the annulus of the outer push rod to the total depth. The lead inner rod serves as a soil sampler, and an acetate liner is inserted into the annulus of the lead inner rod prior to advancement. Once the soil sample is collected, the inner rod(s) and sampler are retracted and the sample tubes are removed from the sampler head. The sampler head is cleaned, filled with clean sample tubes, and the process of advancing the outer rods prior to the advancement of the sampler rods repeated until the total depth of sampling is reached.

Soil Sample Collection

The undisturbed soil samples intended for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches is length. Hand augered portions of the boring are sampled using a slide hammer to drive brass liners into the soil. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting job number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the

direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool. Soil cuttings generated are stored in Department of Transportation (DOT) approved 55-gallon steel drums, or an equivalent storage container.

Grab Groundwater Sample Collection

Once the desired groundwater sampling depth has been reached, a Hydropunch tip is affixed to the head of the sampling rods. The Hydropunch tip is advanced between approximately 6 inches to one foot within the desired groundwater sampling zone (effort is made to emplace the Hydropunch screen across the center of the water table), and retracted to expose the Hydropunch screen. Grab groundwater samples are collected by lowering a pre-cleaned, single-sample polypropylene, disposable bailer down the annulus of the sampler rod. The groundwater sample is discharged from the bailer to the sample container through a bottom emptying flow control valve to minimize volatilization. Alternatively, groundwater samples are collected by lowering a disposable bailer through the sampler rod or into the borehole.

Collected water samples are discharged directly into laboratory provided, pre-cleaned, vials or containers and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date, and type of preservative (if applicable, i.e. HCl for TPPH, BTEX, and fuel oxygenates) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests.

Borehole Completion

Upon completion of drilling and sampling, the rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced, via a tremmie pipe, and pumped to displace standing water in the borehole. Displaced groundwater is collected at the surface into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Hollow Stem Auger Drilling/Monitoring Well Installation

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking, and cleared for underground utilities through Underground Service Alert (USA). In addition, the first five feet of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the presence of underground structures or utilities.

Borehole Advancement

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. Upon completion of drilling and sampling, if no well is to be constructed, the augers are retracted, and the borehole is filled with neat cement grout, mixed at a ratio of 6 gallons of water per

94 pounds of Portland cement, through a tremmie pipe, and pumped to displace standing water in the borehole. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finish grade.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Soil cuttings are temporarily stored on-site in 55-gallon DOT approved drums pending laboratory analysis, waste profiling and proper disposal. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of drilling, borehole number, and depth interval from which the contents were generated.

Split-Spoon Sampling

The precleaned split spoon sampler lined with three 6-inch long brass or stainless steel tubes is driven 18 inches into the underlying soils at the desired sample depth interval. The sampler is driven by repeatedly dropping a 140-pound hammer a free fall distance of 30 inches. The number of blows (blow count) to advance the sampler for each six-inch drive length is recorded on the field logs. Once the sampler is driven the 18-inch drive length or the sampler has met refusal (typically 50 blows per six inches), the sampler is retrieved. Alternatively, with a limited access rig, soil samples are obtained by driving the sample using a pneumatic hammer.

Of the three sample tubes, the bottom sample is generally selected for laboratory analysis. The sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap, and sealing the cap with non-VOC, self-adhering silicon tape. A label is affixed to the sample indicating the sample identification number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

The remaining soil samples are used for soil classification and field evaluation of headspace volatile organic vapors, where applicable, using a photo ionization or flame ionization detector calibrated to a calibration gas (typically isobutylene or hexane). VOC vapor concentrations are recorded on the boring logs.

Groundwater Monitoring Well Installation and Development

Groundwater monitoring wells are constructed by inserting or tremmieing well materials through the annulus of the hollow stem auger. The groundwater monitoring wells are constructed with a screen interval determined from the encountered soil stratigraphy, to maintain a proper seal at the surface (minimum three feet), and to avoid penetrating aquitards. Groundwater wells are installed in accordance with the conditions of the well construction permit issued by the regulatory agency exercising jurisdiction over the project site.

The well screen generally consists of schedule 40 polyvinyl chloride (PVC) casing with 0.01 to 0.02 factory slots. As a general rule, 0.01 inch slots are used in fine-grained silts and

clays and 0.02 inch slots are used in coarse-grained materials. The screen is then filter packed with #2/12 or #3 sand, or equivalent, for the 0.01 and 0.02 inch slots, respectively.

Once the borehole has been drilled to the desired depth, bentonite chips (to backfill an aquitard) or six inches of filter sand are tremmied to the bottom of the boring. The well screen and blank well casing are then inserted through the annulus of the hollow stem augers. The well screen is sand packed by tremmieing the appropriate filter sand through the annulus between the casing and augers while slowly retracting the augers. During this operation, the depth of the sand pack in the auger is continuously sounded so that the sand remains in the auger annulus during auger retraction to avoid short-circuiting the well. The sand pack is tremmied to approximately two feet above the screen, at which time pre-development surging is performed to consolidate the sand pack. Additional sand is added as necessary to help ensure that the sand pack extends a minimum of two feet above top of screen. Following construction of the sand pack, a two foot thick bentonite seal is tremmied over the sand and hydrated in place. The remainder of the borehole is backfilled with Portland neat cement grout (or the equivalent), mixed at ratio of 6 gallons of water per 94 pounds of neat cement. The well head is then capped with a locking cap and secured with a lock to protect the well from surface water intrusion and vandalism.

The well head is further protected from damage with traffic a rated well box in paved areas or locking steel riser in undeveloped areas. The protective boxes or risers are set in concrete. The details of well construction are recorded on well construction logs.

Following well construction, the wells are developed in accordance with agency protocols by intermittently surging and bailing the wells. Development is deemed to be sufficient once pH, conductivity and temperature stabilize to within approximately ≤ 0.1, ≤ 3%, and ≤ 10%, respectively, or when ten casing volumes have been removed.

Semi-Annual Groundwater Sampling

Depth to Groundwater/SPH Thickness Measurements

Prior to the beginning of purging and sampling the wells, the depth to groundwater and thickness of SPH, if present, within each well casing are measured to the nearest 0.01 foot using either an electronic water level indicator or an electronic oil-water interface probe. This is done in within as narrow a time frame as possible, and before the first well is purged. Measurements are taken from a point of known elevation on the top of each well casing as determined in accordance with surveys by licensed land surveyors.

Groundwater Monitoring Well Purging

Groundwater wells are purged using low-flow protocol at a flow rate of less than 1 liter per minute using a bladder pump. The purge intake is placed opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact, and the depth of the purge intake is recorded during and after purging. The water level in each well is monitored, and care is taken that the well is not dewatered. The conductivity, temperature, and pH of the delivered effluent are monitored and recorded using a flow-through cell during purge operations. Purge operations are determined to be sufficient once three successive measurements of pH, conductivity, and temperature of the purged water at 3 to 5 minute intervals following the evacuation of one system or line volume vary by ≤ 0.1, ≤ 3%, and ≤ 10%, respectively. System

or line volumes, actual purge volumes, and the purging equipment used are recorded on the field data sheets.

Groundwater Sample Acquisition, Handling, and Analysis

Following purging operations, groundwater samples are collected from each of the wells, using a low-flow bladder pump. The groundwater sample is discharged from the pump tubing to the sample container before the water passes through the flow-through cell. The sampling equipment is recorded on the field data sheets.

Collected water samples are discharged directly into laboratory provided, pre-cleaned, and chemically preserved sample containers for the analyses requested. Preservatives are used in the samples if appropriate for the analyses, i.e. hydrochloric acid (HCl) for TPPH, BTEX, and fuel oxygenates by EPA Method 8260B.

Labels documenting sample number, well identification, collection date and time, type of sample and type of preservative (if applicable) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain of custody to a certified laboratory. The type of preservative used is documented on the chain of custody form.

To help assure the quality of the collected samples and to evaluate the potential for cross contamination during transport to the laboratory, a distilled-water trip blank accompanies the samples in the cooler. The trip blank is analyzed for the presence of volatile organic compounds of concern. For petroleum hydrocarbons, the trip blank is typically analyzed for TPHg, BTEX, and fuel oxygenates by EPA Method 8260.

Subslab Soil Vapor Probe Installation

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking, and cleared for underground utilities through Underground Service Alert (USA). In addition, a private sub-surface utility locator is contracted, to help evaluate the presence of underground structures or utilities.

Borehole Advancement

A pilot hole, approximately 1/16-inch larger in diameter than the diameter of the soil vapor probe (though smaller in diameter than the head of the soil vapor probe), is advanced no further than 3 inches into the native material beneath the concrete building slab, using a rotary hammer drill or equivalent equipment. A shallow outer hole is advanced on top of the pilot hole. The diameter of the outer hole is large enough to accommodate the head of the soil vapor probe and the tools necessary to attach the sampling tubing to the probe, and is deep enough to allow the probe to be set flush with the slab surface. Slab cuttings are removed using a small portable vacuum.

Probe Installation

The soil vapor probe is constructed of small diameter (1/8-inch to ¼-inch outside diameter) chromatography grade 316 stainless steel tubing, stainless steel compression to thread fittings, and a Swagelok-type valve at the top of the probe. The tubing at the bottom of the

probe is cut to allow the probe to "float" in the slab, and avoid obstruction of the subslab material by the probe. The probe is set in the inner hole to be flush with the ground surface. A quick drying concrete slurry, which expands upon drying, is applied within the annulus between the soil vapor probe and the outer hole to seal the probe in place. The seal is allowed to cure for at least 24 hours prior to sampling.

Installing Soil Vapor Probes and Soil Vapor Sampling

Utility Locating

Prior to drilling and sampling, the presence of utilities in the area of the proposed soil vapor point(s) is evaluated by marking the location of the boring(s) in white paint or other method, and clearing the area through Underground Service Alert (USA). At each sampling location, a two to four-inch core is made in the surface pavement to allow access of the boring equipment.

Borehole Advancement and Probe Installation

The borehole is advanced to the desired sampling depth using a 6-inch diameter hand auger. The soil vapor probe is attached a length of Tygon® tubing that is at least two feet greater than the total depth of the borehole with a closed Swagelok® type valve attached to the opposite end. The vapor probe is set at a depth approximately 6 inches above the total depth of the borehole in a #3 Monterey Sand (or the equivalent) filter pack that is at a minimum of one foot thick. A half-foot thick layer of granulated bentonite is placed above the filter pack and hydrated. The soil vapor point is completed to the surface with neat cement grout mixed at a ratio of 6 gallons of water per 94 pounds of cement. A traffic rated is will be set in concrete, flush with the ground surface. The excess length of Tygon® tubing with the Swagelok® type valve is coiled up inside the well box.

Vapor Sampling

Soil vapor sampling is performed after a minimum time duration of 1 week, to allow the neat cement grout to cure, and to allow the subsurface vapor concentrations disturbed during installation activities to equilibrate. The sampling apparatus consists of two six-liter Summa canisters (one for vapor sample collection and one for system purging) connected via a manifold to a vacuum gauge, a ½-hour (100 to 200 ml/minute) flow regulator, and a filter. The sampling apparatus is assembled and a leak check performed prior to mobilization to the field. The leak checked is performed by closing the system at the down-hole side of the filter and opening the valve on the purge Summa canister. If the negative vacuum pressure of 30 inches of mercury (inHg) is maintained over a fifteen minute period, the apparatus passes the leak check. Once the sampling apparatus is assembled in the field, Tygon® tubing is attached to the down-hole side of the filter and connected to the Swagelok® type valve on the soil vapor sampling point. The apparatus is leak checked again. Once the apparatus passes the field leak check, the system is purged of three system volumes. The system volume is determined by adding together the volume of the airspace within the Tygon® tubing, the volume of the vapor well annulus airspace, and the volume of the airspace within the manifold, being careful to account for the volume of the vapor point within the filter pack material. This system volume is used to calculate the vacuum pressure drop that will occur during the purging of three system volumes, and can be divided by the flow rate of 200 ml/minute to derive the purge time.

The following equations are used to calculate the purge rate:

$$V_s = \left[\pi \left(\frac{D_i}{2} \right)^2 L \right] x + V_a + V_m$$

V_s = System Volume
D_i = Tubing Inner Diameter (in inches)
L = Tubing Length (in inches)
x = Conversion Constant (16.39 mL/in^3)
V_a = Annulus Volume
V_m = Manifold Volume

$$V_a = \left[\pi \left(\frac{Da}{2} \right)^2 h \, x \, \varphi \right] + 0.7(V_p)$$

V_a = Annulus Airspace Volume
D_a = Annulus Diameter
h = Annulus Height
x = Conversion Constant (16.39 mL/in^3)
φ = Porosity
V_p = Vapor Point Volume

$$t_p = \frac{V_s}{F}$$

t_p = Purge Time
V_s = System Volume
F = Flow Rate

$$\frac{V_i}{P_i} = \frac{V_s}{P_p}$$

V_i = Summa Canister Volume
P_i = Initial Summa Pressure
V_s = System Volume
P_p = Purge Pressure Drop

After the system purge, the soil vapor is collected by closing the valve on the purge Summa canister and opening the valve on the sampling Summa canister. The sampling start time is recorded on the field data sheet. Isopropyl alcohol (IPA), or the equivalent, is used as a leak check compound. A piece of gauze is attached to the down-hole side of the Swagelok® type valve and moistened with IPA, taking care not to apply the IPA directly to the tubing, valves, and fittings. The gauze is re-moistened with IPA every five minutes. After approximately one half hour, or when the vacuum pressure of the system reaches 5 inHg, the sampling canister valve is closed and the end time is recorded. Prior to sampling subsequent sample locations, the used tubing is discarded.

The sampling canister(s) and chain of custody is labeled with the site name, sampling ID, time and date of sampling, final vacuum pressure, and the canister serial number. The sampling canister(s) are shipped to a California certified laboratory for analysis.

Organic Vapor Procedures

Soil samples are collected for analysis in the field for ionizable organic compounds using a PID with a 10.2 eV lamp. The test procedure involves measuring approximately 30 grams from an undisturbed soil sample, placing this sub-sample in a Ziploc™-type bag or in a clean glass jar, and sealing the jar with aluminum foil secured under a ring-type threaded lid. The container is warmed for approximately 20 minutes (in the sun); then the head-space within the container is tested for total organic vapor, measured in parts per million as benzene (ppm; volume/volume). The instrument is calibrated prior to drilling. The results of the field-testing are noted on the boring logs. PID readings are useful for indicating relative levels of contamination, but cannot be used to evaluate petroleum hydrocarbon levels with the confidence of laboratory analyses.

Equipment Decontamination

Equipment that could potentially contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drill augers and other large pieces of equipment are decontaminated using high pressure hot water spray. Samplers, groundwater pumps, liners and other equipment are decontaminated in an

Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Soil Cuttings and Rinsate/Purge Water

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

APPENDIX C
BORING LOGS AND WELL CONSTRUCTION DETAILS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**MW-6** PAGE 1 OF 1	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 1/3/07	COMPLETED: 1/3/07	NORTHING (ft): 2,033,661	EASTING (ft): 6,034,502
INSTALLATION: STARTED 1/3/07	COMPLETED: 1/3/07	LATITUDE: 37° 33' 57.41"	LONGITUDE: -122° 19' 8.26"
DRILLING COMPANY:	Gregg Drilling and Testing, Inc.	GROUND ELEV (ft): 19.48	TOC ELEV (ft): 19.07
DRILLING EQUIPMENT:	Limited Access Rig	INITIAL DTW (ft): 15.9 1/3/07	BOREHOLE DEPTH (ft): 20.0
DRILLING METHOD:	Hollow Stem Auger	STATIC DTW (ft): 14.24 1/4/07	WELL DEPTH (ft):19.0
SAMPLING EQUIPMENT:	Pnematic Sampling Equipment	WELL CASING DIAMETER (in): 2	BOREHOLE DIAMETER (in): 8
		LOGGED BY: MJB	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot concrete							
						0.5	Air Knife to 5' bgs.			
5		ML	**GRAVELLY SILT**; ML; 7.5YR 4/4 brown; medium plasticity; dry; (25,10,65,0)		1000 MW-6@ 5.5-6'	1.5		0	5	Neat Cement Grout
										2" Diameter PVC Casing
10			Same			1.5			10	Bentonite Seal
		ML	**SILT**; ML; 10.5Y 4/3 brown; medium plasticity; soft; moist; moderate HC odor; (0,5,95,0)		1015 MW-6@ 12-12.5'			88		#3 Monterey Sand Filter Pack
15		SM	**SILTY SAND**; SM; 10YR 4/3 brown; wet; moderate HC odor; poorly graded; (0,80,20,0)		1030 MW-6@ 15.5-16'	1.5		562	15	0.020" Slotted Screen PVC Casing
		GM	**SILTY GRAVEL**; GM; 10YR 4/3 brown; wet; moderate HC odor; hydrocarbon staining; poorly graded; (70,10,20,0)		1040 MW-6@ 17.5-18'	1.5		400		
		SP-SM	**POORLY GRADED SAND WITH SILT AND** GRAVEL; SP-SM; 10YR 5/4 yellowish brown; loose; saturated; moderate HC odor; (20,70,10,0)		1042 MW-6@ 18-18.5'	1.5		683 689		Threaded End Cap
		MH	**ELASTIC SILT**; MH; 10 YR 4/4 dark yellowish brown; high plasticity; soft; moderate HC odor; damp; (0,0,100,0)		1045 MW-6@ 18.5-19'	0.5		328	20	#3 Monterey Sand Bottom Filter Pack Bentonite Bottom Seal
20			Hole terminated at 20 feet.		1047 MW-6@ 19.5-20'					

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-7** PAGE 1 OF 2

SECOR

DRILLING: STARTED 1/2/07 COMPLETED: 1/2/07
INSTALLATION: STARTED 1/2/07 COMPLETED: 1/2/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: California Modified Split Spoon

NORTHING (ft): 2,033,589 EASTING (ft): 6,034,442
LATITUDE: 37° 33' 56.68" LONGITUDE: -122° 19' 8.98"
GROUND ELEV (ft): 22.17 TOC ELEV (ft): 21.74
INITIAL DTW (ft): 22 1/2/07 BOREHOLE DEPTH (ft): 26.5
STATIC DTW (ft): 18.25 1/2/07 WELL DEPTH (ft): 25.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			8" Asphalt							
		ML	**SILT**; ML; medium plasticity; damp; (0,5,95,0)				Air Knife to 5' bgs.			
5		ML	**SILT**; ML; yellowish brown; very stiff; damp; low to medium plasticity; (10,10,80,0)		1225 MW-7@ 5.5-6'	1.5	9 11 15	0	5	2" Diameter PVC Casing; Neat Cement Grout
10		ML	**SANDY SILT**; ML; yellowish brown; hard; damp; low to medium plasticity; organics present; (10,20,70,0)		1235 MW-7@ 10.5-11'	1.5	14 15 19	0	10	
15		SM	**SILTY SAND**; SM; yellowish brown; medium dense; moist; (5,60,35,0)		1245 MW-7@ 15.5-16'	1.5	3 12 13	0	15	
		ML	**SANDY SILT**; ML; yellowish brown; low plasticity; very stiff; moist; (5,40,55,0)		1300 MW-7@ 17.5-18'	1.5	14 3 5	0		
		SM	**SILTY SAND**; SM; like 16 feet; (5,60,35,0)				12			
		ML	**SILT**; ML; yellowish brown; medium plasticity; very stiff; moist; iron oxide staining; 0,5,95,0)			1.5	15 18			
20		ML	**SANDY SILT**; ML; yellowish brown; low plasticity; hard; moist; iron oxide staining; well graded; (5,25,70,0)		1310 MW-7@ 21-21.5'	1.5 1	18 6 12 18 20	0	20	Bentonite Seal; #3 Monterey Sand Filter Pack
		SM	**SILTY SAND WITH GRAVEL**; SM; yellowish brown; medium dense; saturated; upper content in shoe; (20,50,30,0)							0.020" Slotted PVC Casing; Threaded End

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
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WELL / PROBEHOLE / BOREHOLE NO: **MW-7** PAGE 2 OF 2

SECOR

DRILLING: STARTED 1/2/07 COMPLETED: 1/2/07
INSTALLATION: STARTED 1/2/07 COMPLETED: 1/2/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: California Modified Split Spoon

NORTHING (ft): 2,033,589 EASTING (ft): 6,034,442
LATITUDE: 37° 33' 56.68" LONGITUDE: -122° 19' 8.98"
GROUND ELEV (ft): 22.17 TOC ELEV (ft): 21.74
INITIAL DTW (ft): 22 1/2/07 BOREHOLE DEPTH (ft): 26.5
STATIC DTW (ft): 18.25 1/2/07 WELL DEPTH (ft): 25.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT**; ML; yellowish brown; medium plasticity; hard; iron oxide staining; damp; (0,5,95,0)		1345 MW-7@ 26-26.5'	1.5	3 12 20	0		Cap #3 Monterey Sand Bottom Filter Pack Bentonite Bottom Seal
			Hole terminated at 26.5 feet.							
30									30	
35									35	
40									40	
45									45	

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PROJECT: Offsite Assessment
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WELL / PROBEHOLE / BOREHOLE NO: **MW-8** PAGE 1 OF 2

SECOR

DRILLING: STARTED 1/4/07 COMPLETED: 1/4/07
INSTALLATION: STARTED 1/4/07 COMPLETED: 1/4/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,782 EASTING (ft): 6,034,496
LATITUDE: 37° 33' 58.6" LONGITUDE: -122° 19' 8.36"
GROUND ELEV (ft): 18.81 TOC ELEV (ft): 18.42
INITIAL DTW (ft): 18 1/4/07 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 13 1/4/07 WELL DEPTH (ft): 30.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot concrete							
		ML	**SILT WITH SAND**; ML; 5YR 4/4 reddish brown; medium plasticity; damp; (0,15,85,0)				Air Knife to 5' bgs.			
5			Same		1149 MW-8@ 5.5-6'	1.5		0	5	2" Diameter PVC Casing
										Neat Cement Grout
10		ML	**SANDY SILT WITH GRAVEL**; ML; 10YR 4/6 dark yellowish brown; medium plasticity; damp; (15,20,65,0)		1154 MW-8@ 10.5-11'	1.5		0	10	
					1157 MW-8@ 12-12.5'	1.5		0		
		MH	**ELASTIC SILT**; MH; 10YR 4/3 brown; soft; medium to high plasticity; damp; (0,0,100,0)		1159 MW-8@ 12.5-13'	1.5		0		
15		CH	**FAT CLAY**; CH; 10YR 4/4 dark yellowish brown; high plasticity; hard; damp; (0,0,5,95)			1.5			15	Bentonite Seal
						1.5				#3 Monterey Sand Filter Pack
		GM	**SILTY GRAVEL**; GM; 10YR 4/3 brown; wet; well graded; low plastic silt; (60,10,30,0)		1209 MW-8@ 17-17.5'	1.5		0		
			Saturated; same			1.5				
20						1.5			20	
						1.5				
		SM	**SILTY SAND**; SM; 10YR 3/6 dark yellowish brown; soft; saturated; poorly graded; (0,80,20,0)			1.5				0.020" Slotted PVC Casing
						1.5				

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WELL / PROBEHOLE / BOREHOLE NO: **MW-8** PAGE 2 OF 2

SECOR

DRILLING: STARTED 1/4/07 COMPLETED: 1/4/07
INSTALLATION: STARTED 1/4/07 COMPLETED: 1/4/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,782 EASTING (ft): 6,034,496
LATITUDE: 37° 33' 58.6" LONGITUDE: -122° 19' 8.36"
GROUND ELEV (ft): 18.81 TOC ELEV (ft): 18.42
INITIAL DTW (ft): 18 1/4/07 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 13 1/4/07 WELL DEPTH (ft): 30.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
						1.5				
						1.5				
						1.5				
30			Hole terminated at 30 feet.						30	Threaded End Cap
35									35	
40									40	
45									45	

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WELL / PROBEHOLE / BOREHOLE NO: **MW-9** PAGE 1 OF 1

SECOR

DRILLING: STARTED 1/3/07 COMPLETED: 1/3/07
INSTALLATION: STARTED 1/3/07 COMPLETED: 1/3/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,726 EASTING (ft): 6,034,427
LATITUDE: 37° 33' 58.03" LONGITUDE: -122° 19' 9.19"
GROUND ELEV (ft): 19.71 TOC ELEV (ft): 19.42
INITIAL DTW (ft): 14.7 1/3/07 BOREHOLE DEPTH (ft): 17.0
STATIC DTW (ft): 14.32 1/4/07 WELL DEPTH (ft): 15.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot Asphalt and Base Rock							
		ML	**SILT WITH SAND**; ML; 5YR 4/4 reddish brown; medium plasticity; damp; (0,15,85,0)				Air Knife to 5' bgs.			
5		ML	**GRAVELLY SILT**; ML; 7.5YR 4/4 brown; low plasticity; dry; (25,10,65,0)		0910 MW-9@ 5.5-6'	1.5		0	5	Neat Cement Grout; 2" Diameter PVC Casing
10		ML	**SANDY SILT**; ML; 7.5YR 4/4 brown; low plasticity; damp; (10,20,70,0)		0915 MW-9@ 10.5-11'	1.5		0	10	Bentonite Seal; #3 Monterey Sand Filter Pack
		GM	**SILTY GRAVEL WITH SAND**; GM; 10YR 4/6 dark yellowish brown; medium dense; poorly graded; (60,20,20,0)							0.020" Slotted PVC Casing
15			Saturated		0920 MW-9@ 15.5-16'	1.5		0	15	Threaded End Cap; #3 Monterey Sand Bottom Filter Pack; Bentonite Bottom Seal
		MH	**ELASTIC SILT**; MH; 10YR 4/4 dark yellowish brown; hard; medium to high plasticity; damp; (0,0,100,0)		0922 MW-9@ 16-16.5'	0.5		0		
			Hole terminated at 17 feet.							
20									20	

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WELL / PROBEHOLE / BOREHOLE NO: **SP-5** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,645 EASTING (ft): 6,034,576
LATITUDE: 37° 33' 57.26" LONGITUDE: -122° 19' 7.33"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.6 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; damp; (0,40,55,5)							
5									5	
		ML	**SANDY SILT**; ML; 5/8 yellowish brown; non plastic; hard; damp; coarse-grained sand; (5,45,45,5)		0855 SP-5@ 9-9.5'	0.50		0		
10									10	
		SM	**SILTY SAND**; SM; 5/8 yellowish brown; medium to coarse-grained; medium dense; damp; (5,65,30,0)							
					0910 SP-5@ 14-14.5'	0.50		0		
15									15	Neat Cement Grout Backfill
		CL	**SANDY LEAN CLAY**; CL; 4/5GY green; soft; moist; low to medium plasticity; (0,40,0,60)							
		SM	**SILTY SAND**; SM; 4/5GY green; medium dense; wet; strong odor; (5,80,10,5)		0915 SP-5@ 19-19.5'	0.50		567		
20			Well graded sand.						20	
		SW-SM	**WELL GRADED SAND WITH SILT**; SW-SM; brown; fine to coarse-grained; medium dense;							

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WELL / PROBEHOLE / BOREHOLE NO: **SP-5** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,645 EASTING (ft): 6,034,576
LATITUDE: 37° 33' 57.26" LONGITUDE: -122° 19' 7.33"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.6 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SW-SM	wet; (10,80,10,0) Iron oxide staining Coarse gravel (10,80,10,0)		0925 SP-5@ 23-28'			2.1		
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; medium dense; wet; (10,65,25,0) (5,60,35,0) saturated; (10,55,35,0)							
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

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PROJECT: Offsite Assessment
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WELL / PROBEHOLE / BOREHOLE NO: **SP-6** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,710 EASTING (ft): 6,034,462
LATITUDE: 37° 33' 57.86" LONGITUDE: -122° 19' 8.76"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 21 12/15/06 BOREHOLE DEPTH (ft): 28.0
STATIC DTW (ft): 15 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			6 inches concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; low plasticity; damp; (0,40,60,0)							
5		ML	**SANDY SILT**; ML; brown; low plasticity; firm; damp; (5,35,60,0)		1525 SP-6@ 7.5-8'	0.50		0	5	
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; fine to coarse-grained; loose; damp; gravel up to 1.5 inches; (30,30,35,5)							
10					1530 SP-6@ 11.5-12'	0.50		0	10	
15		GM	GM; slight odor		1535 SP-6@ 15.5-16'	0.50		0	15	Neat Cement Grout Backfill
		GM	**SILTY GRAVEL WITH SAND**; GM; green; fine to coarse-grained; strong odor; loose to medium dense; damp; (45,30,25,0)							
20		ML	**SANDY SILT**; ML; brown; low plasticity; moist; firm; (10,30,60,0)		1540 SP-6@ 20-20.5'	0.50		396	20	
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; fine to coarse-grained; loose; wet; no odor; (40,40,20,0)							
		GM	GM; saturated							

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PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**SP-6** PAGE 2 OF 2	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 12/14/06	COMPLETED: 12/15/06	NORTHING (ft): 2,033,710	EASTING (ft): 6,034,462
INSTALLATION: STARTED 12/14/06	COMPLETED: 12/15/06	LATITUDE: 37° 33' 57.86"	LONGITUDE: -122° 19' 8.76"
DRILLING COMPANY: Gregg Drilling and Testing, Inc.		GROUND ELEV (ft):	TOC ELEV (ft):
DRILLING EQUIPMENT: Geoprobe		INITIAL DTW (ft): 21 12/15/06	BOREHOLE DEPTH (ft): 28.0
DRILLING METHOD: Direct Push		STATIC DTW (ft): 15 12/15/06	WELL DEPTH (ft): ---
SAMPLING EQUIPMENT: Geoprobe		WELL CASING DIAMETER (in): ---	BOREHOLE DIAMETER (in): 2
		LOGGED BY: JSR	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	**SILTY SAND WITH GRAVEL**; SM; brown; medium dense; saturated; (30,50,20,0)							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; medium dense; saturated; (40,40,20,0)							
			Hole terminated at 28 feet.							
30									30	
35									35	
40									40	
45									45	

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WELL / PROBEHOLE / BOREHOLE NO: **SP-7** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,517 EASTING (ft): 6,034,527
LATITUDE: 37° 33' 55.99" LONGITUDE: -122° 19' 7.91"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 32 12/15/06 BOREHOLE DEPTH (ft): 34.0
STATIC DTW (ft): 15.5 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; damp; (0,45,55,0)							
5		ML	**SANDY SILT**; ML; brown; non plastic; firm; damp; (5,40,55,0)		1055 SP-7@ 7-7.5'			0	5	
10		ML	ML; (10,35,55,0)		1100 SP-7@ 11-11.5'	0.50		0	10	
15		ML	ML; moist		1105 SP-7@ 15.5-16'	0.50		0	15	Neat Cement Grout Backfill
		SM	**SILTY SAND**; SM; brown; medium dense; moist; (0,60,40,0)							
		CL	**SANDY LEAN CLAY**; CL; brown; medium plasticity; hard; moist; (0,30,10,60)							
20		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; hard; moist; (0,20,10,70)		1110 SP-7@ 19.5-20'	0.50		0.3	20	
					1115 SP-7@ 23-23.5'	0.50		0		

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WELL / PROBEHOLE / BOREHOLE NO: **SP-7** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,517 EASTING (ft): 6,034,527
LATITUDE: 37° 33' 55.99" LONGITUDE: -122° 19' 7.91"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 32 12/15/06 BOREHOLE DEPTH (ft): 34.0
STATIC DTW (ft): 15.5 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; hard; moist; (0,20,10,70)			0.50				
30		CL	CL; soft		1120 SP-7@ 29.5-30'			0	30	
		SM	**SILTY SAND**; SM; brown; fine to medium-grained; loose; moist; (0,60,30,10)		1125 SP-7@ 31.5-32'	0.50		0	▽	
		SM	SM; fine to medium-grained; saturated; (0,80,20,0)							
		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; moist; soft to firm; (0,20,35,45)							
35			Hole terminated at 34 feet.						35	
40									40	
45									45	

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WELL / PROBEHOLE / BOREHOLE NO: **SP-8** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,649 EASTING (ft): 6,034,717
LATITUDE: 37° 33' 57.32" LONGITUDE: -122° 19' 5.58"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.2 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; dry; fine to medium-grained sand; (0,45,55,0)							
5									5	
		ML	**SANDY SILT**; ML; brown; non plastic; soft; dry; fine to coarse-grained sand; (0,50,50,0)			0.50				
		ML	**SANDY SILT**; ML; brown; medium plasticity; soft; dry; fine to medium-grained sand; (5,30,65,0)		1310 SP-8@ 8-8.5'			0.3		
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; loose; dry; well graded sand; (10,55,35,0)							
10									10	
		SM	**SILTY SAND WITH GRAVEL**; SM; (15,60,25,0)			0.50				
					1315 SP-8@ 12-12.5'			0		
		SM	**SILTY SAND**; SM; (5,60,35,0)							
15									15 ▼	Neat Cement Grout Backfill
					1320 SP-8@ 15.5-16'	0.50		0		
		ML	**SANDY SILT**; ML; brown; low plasticity; soft; moist; (0,40,60,0)							
		SM	**SILTY SAND WITH GRAVEL**; SM; grayish green; loose; moist; (20,55,25,0)							
					1325 SP-8@ 19.5-20'	0.50				
		SM	SM; strong odor					616		
20		SM	SM; saturated; strong HC odor in water; (25,55,20,0)						20 ▽	
		SM	**SILTY SAND**; SM; strong HC odor; (5,70,25,0)							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**SP-8** PAGE 2 OF 2	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 12/14/06	COMPLETED: 12/15/06	NORTHING (ft): 2,033,649	EASTING (ft): 6,034,717
INSTALLATION: STARTED 12/14/06	COMPLETED: 12/15/06	LATITUDE: 37° 33' 57.32"	LONGITUDE: -122° 19' 5.58"
DRILLING COMPANY:	Gregg Drilling and Testing, Inc.	GROUND ELEV (ft):	TOC ELEV (ft):
DRILLING EQUIPMENT:	Geoprobe	INITIAL DTW (ft): 20 12/15/06	BOREHOLE DEPTH (ft): 30.0
DRILLING METHOD:	Direct Push	STATIC DTW (ft): 15.2 12/15/06	WELL DEPTH (ft): ---
SAMPLING EQUIPMENT:	Geoprobe	WELL CASING DIAMETER (in): ---	BOREHOLE DIAMETER (in): 2
		LOGGED BY: JSR	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SW-SM	**WELL GRADED SAND WITH SILT AND GRAVEL**; SW-SM; loose; saturated; strong HC odor; (30,60,10,0)							
		SM	**SILTY SAND WITH GRAVEL**; SM; medium dense; saturated; slight HC odor; (25,60,15,0)							
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-1** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,605 EASTING (ft): 6,034,484
LATITUDE: 37° 33' 56.85" LONGITUDE: -122° 19' 8.46"
GROUND ELEV (ft): 21.35 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 6.0
STATIC DTW (ft): WELL DEPTH (ft): 5.5
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			8" Asphalt							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (35,25,40,0)							
		ML	**SANDY SILT**; ML; brown; non plastic; moist; (0,45,50,5)							
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; fine gravel; (5,50,45,0)						5	
			Hole terminated at 6 feet.							

Neat Cement Grout Backfill
Bentonite Seal
Soil Vapor Probe
#3 Monterey Sand Filter Pack

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-2** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,627 EASTING (ft): 6,034,499
LATITUDE: 37° 33' 57.07" LONGITUDE: -122° 19' 8.28"
GROUND ELEV (ft): 20.41 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 5.5
STATIC DTW (ft): WELL DEPTH (ft): 5.0
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			4 inches asphalt							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (35,30,35,0)							
		ML	**SANDY SILT**; ML; brown; low plasticity; moist; (5,35,50,10)							Neat Cement Grout Backfill
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; fine gravel; (10,45,45,0)							Bentonite Seal
5									5	Soil Vapor Probe
										#3 Monterey Sand Filter Pack
			Hole terminated at 5.5 feet.							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-3** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,658 EASTING (ft): 6,034,459
LATITUDE: 37° 33' 57.36" LONGITUDE: -122° 19' 8.79"
GROUND ELEV (ft): 20.31 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 6.0
STATIC DTW (ft): WELL DEPTH (ft): 5.5
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			3 inches concrete							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (30,25,40,5)							
		ML	**SANDY SILT**; ML; brown; moist; low to medium plasticity; (5,40,50,5)							
			(0,30,45,25)							
		CL	**LEAN CLAY**; CL; brown; moist; firm to hard; low to medium plasticity; (0,20,20,60)							
			(0,10,10,80)							
		ML	**SILT WITH SAND**; ML; brown; medium plasticity; moist; (0,20,60,20)							
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; (5,60,30,5)						5	
			Hole terminated at 6 feet.							

Neat Cement Grout Backfill
Bentonite Seal
Soil Vapor Probe
#3 Monterey Sand Filter Pack

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

APPENDIX D
FIELD DATA SHEETS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 1/9/06 **Project Name:** offsite Assment

Field Technician: Jaime Ricci **Project Number:** 77CP.01574.05.1204

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter
ELEV = Groundwater Elevation
DUP = Duplicate

WELL OR LOCATION	TIME	MEASUREMENT						PURGE & SAMPLE	SHEEN CONFIRMATION (w/bailer)	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV			
MW-4	0934			14.51	26.89					
MW-6	0921			14.38	18.71					
MW-7	0918			16.72	24.					
MW-8	0929			13.65	29.65					
MW-9	0925			14.47	14.71					

WELL DEVELOPMENT LOG

Project Number 72GP.01524.05.1204 Well MW-9

Project Name offsite Assessment Development Subcontractor Cascade Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift Sub. Pump Surge Block (Bailer) Other _____

Development Criteria Surge Prior to Purging 10 casing Volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter & Turbidity Meter

Development Water Disposal Method 55-gallon drum.

Comments _____

DEVELOPMENT DATA

Depth to Water: Start 14.47 End 14.47 Ref. Point Elev. _____ Height Above Ground Surface _____

Total Depth: Start 14.71 End 14.71

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
	1415	0	85	172.5	Clear	8.54	18.3	
	1420	.05	300	288	Clear	7.81	18.6	
	1425	.17	450	428	Lt Tan	7.53	18.4	
	1427	.28	450	413	Lt Tan	7.40	18.6	
	1429	.39	450	414	Lt Tan	7.23	18.8	
	1431	.5	450	399	Lt Tan	7.10	18.8	
	1433	.61	450	381	Lt Tan	6.99	18.7	
	1435	.72	450	367	Lt Tan	7.01	18.9	
	1436	.89	450	360	Lt Tan	6.99	18.8	
	1439	1	450	349	Lt Tan	6.98	18.9	
	1443	1.11	450	343	Lt Tan	6.99	18.8	
	1445	1.22	450	338	Lt Tan	6.93	19.0	
	1448	1.39	450	334	Lt Tan	6.90	19.2	

REMARKS: 2.69% 0.09 2.13%

14.71 - 14.47 = .24 × 0.17 = 0.04

WELL DEVELOPMENT LOG

Project Number 72CP.01574.05.120H Well MW-6

Project Name Offsite Assessment Development Subcontractor Gregg Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift Sub. Pump (Surge Block) Bailer Other ____

Development Criteria Surge prior to bailing. Purge 10 casing Volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter + turbidity meter

Development Water Disposal Method 55-gallon drum

Comments surge 15 mins prior to purge

DEVELOPMENT DATA

Depth to Water: Start 14.38 End 15.12 Ref. Point Elev. ____ Height Above Ground Surface ____

Total Depth: Start 18.71 End 18.72

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
1/9/06	1306	0	>1000	735	Brown	7.15	20.1	Slight sheen, slight sand
	1308	0.75	>1000	739	Brown	7.10	20.1	↓
	1310	1.5	>1000	744	Brown	7.07	20.1	↓
	1312	2.25	>1000	748	Brown	7.05	20.2	↓
	1314	3	>1000	764	Brown	7.05	20.2	↓
	1316	3.75	>1000	777	Brown	7.01	20.2	V sl. sheen V. sl. sand
	1318	4.5	>1000	767	Brown	6.97	20.1	
	1320	5.25	>1000	752	Brown	6.94	20.1	
	1322	6	>1000	750	Brown	6.92	20.1	
	1324	6.75	>1000	751	Brown	6.92	20.1	
	1326	7.5	>1000	758	Brown	6.90	20.2	

REMARKS: DTB - DTW = 18.71 - 14.38 = 4.33 × 0.17 = 0.75 gal 1.76% HC odor 0.02 0.50%

WELL DEVELOPMENT LOG

Project Number 77CP-01574.05.004 Well MW-8

Project Name Offsite Assessment Development Subcontractor Gregg Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift (Sub. Pump) (Surge Block) Bailer Other _____

Development Criteria Surge prior to bailing. Purge 10 casing volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter & turbidity meter

Development Water Disposal Method 55-gallon drum

Comments Surge 15 mins prior to purge. Used pump to purge ~1 gal/min

DEVELOPMENT DATA

Depth to Water: Start 13.65 End 13.66 Ref. Point Elev. _____ Height Above Ground Surface _____

Total Depth: Start 29.65 End 29.79

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
1/9/06	1138	0	>1000	596	Brown	7.10	19.8	Sandy
	1148	2.75	>1000	516	Brown	7.08	20.4	↓
	1150	5.5	>1000	465	Brown	6.91	20.8	Less Sandy
	1153	8.25	>1000	444	Brown	6.84	21.1	↓
	1156	11	>1000	425	Brown	6.81	21.2	↓
	1159	13.75	900	415	Tan	6.78	21.2	A lot less sandy
	1201	16.5	510	409	Tan	6.76	21.1	↓
	1204	19.25	250	404	Light Tan	6.75	21.0	↓
	1207	22	190	400	Light Tan	6.74	21.0	No sand
	1209	24.75	150	396	Very Light Tan	6.73	20.9	↓
	1212	27.5	130	393	Almost clear	6.71	21.1	↓

REMARKS: 29.65 - 13.65 = 16 x 0.17 = 2.72 0.03 0.96%

1.78%

WELL DEVELOPMENT LOG

Project Number 72CP.01574.05.1204 Well MW-7

Project Name Offsite Assessment Development Subcontractor Gregg Drilling

Performed/Supervised Jaime Ricci

Development Method Airlift Sub. Pump Surge Block (Bailer) Other _____

Development Criteria Surge Prior to bailing. Purge at least 10 casing volumes

Equipment Cleaning Method Liquinox

Field Instruments Used Multimeter & Turbidity Meter

Development Water Disposal Method 55-gallon drum

Comments Surge 15 min prior to Purge

DEVELOPMENT DATA

Depth to Water: Start 16.72 End 17.16 Ref. Point Elev. ____ Height Above Ground Surface ____

Total Depth: Start 24.00 End 24.15

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other
1/9/06	1008	0	>1000	720	Brown	9.66	18.8	Sandy
	1018	1.25	>1000	497	Brown	8.93	18.6	
	1019	2.5	>1000	462	Brown	8.32	18.8	
	1021	3.75	>1000	445	Brown	7.97	18.9	
	1023	5	>1000	441	Brown	7.87	18.9	
	1025	6.25	>1000	428	Brown	7.75	19.1	Less sandy
	1027	7.5	>1000	409	Brown	7.57	18.9	
	1029	8.75	>1000	396	Brown	7.45	19.0	
	1030	10	>1000	389	Brown	7.41	19.0	
	1032	11.25	>1000	384	Brown	7.32	18.9	
	1034	12.5	>1000	363	Brown	7.25	18.9	A lot Less sandy
	1036	13.75	>1000	369	Brown	7.20	19.0	
	1037	14	>1000	366	Brown	7.19	19.0	

REMARKS: 24 - 16.72 = 7.28 x 0.17 = 1.23

1.65%

0.06 0.53%

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 1/26/07 **Project Name:** 76 Service Station #6390

Field Technician: Richard **Project Number:** 77CP.01574.07.8511

DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Flow through cell calibrated Y X N___

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y X N___

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
MW-4	7'-27'	15	1049 ~~1038~~	Ø	14.91 ~~14.90~~	27.09 ~~14.98~~	Y	N	Y	
MW-6	13'-19'	17	1053	Ø	14.79	18.97		N		
MW-7	22'-25'	Center of Water Column - Top of Screen (22') if Submerged	1046	Ø	17.17	24.45		N		
MW-8	17'-30'	Center of Water Column - Top of Screen (17') if Submerged	1041	Ø	14.09	30.05		N		
MW-9	11.5'-15'	Center of Water Column - Top of Screen (11.5') if Submerged	1035	Ø	14.90	14.98	X	N	X	

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-4

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-4

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1525 END (2400hr) 1540

DATE SAMPLED _____ SAMPLE TIME (2400hr) 1542 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = ~~NABH~~ 27.09 LINE VOLUME (L) = 370 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = ~~NABH~~ 14.91 CALCULATED PURGE (L) = ____

WATER COLUMN HEIGHT (feet) = 12.18 ACTUAL PURGE (L) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1529	370	15.84	0.488	6.72		
	1532	810	17.28	0.490	6.71		
	1535	1265	17.29	0.489	6.71		
	1538	1655	18.09	0.489	6.71		
Calculated Variance of Final Three Samples:			1.74%	0.20%	0		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 14.75 DTW AFTER PURGING: 14.82 SAMPLE DTW: 14.82

DEPTH TO PURGE INTAKE DURING PURGE: 15 DEPTH TO PURGE INTAKE AFTER PURGE: 15 SAMPLE DEPTH: 15

ANTICIPATED PURGE INTAKE DEPTH: 15 ANALYSES: TPPH BTEX MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: 3 VOAs w/ HCl

PURGING EQUIPMENT: Low Flow

SAMPLING EQUIPMENT: Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO ____

WELL INTEGRITY: Good LOCK#: Yes

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-6

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-6

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1615 END (2400hr) 16:28

DATE SAMPLED 1/26/07 SAMPLE TIME (2400hr) 1633 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = _____ LINE VOLUME (L) = .440 CASING VOLUME (L) = _____

DEPTH TO WATER (feet) = _____ CALCULATED PURGE (L) = _____

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (L) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME ~~(gal)~~ mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1620	440	17.11	0.668	6.85	Brown	
	1623	850	17.69	0.669	6.84	Brown	
	1626	1700	17.69	0.669	6.81	Brown	
Calculated Variance of Final Three Samples:			3.39	.15	.04		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 14.63 DTW AFTER PURGING: 14.8 SAMPLE DTW: 14.8

DEPTH TO PURGE INTAKE DURING PURGE: 17 DEPTH TO PURGE INTAKE AFTER PURGE: 17 SAMPLE DEPTH: 17

ANTICIPATED PURGE INTAKE DEPTH: 17 ANALYSES: TPPH, BTEX, MTBE

ODOR: _____

SAMPLE VESSEL / PRESERVATIVE: 3 VOAS W/HCL

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES ____ NO ____

WELL INTEGRITY: Good LOCK#: yes

REMARKS: _____

SIGNATURE: _____ Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-7

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-7

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1410 END (2400hr) 1455

DATE SAMPLED _____ SAMPLE TIME (2400hr) 1458 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 24.45 LINE VOLUME (L) = 540 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 17.17 CALCULATED PURGE (L) = ____

WATER COLUMN HEIGHT (feet) = 7.28 ACTUAL PURGE (L) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
	1442	540	13.60	0.485	6.72	Clear	
	1445	850	15.10	0.492	6.40	Clear	
	1448	1015	15.78	0.492	6.30	Clear	
	1451	1420	16.52	0.492	6.29	Clear	
	1454	1770	16.69	0.492	6.25		
Calculated Variance of Final Three Samples:			5.77	0	0.05		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 17.02 DTW AFTER PURGING: 17.25 SAMPLE DTW: 17.25

DEPTH TO PURGE INTAKE DURING PURGE: 22 DEPTH TO PURGE INTAKE AFTER PURGE: 22 SAMPLE DEPTH: 22

ANTICIPATED PURGE INTAKE DEPTH: 22 ANALYSES: TPPH BTEX MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: 3 Voa W/ HCl

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO ____

WELL INTEGRITY: Good LOCK#: 423

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: _____ PURGED BY: Rich WELL I.D.: MW-8

CLIENT NAME: CP SAMPLED BY: Rich SAMPLE I.D.: MW-8

LOCATION: 6390

DATE PURGED 1/26/07 START (2400hr) 1305 END (2400hr) 1319

DATE SAMPLED _____ SAMPLE TIME (2400hr) 1323 LOW-FLOW USED Y

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 30.05 LINE VOLUME (L) = 1.44 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 14.09 CALCULATED PURGE (L) = ____

WATER COLUMN HEIGHT (feet) = 15.96 ACTUAL PURGE (L) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1312	440	16.15	.500	6.77	Lt. Tan	
	1315	290	16.19	0.499	6.75	Lt Tan	
	1318	920	16.50	0.498	6.74		
Calculated Variance of Final Three Samples:			2.17	.40%	0.03		
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 14.09 DTW AFTER PURGING: 14.10 SAMPLE DTW: 14.10

DEPTH TO PURGE INTAKE DURING PURGE: 17 DEPTH TO PURGE INTAKE AFTER PURGE: 17 SAMPLE DEPTH: 17

ANTICIPATED PURGE INTAKE DEPTH: 17 ANALYSES: TPPH, BTEX, MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: 3 VOAs W/ HCl

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection?: YES X NO ____

WELL INTEGRITY: Good LOCK#: Yes

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #:

CLIENT NAME: CP

LOCATION: 6390

PURGED BY: Rich

SAMPLED BY: Rich

WELL I.D.: MW-9

SAMPLE I.D.: MW-9

DATE PURGED 1/26/07

DATE SAMPLED 1/26/07

START (2400hr) 1128

SAMPLE TIME (2400hr) 1221

END (2400hr) 1156

SAMPLE TYPE: Groundwater X Surface Water ___ Treatment Effluent ___ Other ___

LOW-FLOW USED N

CASING DIAMETER: 2" X 3" ___ 4" ___ 5" ___ 6" ___ 8" ___ Other ___ ( )

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84)

DEPTH TO BOTTOM (feet) = 14.98

DEPTH TO WATER (feet) = 14.96

WATER COLUMN HEIGHT (feet) = 0.08

LINE VOLUME (L) = ___ CASING VOLUME (L) = 0.0512

CALCULATED PURGE (L) = ___

ACTUAL PURGE (L) = ___

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal) mL	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
1/26/07	1131	0	15.71	0.001 ms/cm	7.48	Sl. Tan	
	1145	25	15.14	0.438 ms/cm	6.86	Sl. Tan	
	1150	50	14.76	0.442 ms/cm	6.84	Sl. Tan	
	1156	100	14.46	0.439 ms/cm	6.82	Sl. Tan	

Calculated Variance of Final Three Samples: 4.7% 0.9% 0.04

Acceptable Variance Limits: ≤ 10% ≤ 3% ≤ 0.1

DTW DURING PURGING: 14.90 DTW AFTER PURGING: 14.90 SAMPLE DTW: 14.90

DEPTH TO PURGE INTAKE DURING PURGE: 14.94 DEPTH TO PURGE INTAKE AFTER PURGE: 14.94 SAMPLE DEPTH: 14.94

ANTICIPATED PURGE INTAKE DEPTH: Center of H_2O Column ANALYSES: TPPH, BTEX, MTBE

ODOR: None

SAMPLE VESSEL / PRESERVATIVE: Voa with HCl

PURGING EQUIPMENT: ~~Bailer~~ Peristaltic Pump

SAMPLING EQUIPMENT: Peristaltic Pump

Flow Through Cell Disconnected Prior to Sample Collection?: YES NO

WELL INTEGRITY: ___

LOCK#: Yes

REMARKS: ___

SIGNATURE: [signature]

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD REPORT

DATE 1-19-07	PAGE OF
PROJECT NO. 77CP.01574.07	TASK NO. 1201
PROJECT	
LOCATION	
WEATHER	TEMP.
CLIENT	
SUBCONTRACTOR	

FIELD OFFICE:

TO:

ATTN:

6:30 - 9:00 AM Drive Time to site

9:00 AM - Health & Safety Tailgate. Regulator, Dena Milano, onsite. He expressed concerns regarding precipitation in the past 5 days. Call to Adrian Perez in office to obtain precipitation records. For South SF Precipitation was: .14" 1/16/07, .02" 1/18/07 website reference is www.wunderground.com

Less than .25" for 5 day period. Based on fine grained lithology, surface cover of asphalt/concrete, vadose zone is not likely saturated.

10:00 AM - Initial pressure on VP-1 through VP-3 & PURGE-1 through PURGE-3 at -30.5 mmHg.

10:10 AM - 15 min. pressure check on VP/PURGE set up

10:15 AM - VP3/PURGE3 Failed vacuum check after 2 mins. Used 4th manifold

10:40 AM - All three (VP1/P1, VP2/P2, VP3/P3) systems passed vapor vacuum test.

10:55 AM - VP3/P3 : Initial Vac. -26 mmHg → Final Vac <-1 mmHg

11:02 AM - VP2/P2 : Initial Vac. -31 mmHg → Final Vac -4.5 mmHg

11:08 AM - VP1/P1 : Initial Vac. -30.5 mmHg → Final Vac -4.5 mmHg

11:29 AM - VP3 Sampling initiated -27 , 12:00 end -2

11:39 AM - VP1 Sampling initiated -30.5 , 12:10 end -4

11:41 AM - VP2 Sampling initiated -31.0 , 12:16 end -4.5

1245 - Sampling Complete. offsite

Drums - 18, 13 solid 5 liquid

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD REPORT

DATE 2/1/07	PAGE 1 OF 2
PROJECT NO. 7768.01574.05	TASK NO.
PROJECT Offsite Assessment	
LOCATION CP 6390	
WEATHER Foggy	TEMP. Cool
CLIENT ConocoPhillips	
SUBCONTRACTOR	

FIELD OFFICE: 077

TO:

ATTN: Diane Barclay

0600 Leave for site
0840 Arrive at site. Check in with station. H+S meeting
0910 Initial Pressure on VP-1 through VP-3 and Purge 1 through Purge 3 at -30.5 mm Hg for all except Purge 1 @ -30.25 mmHg
0930 Start 15 min leak test
0945 All 3 systems (VP-1/P1, VP-2/P2, VP-3/P3) passed test
0958 VP-3/P3: ~~Initiated~~ Initial Vac. -30 mmHg → Final -4 mmHg
1003 VP-2/P2: Initial Vac. -30.5 mm Hg → Final -2 mmHg
1006 While connecting VP-1/P1 to probe, noticed pressure had changed. Tighten connections. 15 min leak test.
Water in VP-2 well box
1015 VP-1/P1 drop in pressure
1029 Leak check 2nd manifold VP-1/P1

1031 VP-3 sampling: Initial Vac. -29.75 mmHg → Final -3 mm Hg End 1115
1041 VP-2 sampling: Initial Vac. -31 mmHg → Final -3.5 mm Hg End 1127

1055 Initial Pressure Sub Slab -30.5 mmHg & Purge Sub Slab -30.25 mmHg
1103 Leak test sub slab system
1122 VP-1/P1 & Sub Slab Pass leak check

1145 VP-1/P1: Initial Vac. -30 mmHg → Final -4.5 mmHg
1219 VP-1 Sampling: Initial Vac -30 mmHg → Final -3 mmHg End 1302
1310 Sub Slab opening too small to attach canisters. Go to Home Depot for drill to widen hole.

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

SECOR

SECOR INTERNATIONAL INCORPORATED

FIELD REPORT

DATE 2/1/07 ~~2/26/07~~	PAGE 2 OF 2
PROJECT NO.	TASK NO.
PROJECT	
LOCATION	
WEATHER	TEMP.
CLIENT	
SUBCONTRACTOR	

FIELD OFFICE:

TO:

ATTN:

1405 Start widening hole.
1500 Opening wide enough for hands + wrench. When I tighten nut, swagelock on probe twists also. Call office.
1610 Recieve call from office. Because of possible leaks in probe, we are going to reset it. Clean up.

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD REPORT

DATE 2/6/07	PAGE 1 OF 1
PROJECT NO.	TASK NO.
PROJECT CP 6340	
LOCATION	
WEATHER	TEMP.
CLIENT	
SUBCONTRACTOR	

FIELD OFFICE: 077

TO:

ATTN:

0910 Arrive onsite
0930 Initial Vac -30 mmHg in Purge Sub Slab and -30.5 mmHg in Sub Slab
0935 15 min leak test
0957 Sub Slab/ P/Sub Slab: Initial Vac -31 mmHg → Final -20 mmHg
1011 Sampling Sub Slab: Initial Vac -30.5 mmHg → End 1025 Final -19 mmHg
1045 Leave site

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

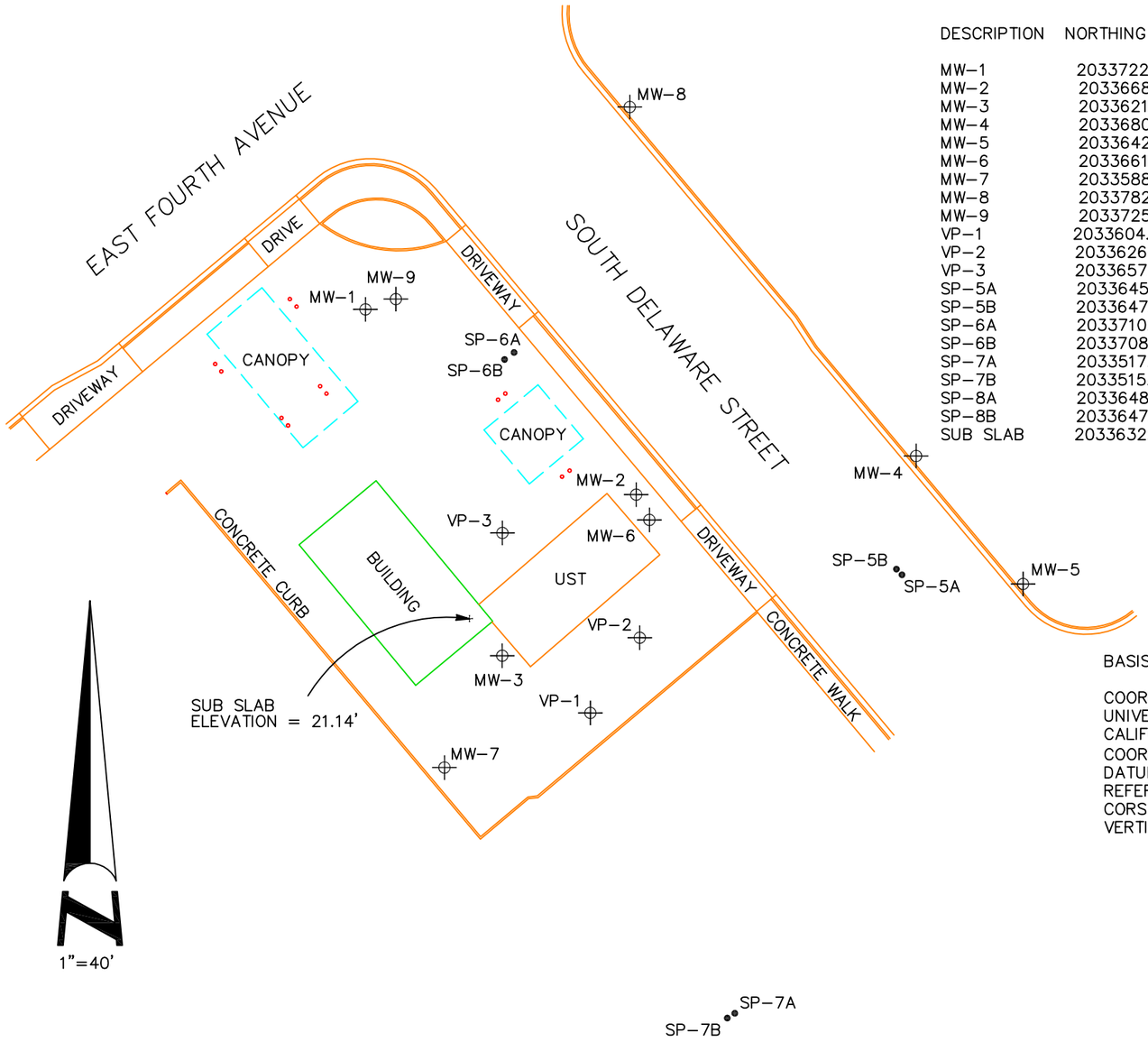
PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

APPENDIX E
SURVEYING DATA

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)	ELEV (GND)
MW-1	2033722.9	6034418.4	37.5661132	-122.3192523	19.46	19.83	
MW-2	2033668.7	6034497.7	37.5659685	-122.3189753	19.11	19.43	
MW-3	2033621.6	6034458.4	37.5658371	-122.3191075	20.69	21.09	
MW-4	2033680.0	6034579.6	37.5660039	-122.3186934	19.02	19.27	
MW-5	2033642.6	6034610.9	37.5659028	-122.3185829	18.89	19.47	
MW-6	2033661.3	6034501.6	37.5659485	-122.3189615	19.07	19.48	
MW-7	2033588.9	6034441.6	37.5657463	-122.3191636	21.74	22.17	
MW-8	2033782.2	6034495.8	37.5662799	-122.3189894	18.42	18.81	
MW-9	2033725.9	6034427.3	37.5661219	-122.3192218	19.42	19.71	
VP-1	2033604.9	6034484.3	37.5657924	-122.3190173		21.35	
VP-2	2033626.9	6034498.7	37.5658536	-122.3189690		20.41	
VP-3	2033657.5	6034458.5	37.5659357	-122.3191097		20.31	
SP-5A	2033645.3	6034575.5	37.5659083	-122.3187054			19.6
SP-5B	2033647.0	6034573.8	37.5659128	-122.3187111			19.7
SP-6A	2033710.3	6034461.9	37.5660808	-122.3191014			19.3
SP-6B	2033708.3	6034459.1	37.5660751	-122.3191109			19.3
SP-7A	2033517.0	6034526.6	37.5655534	-122.3188656			20.8
SP-7B	2033515.6	6034524.3	37.5655495	-122.3188731			20.9
SP-8A	2033648.6	6034716.5	37.5659249	-122.3182190			19.1
SP-8B	2033647.2	6034714.9	37.5659211	-122.3182246			19.1
SUB SLAB	2033632.5	6034448.9	37.5658663	-122.3191413			

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.
COORDINATE DATUM IS NAD 83(1986).
DATUM ELLIPSOID IS GRS80.
REFERENCE GEOID IS NGS99.
CORS STATIONS USED WERE FARB AND DIAB.
VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

Monitoring Well Exhibit

Prepared For:

Secor International, Inc.

0 20 40 80 120
SCALE IN FEET

ConocoPhillips 76 Station No. 6390
402 South Delaware Street
San Mateo
San Mateo County
California

Morrow Surveying
LAND SURVEYORS
1450 Harbor Blvd. Ste. D
West Sacramento
California 95691
(916) 372-8124
jeff@morrowsurveying.com

Date: 8-13-05
Scale: 1" = 40'
Sheet 1 of 1
Revised: 1-18-07
Field Book: NW-20
Dwg. No. 7228-244 JL

APPENDIX F
WASTE DISPOSAL DOCUMENTATION

OFFSITE ASSESSMENT REPORT
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of

3. Generator's Name and Mailing Address
CONOCO PHILLIPS/ MARY BODDEN
600 N. DAIRY ASHFORD, TA1024A
HOUSTON, TX 77079

4. Generator's Phone (281 293 5617

5. Transporter 1 Company Name
FILTER RECYCLING SERVICES, INC

6. US EPA ID Number
C A D 9 8 2 4 4 4 4 9 1

A. Transporter's Phone (909) 820-4111

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
FILTER RECYCLING SERVICES, INC
180 W MONTE AVE
RIALTO, CA 92316

10. US EPA ID Number
C A D 9 8 2 4 4 4 4 9 1

C. Facility's Phone (909) 421-2017

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON HAZARDOUS WASTE SOLID	013	DM	0.39.00	P
b. NON HAZARDOUS WASTE LIQUID	006	DM	00270	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above
11A) SOIL
11B) WATER

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Wear appropriate protectective clothing
24 Hour Emergency Response # (909) 721-2038
BILL TO: SECOR

P/U: 76 STATION #5390
402 SOUTH DELAWARE ST
SAN MATEO, CA

INV# 25862

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name BILL TO: SECOR Signature Date: Month 02 Day 14 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Larry Ford Signature Date: Month 02 Day 14 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.
Printed/Typed Name Signature Date: Month Day Year

GENERATOR
TRANSPORTER
FACILITY

APPENDIX G
CERTIFIED LABORATORY ANALYTICAL REPORTS, CHAIN-OF CUSTODY DOCUMENTATION, AND SECOR LAB VALIDATION SHEETS

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

Is Data Valid? (circle)
YES
NO

Preservation Temperature (If Known)
5.7 °C

Secor Lab Validation Sheet

Project/Client: ConocoPhillips/ 76 Service Station #6390
Project #: 7G8-01574.0 5.1222
Date of Validation: 2/13/07 **Date of Analysis:** 12/19 - 12/21/06 **Sample Date:** 12/15/06
Completed By: Jaime Ricci **Signature:** Jaime Ricci
Analytical Lab Used and Report # (if any): BC 06.13250

		Circle/Highlight Yes or No
1.	Was the analysis the one requested?	Yes No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes No
5.	Were Laboratory blanks performed, if so, were they below non-detect?	Yes No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes No
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes No
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes No

If any answer is no, explain why and what corrective action was taken:

One sample had a chromatogram not typical of gasoline
The continuing calibration verification recovery was not within established control limits for the majority of soil samples for TBA, and one sample for ethanol.

BC
Laboratories, Inc.

Celebrating our 50th Year

Monday, February 26, 2007

Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

ATTN: Matthew Battin

RE: Revision

Attached is a revised report for BC Laboratory No. 06-13250. Please feel free to contact our office with any questions.

Sincerely,



Stuart Buttram
Technical Director

4100 Atlas Ct. • Bakersfield, CA 93308 • (661) 327-4911 • FAX (661) 327-1918
www.bclabs.com

BC LABORATORIES, INC.

Date of Report: 02/26/2007

Matthew Battin

Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 6390
BC Work Order: 0613250

Enclosed are the results of analyses for samples received by the laboratory on 12/18/2006 21:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation,, detachment or third party interpretation.

BC LABORATORIES, INC.

Secor	Project: 6390	**Reported:** 02/26/2007 11:32
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0613250-01	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 08:36	Global ID: T0608100632
	Sampling Location:	SP-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-5-9.5-10	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-02	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 08:46	Global ID: T0608100632
	Sampling Location:	SP-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-5-14.5-15	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-03	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 09:55	Global ID: T0608100632
	Sampling Location:	SP-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-5-19.5-20	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-04	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-6-7-7.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-05	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-6-11.5-12	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0613250-06	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-6-15.5-16	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-07	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-6-20-20.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-08	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 11:03	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-7-11.5-12	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-09	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 11:14	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-7-15-5-16	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-10	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 11:31	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-7-19.5-20	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:

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Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0613250-11	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 11:50	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-7-23.5-24	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-12	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 12:08	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-7-27.5-28	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-13	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 12:33	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-7-31-31.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-14	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-8-7-7.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-15	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-8-11-11.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0613250-16	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-8-15-5-16	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-17	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	SP-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SP-8-19-19.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-18	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 15:50	Global ID: T0608100632
	Sampling Location:	SP-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SP-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-19	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 08:26	Global ID: T0608100632
	Sampling Location:	SP-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SP-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-20	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 12:30	Global ID: T0608100632
	Sampling Location:	SP-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SP-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0613250-21	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 13:40	Global ID: T0608100632
	Sampling Location:	SP-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SP-8	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:
0613250-22	**COC Number:**	---	**Receive Date:**	12/18/2006 21:05	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	12/15/2006 00:00	Global ID: T0608100632
	Sampling Location:	QCTB	**Sample Depth:**	---	Matrix: W
	Sampling Point:	QCTB	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Jaime Ricci of SIRC			Cooler ID:

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-01 | **Client Sample Name:** 6390, SP-5, SP-5-9.5-10, 12/15/2006 8:36:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	84.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 19:21	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-02 | **Client Sample Name:** 6390, SP-5, SP-5-14.5-15, 12/15/2006 8:46:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	93.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 23:21	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-03 | **Client Sample Name:** 6390, SP-5, SP-5-19.5-20, 12/15/2006 9:55:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.017	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	0.091	mg/kg	0.050		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
Toluene	0.34	mg/kg	0.050		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929	ND	A01
Total Xylenes	0.57	mg/kg	0.10		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	7.0	mg/kg	2.0		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929		
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929		
4-Bromofluorobenzene (Surrogate)	94.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 20:57	TLF	MS-V2	10	BPL0929		
4-Bromofluorobenzene (Surrogate)	94.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 23:48	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-04 | **Client Sample Name:** 6390, SP-6, SP-6-7-7.5, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	85.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 03:16	TLF	MS-V2	1	BPL0929		

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Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-05 | **Client Sample Name:** 6390, SP-6, SP-6-11.5-12, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.2	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	89.9	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 00:42	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-06 | **Client Sample Name:** 6390, SP-6, SP-6-15.5-16, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	89.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 01:08	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-07 | **Client Sample Name:** 6390, SP-6, SP-6-20-20.5, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Ethylbenzene	1.6	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Toluene	ND	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Total Xylenes	3.3	mg/kg	0.10		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
t-Butyl alcohol	ND	mg/kg	2.0		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01,V11
Diisopropyl ether	ND	mg/kg	0.050		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Ethanol	ND	mg/kg	10		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929	ND	A01
Total Purgeable Petroleum Hydrocarbons	68	mg/kg	20		EPA-8260	12/18/06	12/21/06 05:03	TLF	MS-V2	100	BPL0929	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929		
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 05:03	TLF	MS-V2	100	BPL0929		
Toluene-d8 (Surrogate)	109	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929		
Toluene-d8 (Surrogate)	93.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 05:03	TLF	MS-V2	100	BPL0929		
4-Bromofluorobenzene (Surrogate)	95.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 05:36	TLF	MS-V2	10	BPL0929		
4-Bromofluorobenzene (Surrogate)	93.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/21/06 05:03	TLF	MS-V2	100	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-08 | **Client Sample Name:** 6390, SP-7, SP-7-11.5-12, 12/15/2006 11:03:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	92.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 01:35	TLF	MS-V2	1	BPL0929		

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Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-09 | **Client Sample Name:** 6390, SP-7, SP-7-15-5-16, 12/15/2006 11:14:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	83.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:02	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-10 | **Client Sample Name:** 6390, SP-7, SP-7-19.5-20, 12/15/2006 11:31:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	94.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:28	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-11 | **Client Sample Name:** 6390, SP-7, SP-7-23.5-24, 12/15/2006 11:50:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	92.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 02:55	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-12 | **Client Sample Name:** 6390, SP-7, SP-7-27.5-28, 12/15/2006 12:08:00PM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.5	%	70 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929		
Toluene-d8 (Surrogate)	93.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929		
4-Bromofluorobenzene (Surrogate)	96.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 03:22	TLF	MS-V2	1	BPL0929		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-13 | **Client Sample Name:** 6390, SP-7, SP-7-31-31.5, 12/15/2006 12:33:00PM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117		
4-Bromofluorobenzene (Surrogate)	89.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 03:49	TLF	MS-V2	1	BPL1117		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-14 | **Client Sample Name:** 6390, SP-8, SP-8-7-7.5, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117		
4-Bromofluorobenzene (Surrogate)	93.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 04:16	TLF	MS-V2	1	BPL1117		

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Project: 6390
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Project Manager: Matthew Battin

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-15 | **Client Sample Name:** 6390, SP-8, SP-8-11-11.5, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117		
4-Bromofluorobenzene (Surrogate)	91.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 04:42	TLF	MS-V2	1	BPL1117		

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Project Manager: Matthew Battin

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-16 | **Client Sample Name:** 6390, SP-8, SP-8-15-5-16, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	V11
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117		
4-Bromofluorobenzene (Surrogate)	91.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 05:09	TLF	MS-V2	1	BPL1117		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-17 | **Client Sample Name:** 6390, SP-8, SP-8-19-19.5, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Ethylbenzene	2.1	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Toluene	ND	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Total Xylenes	7.4	mg/kg	0.10		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.010		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
t-Butyl alcohol	ND	mg/kg	2.0		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01,V11
Diisopropyl ether	ND	mg/kg	0.050		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Ethanol	ND	mg/kg	10		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.010		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117	ND	A01
Total Purgeable Petroleum Hydrocarbons	49	mg/kg	20		EPA-8260	12/19/06	12/21/06 05:56	TLF	MS-V2	100	BPL1117	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/21/06 05:56	TLF	MS-V2	100	BPL1117		
1,2-Dichloroethane-d4 (Surrogate)	99.6	%	70 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117		
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/19/06	12/21/06 05:56	TLF	MS-V2	100	BPL1117		
4-Bromofluorobenzene (Surrogate)	94.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/20/06 06:30	TLF	MS-V2	10	BPL1117		
4-Bromofluorobenzene (Surrogate)	90.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/19/06	12/21/06 05:56	TLF	MS-V2	100	BPL1117		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-18 | **Client Sample Name:** 6390, SP-6, SP-6, 12/15/2006 3:50:00PM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dibromoethane	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dichloroethane	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Ethylbenzene	570	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Methyl t-butyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Toluene	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Total Xylenes	660	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
t-Amyl Methyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
t-Butyl alcohol	ND	ug/L	200		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Diisopropyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Ethanol	ND	ug/L	5000		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Ethyl t-butyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
Total Purgeable Petroleum Hydrocarbons	38000	ug/L	1000		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919		
Toluene-d8 (Surrogate)	99.7	%	88 - 110 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	12/18/06	12/20/06 18:45	MWB	MS-V9	20	BPL0919		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-19 | **Client Sample Name:** 6390, SP-5, SP-5, 12/15/2006 8:26:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1300	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dibromoethane	ND	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dichloroethane	ND	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Ethylbenzene	1400	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Methyl t-butyl ether	330	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Toluene	1500	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Total Xylenes	4000	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
t-Amyl Methyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
t-Butyl alcohol	ND	ug/L	200		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Diisopropyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Ethanol	ND	ug/L	5000		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Ethyl t-butyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
Total Purgeable Petroleum Hydrocarbons	21000	ug/L	1000		EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	76 - 114	(LCL - UCL)	EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919		
Toluene-d8 (Surrogate)	101	%	88 - 110	(LCL - UCL)	EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919		
4-Bromofluorobenzene (Surrogate)	98.2	%	86 - 115	(LCL - UCL)	EPA-8260	12/18/06	12/19/06 19:18	MWB	MS-V9	20	BPL0919		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-20 | **Client Sample Name:** 6390, SP-7, SP-7, 12/15/2006 12:30:00PM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
cis-1,2-Dichloroethene	9.8	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Tetrachloroethene	90	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Trichloroethene	15	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	
Total Purgeable Petroleum Hydrocarbons	200	ug/L	50		EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919	ND	A53,Z1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919		
Toluene-d8 (Surrogate)	99.2	%	88 - 110	(LCL - UCL)	EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115	(LCL - UCL)	EPA-8260	12/18/06	12/20/06 14:24	MWB	MS-V9	1	BPL0919		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-21 | **Client Sample Name:** 6390, SP-8, SP-8, 12/15/2006 1:40:00PM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	110	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dibromoethane	ND	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
1,2-Dichloroethane	ND	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
Ethylbenzene	3000	ug/L	50		EPA-8260	12/18/06	12/19/06 20:09	MWB	MS-V9	100	BPL0919	ND	A01
Methyl t-butyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
Toluene	100	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
Total Xylenes	9600	ug/L	50		EPA-8260	12/18/06	12/19/06 20:09	MWB	MS-V9	100	BPL0919	ND	A01
t-Amyl Methyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
t-Butyl alcohol	ND	ug/L	200		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
Diisopropyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
Ethanol	ND	ug/L	5000		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01,V11
Ethyl t-butyl ether	ND	ug/L	10		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919	ND	A01
Total Purgeable Petroleum Hydrocarbons	51000	ug/L	5000		EPA-8260	12/18/06	12/19/06 20:09	MWB	MS-V9	100	BPL0919	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 20:09	MWB	MS-V9	100	BPL0919		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 20:09	MWB	MS-V9	100	BPL0919		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UCL)		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	12/18/06	12/19/06 20:09	MWB	MS-V9	100	BPL0919		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	12/18/06	12/22/06 18:22	MWB	MS-V9	20	BPL0919		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0613250-22 | **Client Sample Name:** 6390, QCTB, QCTB, 12/15/2006 12:00:00AM, Jaime Ricci

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114	(LCL - UCL)	EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919		
Toluene-d8 (Surrogate)	104	%	88 - 110	(LCL - UCL)	EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115	(LCL - UCL)	EPA-8260	12/18/06	12/19/06 12:49	MWB	MS-V9	1	BPL0919		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BPL0919	Matrix Spike	0612868-08	0	25.130	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0612868-08	0	26.490	25.000	ug/L	4.8	106	20	70 - 130	
Toluene	BPL0919	Matrix Spike	0612868-08	0	25.860	25.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0612868-08	0	26.410	25.000	ug/L	2.9	106	20	70 - 130	
Trichloroethene	BPL0919	Matrix Spike	0612868-08	0	28.580	25.000	ug/L		114		70 - 130	
		Matrix Spike Duplicate	0612868-08	0	28.880	25.000	ug/L	1.7	116	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPL0919	Matrix Spike	0612868-08	ND	10.410	10.000	ug/L		104		76 - 114	
		Matrix Spike Duplicate	0612868-08	ND	10.570	10.000	ug/L		106		76 - 114	
Toluene-d8 (Surrogate)	BPL0919	Matrix Spike	0612868-08	ND	10.090	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0612868-08	ND	9.9700	10.000	ug/L		99.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPL0919	Matrix Spike	0612868-08	ND	10.080	10.000	ug/L		101		86 - 115	
		Matrix Spike Duplicate	0612868-08	ND	9.8500	10.000	ug/L		98.5		86 - 115	
Benzene	BPL0929	Matrix Spike	0612868-16	0	0.12900	0.12500	mg/kg		103		70 - 130	
		Matrix Spike Duplicate	0612868-16	0	0.12549	0.12500	mg/kg	3.0	100	20	70 - 130	
Toluene	BPL0929	Matrix Spike	0612868-16	0	0.12887	0.12500	mg/kg		103		70 - 130	
		Matrix Spike Duplicate	0612868-16	0	0.12602	0.12500	mg/kg	2.0	101	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPL0929	Matrix Spike	0612868-16	ND	0.052160	0.050000	mg/kg		104		70 - 121	
		Matrix Spike Duplicate	0612868-16	ND	0.050900	0.050000	mg/kg		102		70 - 121	
Toluene-d8 (Surrogate)	BPL0929	Matrix Spike	0612868-16	ND	0.051590	0.050000	mg/kg		103		81 - 117	
		Matrix Spike Duplicate	0612868-16	ND	0.051870	0.050000	mg/kg		104		81 - 117	
4-Bromofluorobenzene (Surrogate)	BPL0929	Matrix Spike	0612868-16	ND	0.050620	0.050000	mg/kg		101		74 - 121	
		Matrix Spike Duplicate	0612868-16	ND	0.049450	0.050000	mg/kg		98.9		74 - 121	
Benzene	BPL1117	Matrix Spike	0612868-17	0	0.13038	0.12500	mg/kg		104		70 - 130	
		Matrix Spike Duplicate	0612868-17	0	0.13222	0.12500	mg/kg	1.9	106	20	70 - 130	
Toluene	BPL1117	Matrix Spike	0612868-17	0	0.12531	0.12500	mg/kg		100		70 - 130	
		Matrix Spike Duplicate	0612868-17	0	0.11739	0.12500	mg/kg	6.3	93.9	20	70 - 130	

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BPL1117	Matrix Spike	0612868-17	ND	0.052930	0.050000	mg/kg		106		70 - 121	
		Matrix Spike Duplicate	0612868-17	ND	0.052460	0.050000	mg/kg		105		70 - 121	
Toluene-d8 (Surrogate)	BPL1117	Matrix Spike	0612868-17	ND	0.050290	0.050000	mg/kg		101		81 - 117	
		Matrix Spike Duplicate	0612868-17	ND	0.050630	0.050000	mg/kg		101		81 - 117	
4-Bromofluorobenzene (Surrogate)	BPL1117	Matrix Spike	0612868-17	ND	0.051190	0.050000	mg/kg		102		74 - 121	
		Matrix Spike Duplicate	0612868-17	ND	0.049480	0.050000	mg/kg		99.0		74 - 121	

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BPL0919	BPL0919-BS1	LCS	25.490	25.000	0.50	ug/L	102		70 - 130		
Toluene	BPL0919	BPL0919-BS1	LCS	25.720	25.000	0.50	ug/L	103		70 - 130		
Trichloroethene	BPL0919	BPL0919-BS1	LCS	28.720	25.000	0.50	ug/L	115		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPL0919	BPL0919-BS1	LCS	9.9500	10.000		ug/L	99.5		76 - 114		
Toluene-d8 (Surrogate)	BPL0919	BPL0919-BS1	LCS	10.350	10.000		ug/L	104		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPL0919	BPL0919-BS1	LCS	9.9700	10.000		ug/L	99.7		86 - 115		
Benzene	BPL0929	BPL0929-BS1	LCS	0.12573	0.12500	0.0050	mg/kg	101		70 - 130		
Toluene	BPL0929	BPL0929-BS1	LCS	0.12392	0.12500	0.0050	mg/kg	99.1		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPL0929	BPL0929-BS1	LCS	0.051560	0.050000		mg/kg	103		70 - 121		
Toluene-d8 (Surrogate)	BPL0929	BPL0929-BS1	LCS	0.052030	0.050000		mg/kg	104		81 - 117		
4-Bromofluorobenzene (Surrogate)	BPL0929	BPL0929-BS1	LCS	0.049240	0.050000		mg/kg	98.5		74 - 121		
Benzene	BPL1117	BPL1117-BS1	LCS	0.13471	0.12500	0.0050	mg/kg	108		70 - 130		
Toluene	BPL1117	BPL1117-BS1	LCS	0.13135	0.12500	0.0050	mg/kg	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPL1117	BPL1117-BS1	LCS	0.052180	0.050000		mg/kg	104		70 - 121		
Toluene-d8 (Surrogate)	BPL1117	BPL1117-BS1	LCS	0.051440	0.050000		mg/kg	103		81 - 117		
4-Bromofluorobenzene (Surrogate)	BPL1117	BPL1117-BS1	LCS	0.050300	0.050000		mg/kg	101		74 - 121		

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Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Ethylbenzene	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Toluene	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Trichloroethene	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Total Xylenes	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
t-Amyl Methyl ether	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BPL0919	BPL0919-BLK1	ND	ug/L	10		
Diisopropyl ether	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Ethanol	BPL0919	BPL0919-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BPL0919	BPL0919-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BPL0919	BPL0919-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BPL0919	BPL0919-BLK1	98.7	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPL0919	BPL0919-BLK1	97.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPL0919	BPL0919-BLK1	105	%	86 - 115 (LCL - UCL)		
Benzene	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		
Toluene	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		

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Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Xylenes	BPL0929	BPL0929-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0010		
t-Butyl alcohol	BPL0929	BPL0929-BLK1	ND	mg/kg	0.20		
Diisopropyl ether	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0050		
Ethanol	BPL0929	BPL0929-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BPL0929	BPL0929-BLK1	ND	mg/kg	0.0010		
Total Purgeable Petroleum Hydrocarbons	BPL0929	BPL0929-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BPL0929	BPL0929-BLK1	106	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPL0929	BPL0929-BLK1	103	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPL0929	BPL0929-BLK1	94.1	%	74 - 121 (LCL - UCL)		
Benzene	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
Toluene	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BPL1117	BPL1117-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0010		
t-Butyl alcohol	BPL1117	BPL1117-BLK1	ND	mg/kg	0.20		
Diisopropyl ether	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0050		
Ethanol	BPL1117	BPL1117-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BPL1117	BPL1117-BLK1	ND	mg/kg	0.0010		
Total Purgeable Petroleum Hydrocarbons	BPL1117	BPL1117-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BPL1117	BPL1117-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPL1117	BPL1117-BLK1	101	%	81 - 117 (LCL - UCL)		

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Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 02/26/2007 11:32

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
4-Bromofluorobenzene (Surrogate)	BPL1117	BPL1117-BLK1	92.6	%	74 - 121 (LCL - UCL)		

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Secor	Project: 6390	**Reported:** 02/26/2007 11:32
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A53	Chromatogram not typical of gasoline.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
Z1	TPPH is due to chlorinated hydrocarbons only, PCE, TCE and Cis-1,2-DCE. There is no "gasoline" present.

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Is Data Valid? (circle)
YES
NO

Preservation Temperature (If Known)
5.4 °C

Secor Lab Validation Sheet

Project/Client: ConocoPhillips / 76 Service Station #6390
Project #: 77LB.01574.05.1222
Date of Validation: 2/13/07 **Date of Analysis:** 1/10-1/13/07 **Sample Date:** 1/2-1/4/07
Completed By: Jaime Ricci **Signature:** Jaime Ricci
Analytical Lab Used and Report # (if any): BC 0400272

		Circle/Highlight Yes or No
1.	Was the analysis the one requested?	Yes No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes No
5.	Were Laboratory blanks performed, if so, were they below non-detect?	Yes No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes No
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes No
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes No

If any answer is no, explain why and what corrective action was taken:

Two samples had surrogates below the LCL due to matrix interference verified by second extraction/analysis

BC LABORATORIES, INC.

Date of Report: 01/16/2007

Matthew Battin

Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 6390
BC Work Order: 0700272

Enclosed are the results of analyses for samples received by the laboratory on 01/08/2007 20:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Steven Bennett
Authorized Signature

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Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order # 450 7492123
ConocoPhillips AOC# 01574.00
DATE: 1-8-07
PAGE: 1 of 2

SAMPLING COMPANY: SECOR International, Inc	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 6390	GLOBAL ID NO.: T0608100632
ADDRESS: 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 402 South Delaware Street, San Mateo, CA	ConocoPhillips Manager: James Trotter
PROJECT CONTACT (Hardcopy or PDF Report to): Matthew Battin		EDF DELIVERABLE TO (RP or Designee): Matthew Battin	PHONE NO.: (916) 384-0742
TELEPHONE: (916) 384-0742	FAX: (916) 861-0430	E-MAIL: dbarclay@secor.com	E-MAIL: mbattin@secor.com
SAMPLER NAME(S) (Print): Matthew Battin	CONSULTANT PROJECT NUMBER: 77CP.01574.05.1222		LAB USE ONLY: # 07-00272

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSES

CHK BY OTD

DISTRIBUTION MF JRC TRH SUB-OUT ☐

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	TEMPERATURE ON RECEIPT C°
1	MW-7	MW7@6-6.5'	1/2/07	1225	Soil	1		X	
2	MW-7	MW7@11-11.5'	1/2/07	1235		1		X	
3	MW-7	MW7@16.5-17'	1/2/07	1245		1		X	
4	MW-7	MW7@18-18.5'	1/2/07	1300		1		X	
5	MW-7	MW7@21.5-22'	1/2/07	1310		1		X	
6	MW-7	MW7@26-26.5'	1/2/07	1345		1		X	
7	MW-9	MW9@6-6.5'	1/3/07	845		1		X	
8	MW-9	MW9@11-11.5'	1/3/07	851		1		X	
9	MW-9	MW9@16-16.5'	1/3/07	905		1		X	
10	MW-6	MW6@6-6.5'	1/3/07					X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 1-8-07	Time: 1450
Relinquished by: (Signature) Ross Dickey 1/8/07	Received by: (Signature)	Date: 1-8-07	Time: 1800
Relinquished by: (Signature)	Received by: (Signature)	Date: 1/8/07	Time: 2050

9/19/03 Revision

Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order # 4507492123
ConocoPhillips AOC# 01574.00
DATE: 1-8-07
PAGE: 2 of 2

SAMPLING COMPANY: SECOR International, Inc	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 6390	GLOBAL ID NO.: T0608100632
ADDRESS: 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 402 South Delaware Street, San Mateo, CA	ConocoPhillips Manager: James Trotter
PROJECT CONTACT (Hardcopy or PDF Report to): Matthew Battin		EDF DELIVERABLE TO (RP or Designee): Matthew Battin	PHONE NO.: (916) 384-0742
TELEPHONE: (916) 384-0742 / FAX: (916) 861-0430	E-MAIL: dbarclay@secor.com		E-MAIL: mbattin@secor.com
SAMPLER NAME(S) (Print): Matthew Battin	CONSULTANT PROJECT NUMBER: 77CP.01574.05.1222		LAB USE ONLY: # 07-00272

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSES

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	TEMPERATURE ON RECEIPT C°
11	MW-6	MW6@11-11.5'	1/3/07		Soil	1		X	
12	MW-6	MW6@16.5-17'	1/3/07			1		X	
13	MW-6	MW6@19.5-20'	1/3/07			1		X	
14	MW-8	MW8@6-6.5'	1/4/07	1149		1		X	
15	MW-8	MW8@11-11.5'	1/4/07	1154		1		X	
16	MW-8	MW8@13-13.5'	1/4/07	1159		1		X	
17	MW-8	MW8@17.5-18'	1/4/07	1209	X	1		X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 1-8-07	Time: 1450
Relinquished by: (Signature) Ross Dockray 1/8/07	Received by: (Signature)	Date: 1-8-07	Time: 1800
Relinquished by: (Signature)	Received by: (Signature)	Date: 1/8/07	Time: 2050

9/19/03 Revision

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 1 Of ___

Submission #: 07-00272 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R/W Emissivity _____
Temperature: 5.4 °C Container Sleeve
Thermometer ID: TH082

Date/Time 1/8/07
Analyst Init AMR

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Not all the samples were marked for analysis

Sample Numbering Completed By: AMR Date/Time: 1/9/07 0030

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 2 Of ___

Submission #: 07-00272 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R/W Emissivity _____
Temperature: 5.4 °C Container Sleeve
Thermometer ID: THOR2

Date/Time 1/8/07
Analyst Init AMK

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A			
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____
Sample Numbering Completed By: AMK Date/Time: 1/9/07 0030

BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0700272-01	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/02/2007 12:25	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-7@6-65	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-02	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/02/2007 12:35	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-7@11-11.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-03	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/02/2007 12:45	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-7@16.5-17	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-04	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/02/2007 13:00	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-7@18-18.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-05	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/02/2007 13:10	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-7@21.5-22	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:

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4100 Atlas Court • Bakersfield, CA 93308 • (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0700272-06	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/02/2007 13:45	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-7@26-26.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-07	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 08:45	Global ID: T0608100632
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-9@6-6.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-08	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 08:51	Global ID: T0608100632
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-9@11-11.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-09	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 09:05	Global ID: T0608100632
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-9@16-16.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-10	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 00:00	Global ID: T0608100632
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-6@6-6.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:

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Secor	Project: 6390	**Reported:** 01/16/2007 14:00
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0700272-11	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 00:00	Global ID: T0608100632
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-6@11-11.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-12	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 00:00	Global ID: T0608100632
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-6@16.5-17	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-13	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/03/2007 00:00	Global ID: T0608100632
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-6@19.5-20	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-14	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/04/2007 11:49	Global ID: T0608100632
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-8@6-6.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-15	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/04/2007 11:54	Global ID: T0608100632
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-8@11-11.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0700272-16	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/04/2007 11:59	Global ID: T0608100632
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-8@13-13.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:
0700272-17	**COC Number:**	---	**Receive Date:**	01/08/2007 20:50	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/04/2007 12:09	Global ID: T0608100632
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-8@17.5-18	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Matt Battin of SIRC			Cooler ID:

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-01 | **Client Sample Name:** 6390, MW-7, MW-7@6-65, 1/2/2007 12:25:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	95.4	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 03:40	TLF	MS-V2	1	BQA0407		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-02 | **Client Sample Name:** 6390, MW-7, MW-7@11-11.5, 1/2/2007 12:35:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	96.5	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	87.3	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 04:07	TLF	MS-V2	1	BQA0407		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-03 | **Client Sample Name:** 6390, MW-7, MW-7@16.5-17, 1/2/2007 12:45:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	97.5	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	92.4	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 04:34	TLF	MS-V2	1	BQA0407		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-04 | **Client Sample Name:** 6390, MW-7, MW-7@18-18.5, 1/2/2007 1:00:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	96.6	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	95.3	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:00	TLF	MS-V2	1	BQA0407		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-05 | **Client Sample Name:** 6390, MW-7, MW-7@21.5-22, 1/2/2007 1:10:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	98.8	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	93.8	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:27	TLF	MS-V2	1	BQA0407		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-06 | **Client Sample Name:** 6390, MW-7, MW-7@26-26.5, 1/2/2007 1:45:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	96.5	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	94.6	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 05:54	TLF	MS-V2	1	BQA0407		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-07 | **Client Sample Name:** 6390, MW-9, MW-9@6-6.5, 1/3/2007 8:45:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	92.2	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	94.3	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 06:21	TLF	MS-V2	1	BQA0407		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-08 | **Client Sample Name:** 6390, MW-9, MW-9@11-11.5, 1/3/2007 8:51:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407	ND	
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407		
Toluene-d8 (Surrogate)	95.8	%	81 - 117 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407		
4-Bromofluorobenzene (Surrogate)	95.5	%	74 - 121 (LCL - UCL)		EPA-8260	01/09/07	01/10/07 06:48	TLF	MS-V2	1	BQA0407		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-09 | **Client Sample Name:** 6390, MW-9, MW-9@16-16.5, 1/3/2007 9:05:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane-d4 (Surrogate)	89.5	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612		
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 18:46	DRS	MS-V3	1	BQA0612		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-10 | **Client Sample Name:** 6390, MW-6, MW-6@6-6.5, 1/3/2007 12:00:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane-d4 (Surrogate)	93.8	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612		
4-Bromofluorobenzene (Surrogate)	97.1	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 19:13	DRS	MS-V3	1	BQA0612		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-11 | **Client Sample Name:** 6390, MW-6, MW-6@11-11.5, 1/3/2007 12:00:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.18	mg/kg	0.12		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.12		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.12		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
Ethylbenzene	20	mg/kg	1.2		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.12		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
Toluene	32	mg/kg	1.2		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612	ND	A01
Total Xylenes	110	mg/kg	2.5		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
t-Butyl alcohol	ND	mg/kg	5.0		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
Diisopropyl ether	ND	mg/kg	0.12		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
Ethanol	ND	mg/kg	25		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612	ND	A01
Total Purgeable Petroleum Hydrocarbons	550	mg/kg	50		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	87.6	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612		
1,2-Dichloroethane-d4 (Surrogate)	66.4	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612		A20,S09
Toluene-d8 (Surrogate)	96.9	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612		
4-Bromofluorobenzene (Surrogate)	93.1	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:55	DRS	MS-V3	25	BQA0612		
4-Bromofluorobenzene (Surrogate)	97.8	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 03:07	DRS	MS-V3	250	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-12 | **Client Sample Name:** 6390, MW-6, MW-6@16.5-17, 1/3/2007 12:00:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Ethylbenzene	10	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Toluene	1.3	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Total Xylenes	38	mg/kg	0.50		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.050		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
t-Butyl alcohol	ND	mg/kg	10		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Diisopropyl ether	ND	mg/kg	0.25		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Ethanol	ND	mg/kg	50		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.050		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612	ND	A01
Total Purgeable Petroleum Hydrocarbons	1300	mg/kg	200		EPA-8260	01/15/07	01/15/07 19:58	DRS	MS-V3	1000	BQA0612	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	91.9	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612		
1,2-Dichloroethane-d4 (Surrogate)	69.3	%	70 - 121 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 19:58	DRS	MS-V3	1000	BQA0612		A20,S09
Toluene-d8 (Surrogate)	110	%	81 - 117 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 19:58	DRS	MS-V3	1000	BQA0612		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612		
4-Bromofluorobenzene (Surrogate)	108	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 02:14	DRS	MS-V3	50	BQA0612		
4-Bromofluorobenzene (Surrogate)	105	%	74 - 121 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 19:58	DRS	MS-V3	1000	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-13 | **Client Sample Name:** 6390, MW-6, MW-6@19.5-20, 1/3/2007 12:00:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.089	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
Ethylbenzene	10	mg/kg	0.25		EPA-8260	01/15/07	01/15/07 23:02	DRS	MS-V3	50	BQA0612	ND	A01
Methyl t-butyl ether	0.089	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
Toluene	2.7	mg/kg	0.25		EPA-8260	01/15/07	01/15/07 23:02	DRS	MS-V3	50	BQA0612	ND	A01
Total Xylenes	37	mg/kg	0.50		EPA-8260	01/15/07	01/15/07 23:02	DRS	MS-V3	50	BQA0612	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
t-Butyl alcohol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
Diisopropyl ether	ND	mg/kg	0.025		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
Ethanol	ND	mg/kg	5.0		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612	ND	A01
Total Purgeable Petroleum Hydrocarbons	310	mg/kg	200		EPA-8260	01/15/07	01/15/07 20:24	DRS	MS-V3	1000	BQA0612	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	78.8	%	70 - 121 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 20:24	DRS	MS-V3	1000	BQA0612		
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612		
1,2-Dichloroethane-d4 (Surrogate)	99.2	%	70 - 121 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 23:02	DRS	MS-V3	50	BQA0612		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 20:24	DRS	MS-V3	1000	BQA0612		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612		
Toluene-d8 (Surrogate)	112	%	81 - 117 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 23:02	DRS	MS-V3	50	BQA0612		
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 23:02	DRS	MS-V3	50	BQA0612		
4-Bromofluorobenzene (Surrogate)	105	%	74 - 121 (LCL - UCL)		EPA-8260	01/15/07	01/15/07 20:24	DRS	MS-V3	1000	BQA0612		
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:29	DRS	MS-V3	5	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-14 | **Client Sample Name:** 6390, MW-8, MW-8@6-6.5, 1/4/2007 11:49:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane-d4 (Surrogate)	90.6	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612		
4-Bromofluorobenzene (Surrogate)	99.1	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 19:40	DRS	MS-V3	1	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-15 | **Client Sample Name:** 6390, MW-8, MW-8@11-11.5, 1/4/2007 11:54:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.3	%	70 - 121	(LCL - UCL)	EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612		
Toluene-d8 (Surrogate)	102	%	81 - 117	(LCL - UCL)	EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612		
4-Bromofluorobenzene (Surrogate)	98.8	%	74 - 121	(LCL - UCL)	EPA-8260	01/12/07	01/12/07 23:10	DRS	MS-V3	1	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-16 | **Client Sample Name:** 6390, MW-8, MW-8@13-13.5, 1/4/2007 11:59:00AM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane-d4 (Surrogate)	90.0	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612		
4-Bromofluorobenzene (Surrogate)	97.4	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/12/07 23:36	DRS	MS-V3	1	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0700272-17 | **Client Sample Name:** 6390, MW-8, MW-8@17.5-18, 1/4/2007 12:09:00PM, Matt Battin

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
t-Butyl alcohol	ND	mg/kg	0.20		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	70 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612		
4-Bromofluorobenzene (Surrogate)	97.9	%	74 - 121 (LCL - UCL)		EPA-8260	01/12/07	01/13/07 00:03	DRS	MS-V3	1	BQA0612		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BQA0407	Matrix Spike	0612868-46	0	0.11817	0.12500	mg/kg		94.5		70 - 130	
		Matrix Spike Duplicate	0612868-46	0	0.11984	0.12500	mg/kg	1.5	95.9	20	70 - 130	
Toluene	BQA0407	Matrix Spike	0612868-46	0	0.12181	0.12500	mg/kg		97.4		70 - 130	
		Matrix Spike Duplicate	0612868-46	0	0.12223	0.12500	mg/kg	0.4	97.8	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQA0407	Matrix Spike	0612868-46	ND	0.051500	0.050000	mg/kg		103		70 - 121	
		Matrix Spike Duplicate	0612868-46	ND	0.051300	0.050000	mg/kg		103		70 - 121	
Toluene-d8 (Surrogate)	BQA0407	Matrix Spike	0612868-46	ND	0.049910	0.050000	mg/kg		99.8		81 - 117	
		Matrix Spike Duplicate	0612868-46	ND	0.049080	0.050000	mg/kg		98.2		81 - 117	
4-Bromofluorobenzene (Surrogate)	BQA0407	Matrix Spike	0612868-46	ND	0.051310	0.050000	mg/kg		103		74 - 121	
		Matrix Spike Duplicate	0612868-46	ND	0.053250	0.050000	mg/kg		106		74 - 121	
Benzene	BQA0612	Matrix Spike	0612868-61	0	0.12245	0.12500	mg/kg		98.0		70 - 130	
		Matrix Spike Duplicate	0612868-61	0	0.11709	0.12500	mg/kg	4.5	93.7	20	70 - 130	
Toluene	BQA0612	Matrix Spike	0612868-61	0	0.12677	0.12500	mg/kg		101		70 - 130	
		Matrix Spike Duplicate	0612868-61	0	0.11895	0.12500	mg/kg	5.9	95.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQA0612	Matrix Spike	0612868-61	ND	0.052540	0.050000	mg/kg		105		70 - 121	
		Matrix Spike Duplicate	0612868-61	ND	0.049620	0.050000	mg/kg		99.2		70 - 121	
Toluene-d8 (Surrogate)	BQA0612	Matrix Spike	0612868-61	ND	0.051650	0.050000	mg/kg		103		81 - 117	
		Matrix Spike Duplicate	0612868-61	ND	0.049280	0.050000	mg/kg		98.6		81 - 117	
4-Bromofluorobenzene (Surrogate)	BQA0612	Matrix Spike	0612868-61	ND	0.050680	0.050000	mg/kg		101		74 - 121	
		Matrix Spike Duplicate	0612868-61	ND	0.048520	0.050000	mg/kg		97.0		74 - 121	

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BQA0407	BQA0407-BS1	LCS	0.12400	0.12500	0.0050	mg/kg	99.2		70 - 130		
Toluene	BQA0407	BQA0407-BS1	LCS	0.11873	0.12500	0.0050	mg/kg	95.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQA0407	BQA0407-BS1	LCS	0.051730	0.050000		mg/kg	103		70 - 121		
Toluene-d8 (Surrogate)	BQA0407	BQA0407-BS1	LCS	0.047790	0.050000		mg/kg	95.6		81 - 117		
4-Bromofluorobenzene (Surrogate)	BQA0407	BQA0407-BS1	LCS	0.049800	0.050000		mg/kg	99.6		74 - 121		
Benzene	BQA0612	BQA0612-BS1	LCS	0.12363	0.12500	0.0050	mg/kg	98.9		70 - 130		
Toluene	BQA0612	BQA0612-BS1	LCS	0.13021	0.12500	0.0050	mg/kg	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQA0612	BQA0612-BS1	LCS	0.048150	0.050000		mg/kg	96.3		70 - 121		
Toluene-d8 (Surrogate)	BQA0612	BQA0612-BS1	LCS	0.052590	0.050000		mg/kg	105		81 - 117		
4-Bromofluorobenzene (Surrogate)	BQA0612	BQA0612-BS1	LCS	0.051950	0.050000		mg/kg	104		74 - 121		

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Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Matthew Battin

Reported: 01/16/2007 14:00

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
Toluene	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BQA0407	BQA0407-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0010		
t-Butyl alcohol	BQA0407	BQA0407-BLK1	ND	mg/kg	0.20		
Diisopropyl ether	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0050		
Ethanol	BQA0407	BQA0407-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BQA0407	BQA0407-BLK1	ND	mg/kg	0.0010		
Total Purgeable Petroleum Hydrocarbons	BQA0407	BQA0407-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BQA0407	BQA0407-BLK1	104	%	70 - 121	(LCL - UCL)	
Toluene-d8 (Surrogate)	BQA0407	BQA0407-BLK1	99.6	%	81 - 117	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BQA0407	BQA0407-BLK1	96.2	%	74 - 121	(LCL - UCL)	
Benzene	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
Toluene	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BQA0612	BQA0612-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0010		

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Secor	Project: 6390	**Reported:** 01/16/2007 14:00
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BQA0612	BQA0612-BLK1	ND	mg/kg	0.20		
Diisopropyl ether	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0050		
Ethanol	BQA0612	BQA0612-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BQA0612	BQA0612-BLK1	ND	mg/kg	0.0010		
Total Purgeable Petroleum Hydrocarbons	BQA0612	BQA0612-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BQA0612	BQA0612-BLK1	97.1	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQA0612	BQA0612-BLK1	101	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQA0612	BQA0612-BLK1	97.6	%	74 - 121 (LCL - UCL)		

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Secor	Project: 6390	**Reported:** 01/16/2007 14:00
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Is Data Valid? (circle)
YES
NO

Preservation Temperature (If Known)
4.4 °C

Secor Lab Validation Sheet

Project/Client: ConocoPhillips/ 76 Service Station #6390
Project #: 7716.0154.05.1222
Date of Validation: 2/13/07 **Date of Analysis:** 1/31/07 - 2/1/07 **Sample Date:** 1/26/07
Completed By: Jaime Ricci **Signature:** Jaime Ricci
Analytical Lab Used and Report # (if any): BC 0701089

		Circle/Highlight Yes or No
1.	Was the analysis the one requested?	Yes No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes No
5.	Were Laboratory blanks performed, if so, were they below non-detect?	Yes No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes No
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes No
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes No

If any answer is no, explain why and what corrective action was taken:

One sample had a surrogate below the LCL and a surrogate above the UCL.

BC LABORATORIES, INC.

Date of Report: 02/09/2007

Matthew Battin

Secor
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 6390
BC Work Order: 0701089

Enclosed are the results of analyses for samples received by the laboratory on 01/29/2007 21:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Steven Bennett
Authorized Signature

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Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS: 07-01089

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order #: 4507492123
ConocoPhillips AOC#: 01574.00

DATE: 1-26-07
PAGE: 1 of 1

SAMPLING COMPANY: SECOR International, Inc	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 6390	GLOBAL ID NO.: T0608100632
ADDRESS: 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 402 South Delaware Street, San Mateo, CA	ConocoPhillips Manager: James Trotter
PROJECT CONTACT (Hardcopy or PDF Report to): Matthew Battin		EDF DELIVERABLE TO (RP or Designee): Matthew Battin	PHONE NO.: (916) 384-0742
TELEPHONE: (916) 384-0742	FAX: (916) 861-0430	E-MAIL: mbattin@secor.com	E-MAIL: mbattin@secor.com
SAMPLER NAME(S) (Print): Richard Montrail	CONSULTANT PROJECT NUMBER: 77CP.01574.07.1222		LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

email a copy of the laboratory report to Anju Farfan at TRC,
afarfan@trcsolutions.com

REQUESTED ANALYSES

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B PCE	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
-1	MW-4	MW-4	1/26/07	1542	GW	3	X		40-mL VOAs, preserved with HCl
-2	MW-6	MW-6	1/26/07	1633	GW	3	X		40-mL VOAs, preserved with HCl
-3	MW-7	MW-7	1/26/07	1458	GW	3	X		40-mL VOAs, preserved with HCl
-4	MW-8	MW-8	1/26/07	1323	GW	3	X		40-mL VOAs, preserved with HCl
-5	MW-9	MW-9	1/26/07	1221	GW	3	X		40-mL VOAs, preserved with HCl
-6	QCTB	QCTB	1/24/07		DI	1	X		40-mL VOAs, preserved with HCl

CHK BY [signature] DISTRIBUTION SW SUB-OUT ☐

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature) [signature]	Received by: (Signature) Janice Hii	Date: 1/26/07	Time: 2100
Relinquished by: (Signature) Janice Hii	Received by: (Signature) Ross Dickey BC LABS	Date: 1/29/07	Time: 1140
Relinquished by: (Signature) Ross Dickey	Received by: (Signature) Ross Dickey 1/29/07	Date:	Time:

9/19/03 Revision

R C Reynolds 1-24-07 1800

R C Reynolds 1-29-07 2125

Teri Okafeni 1/29/07 2125

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 07-01089 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID B/W Temperature: 4.4 °C Thermometer ID: #98

Emissivity 0.95 Container VOAs

Date/Time 1/29/07 Analyst Init QTO

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK						ACL				
40ml VOA VIAL	A-3	A-3	A-3	A-3	A-3	"	"	"	"	"
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: QTO Date/Time: 1/29/07 2230

BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0701089-01	**COC Number:**	---	**Receive Date:**	01/29/2007 21:25	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/26/2007 15:42	Global ID: T0608100632
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Richard Montrouil of SIRC			Cooler ID:
0701089-02	**COC Number:**	---	**Receive Date:**	01/29/2007 21:25	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/26/2007 16:33	Global ID: T0608100632
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Richard Montrouil of SIRC			Cooler ID:
0701089-03	**COC Number:**	---	**Receive Date:**	01/29/2007 21:25	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/26/2007 14:58	Global ID: T0608100632
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Richard Montrouil of SIRC			Cooler ID:
0701089-04	**COC Number:**	---	**Receive Date:**	01/29/2007 21:25	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/26/2007 13:23	Global ID: T0608100632
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Richard Montrouil of SIRC			Cooler ID:
0701089-05	**COC Number:**	---	**Receive Date:**	01/29/2007 21:25	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/26/2007 12:21	Global ID: T0608100632
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Richard Montrouil of SIRC			Cooler ID:

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Secor	Project: 6390	**Reported:** 02/09/2007 12:56
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0701089-06	**COC Number:**	---	**Receive Date:**	01/29/2007 21:25	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	01/24/2007 00:00	Global ID: T0608100632
	Sampling Location:	QCTB	**Sample Depth:**	---	Matrix: W
	Sampling Point:	QCTB	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Richard Montrouil of SIRC			Cooler ID:

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BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0701089-01 | **Client Sample Name:** 6390, MW-4, MW-4, 1/26/2007 3:42:00PM, Richard Montrouil

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	
Tetrachloroethene	83	ug/L	0.50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	02/01/07 13:52	MWB	MS-V9	1	BQA0984		

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BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0701089-02 | **Client Sample Name:** 6390, MW-6, MW-6, 1/26/2007 4:33:00PM, Richard Montrouil

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	380	ug/L	50		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984	ND	A01
Ethylbenzene	3600	ug/L	50		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984	ND	A01
Methyl t-butyl ether	62	ug/L	0.50		EPA-8260	01/30/07	01/30/07 23:59	MWB	MS-V9	1	BQA0984	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	01/30/07	01/30/07 23:59	MWB	MS-V9	1	BQA0984	ND	
Toluene	8600	ug/L	50		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984	ND	A01
Total Xylenes	17000	ug/L	50		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984	ND	A01
Total Purgeable Petroleum Hydrocarbons	67000	ug/L	5000		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/30/07 23:59	MWB	MS-V9	1	BQA0984		
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984		
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984		
Toluene-d8 (Surrogate)	93.5	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/30/07 23:59	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	86.6	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/30/07 23:59	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	97.3	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 19:53	MWB	MS-V9	100	BQA0984		

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BC LABORATORIES, INC.

Secor	Project: 6390	**Reported:** 02/09/2007 12:56
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0701089-03 | **Client Sample Name:** 6390, MW-7, MW-7, 1/26/2007 2:58:00PM, Richard Montrouil

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984	ND	
Tetrachloroethene	100	ug/L	5.0		EPA-8260	01/30/07	01/31/07 16:28	MWB	MS-V9	10	BQA0984	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984		
1,2-Dichloroethane-d4 (Surrogate)	183	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 16:28	MWB	MS-V9	10	BQA0984		S09
Toluene-d8 (Surrogate)	106	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 16:28	MWB	MS-V9	10	BQA0984		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	81.1	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 16:28	MWB	MS-V9	10	BQA0984		S09
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 13:25	MWB	MS-V9	1	BQA0984		

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BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0701089-04 | **Client Sample Name:** 6390, MW-8, MW-8, 1/26/2007 1:23:00PM, Richard Montrouil

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	
Tetrachloroethene	26	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984		
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 13:51	MWB	MS-V9	1	BQA0984		

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BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0701089-05 | **Client Sample Name:** 6390, MW-9, MW-9, 1/26/2007 12:21:00PM, Richard Montrouil

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	
Tetrachloroethene	10	ug/L	0.50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	
Total Xylenes	0.73	ug/L	0.50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 12:34	MWB	MS-V9	1	BQA0984		

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Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0701089-06 | **Client Sample Name:** 6390, QCTB, QCTB, 1/24/2007 12:00:00AM, Richard Montrouil

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	01/30/07	01/31/07 07:39	MWB	MS-V9	1	BQA0984		

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BC LABORATORIES, INC.

Secor	Project: 6390	**Reported:** 02/09/2007 12:56
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BQA0984	Matrix Spike	0700958-01	0	25.370	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0700958-01	0	25.360	25.000	ug/L	0	101	20	70 - 130	
Toluene	BQA0984	Matrix Spike	0700958-01	0	26.530	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0700958-01	0	26.640	25.000	ug/L	0.9	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQA0984	Matrix Spike	0700958-01	ND	11.260	10.000	ug/L		113		76 - 114	
		Matrix Spike Duplicate	0700958-01	ND	11.170	10.000	ug/L		112		76 - 114	
Toluene-d8 (Surrogate)	BQA0984	Matrix Spike	0700958-01	ND	10.380	10.000	ug/L		104		88 - 110	
		Matrix Spike Duplicate	0700958-01	ND	10.340	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQA0984	Matrix Spike	0700958-01	ND	10.340	10.000	ug/L		103		86 - 115	
		Matrix Spike Duplicate	0700958-01	ND	10.100	10.000	ug/L		101		86 - 115	

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BC LABORATORIES, INC.

Secor	Project: 6390	**Reported:** 02/09/2007 12:56
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BQA0984	BQA0984-BS1	LCS	25.140	25.000	0.50	ug/L	101		70 - 130		
Toluene	BQA0984	BQA0984-BS1	LCS	26.390	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQA0984	BQA0984-BS1	LCS	10.800	10.000		ug/L	108		76 - 114		
Toluene-d8 (Surrogate)	BQA0984	BQA0984-BS1	LCS	10.100	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQA0984	BQA0984-BS1	LCS	10.130	10.000		ug/L	101		86 - 115		

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BC LABORATORIES, INC.

Secor 3017 Kilgore Rd. #100 Rancho Cordova, CA 95670	Project: 6390 Project Number: [none] Project Manager: Matthew Battin	**Reported:** 02/09/2007 12:56

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BQA0984	BQA0984-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQA0984	BQA0984-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQA0984	BQA0984-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BQA0984	BQA0984-BLK1	ND	ug/L	0.50		
Toluene	BQA0984	BQA0984-BLK1	ND	ug/L	0.50		
Total Xylenes	BQA0984	BQA0984-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BQA0984	BQA0984-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQA0984	BQA0984-BLK1	111	%	76 - 114	(LCL - UCL)	
Toluene-d8 (Surrogate)	BQA0984	BQA0984-BLK1	101	%	88 - 110	(LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BQA0984	BQA0984-BLK1	99.4	%	86 - 115	(LCL - UCL)	

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Secor	Project: 6390	**Reported:** 02/09/2007 12:56
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Matthew Battin	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
Z1	Tetrachloroethene was subtracted from the Gasoline Range TPH

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0701341A

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	
DATE RECEIVED:	01/23/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/02/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-1	Modified TO-14A	2.5 "Hg
02A	VP-2	Modified TO-14A	1.0 "Hg
03A	VP-3	Modified TO-14A	3.0 "Hg
03AA	VP-3 Duplicate	Modified TO-14A	3.0 "Hg
04A	Lab Blank	Modified TO-14A	NA
05A	CCV	Modified TO-14A	NA
06A	LCS	Modified TO-14A	NA

CERTIFIED BY: Linda J. Fruman DATE: 02/05/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-14A
Secor
Workorder# 0701341A

Three 6 Liter Summa Canister samples were received on January 23, 2007. The laboratory performed analysis via modified EPA Method TO-14A using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-14A***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Initial Calibration criteria	RSD<30%	RSD</=30%, two compounds allowed up to 40%
BFB absolute abundance criteria	Within 10% of that from previous day	CCV internal standard area counts are compared to ICAL, corrective action for > 40% D
Blank acceptance criteria	<0.20 ppbv	<Reporting Limit
Moisture control	Nafion Dryer	Multisorbent trap
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

The Chain of Custody was not relinquished properly. The discrepancy was noted in the Sample Receipt Confirmation email/fax.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

Client Sample ID: VP-1

Lab ID#: 0701341A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.73	4.3	2.8	16
m,p-Xylene	0.73	1.9	3.2	8.2

Client Sample ID: VP-2

Lab ID#: 0701341A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.70	0.92	2.6	3.4
Ethyl Benzene	0.70	0.73	3.0	3.2
m,p-Xylene	0.70	0.80	3.0	3.5
o-Xylene	0.70	3.0	3.0	13

Client Sample ID: VP-3

Lab ID#: 0701341A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.74	3.4	2.8	13
Ethyl Benzene	0.74	3.3	3.2	14
m,p-Xylene	0.74	9.6	3.2	42
o-Xylene	0.74	6.7	3.2	29

Client Sample ID: VP-3 Duplicate

Lab ID#: 0701341A-03AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.74	3.4	2.8	13
Ethyl Benzene	0.74	3.4	3.2	15
m,p-Xylene	0.74	9.9	3.2	43
o-Xylene	0.74	6.9	3.2	30

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1

Lab ID#: 0701341A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012415**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.46**	**Date of Analysis: 1/24/07 08:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.9	Not Detected	5.5	Not Detected
2-Propanol	2.9	Not Detected	7.2	Not Detected
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
Benzene	0.73	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.73	Not Detected	3.0	Not Detected
Toluene	0.73	4.3	2.8	16
1,2-Dibromoethane (EDB)	0.73	Not Detected	5.6	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	1.9	3.2	8.2
o-Xylene	0.73	Not Detected	3.2	Not Detected
1,3-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.73	Not Detected	4.4	Not Detected
tert-Amyl methyl ether	2.9	Not Detected	12	Not Detected
Ethyl-tert-butyl ether	2.9	Not Detected	12	Not Detected
tert-Butyl alcohol	7.3	Not Detected	22	Not Detected
Isopropyl ether	2.9	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2

Lab ID#: 0701341A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012416**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 1/24/07 09:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.8	Not Detected	5.2	Not Detected
2-Propanol	2.8	Not Detected	6.8	Not Detected
Methyl tert-butyl ether	0.70	Not Detected	2.5	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Toluene	0.70	0.92	2.6	3.4
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Ethyl Benzene	0.70	0.73	3.0	3.2
m,p-Xylene	0.70	0.80	3.0	3.5
o-Xylene	0.70	3.0	3.0	13
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
tert-Amyl methyl ether	2.8	Not Detected	12	Not Detected
Ethyl-tert-butyl ether	2.8	Not Detected	12	Not Detected
tert-Butyl alcohol	7.0	Not Detected	21	Not Detected
Isopropyl ether	2.8	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3

Lab ID#: 0701341A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012417**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 1/24/07 09:50 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	3.0	Not Detected	5.6	Not Detected
2-Propanol	3.0	Not Detected	7.3	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
Benzene	0.74	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Toluene	0.74	3.4	2.8	13
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Ethyl Benzene	0.74	3.3	3.2	14
m,p-Xylene	0.74	9.6	3.2	42
o-Xylene	0.74	6.7	3.2	29
1,3-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
tert-Amyl methyl ether	3.0	Not Detected	12	Not Detected
Ethyl-tert-butyl ether	3.0	Not Detected	12	Not Detected
tert-Butyl alcohol	7.4	Not Detected	22	Not Detected
Isopropyl ether	3.0	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3 Duplicate

Lab ID#: 0701341A-03AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012418**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 1/24/07 10:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	3.0	Not Detected	5.6	Not Detected
2-Propanol	3.0	Not Detected	7.3	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
Benzene	0.74	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Toluene	0.74	3.4	2.8	13
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Ethyl Benzene	0.74	3.4	3.2	15
m,p-Xylene	0.74	9.9	3.2	43
o-Xylene	0.74	6.9	3.2	30
1,3-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.5	Not Detected
tert-Amyl methyl ether	3.0	Not Detected	12	Not Detected
Ethyl-tert-butyl ether	3.0	Not Detected	12	Not Detected
tert-Butyl alcohol	7.4	Not Detected	22	Not Detected
Isopropyl ether	3.0	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0701341A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012409**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/24/07 02:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.0	Not Detected	3.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
tert-Amyl methyl ether	2.0	Not Detected	8.4	Not Detected
Ethyl-tert-butyl ether	2.0	Not Detected	8.4	Not Detected
tert-Butyl alcohol	5.0	Not Detected	15	Not Detected
Isopropyl ether	2.0	Not Detected	8.4	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0701341A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/24/07 08:24 AM**	

Compound	**%Recovery**
Ethanol	100
2-Propanol	98
Methyl tert-butyl ether	104
Benzene	99
1,2-Dichloroethane	105
Toluene	102
1,2-Dibromoethane (EDB)	102
Ethyl Benzene	99
m,p-Xylene	100
o-Xylene	100
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	100
tert-Amyl methyl ether	107
Ethyl-tert-butyl ether	109
tert-Butyl alcohol	110
Isopropyl ether	108

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0701341A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t012403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/24/07 09:09 AM**	

Compound	%Recovery
Ethanol	64
2-Propanol	94
Methyl tert-butyl ether	98
Benzene	93
1,2-Dichloroethane	96
Toluene	92
1,2-Dibromoethane (EDB)	97
Ethyl Benzene	92
m,p-Xylene	98
o-Xylene	94
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	97
tert-Amyl methyl ether	Not Spiked
Ethyl-tert-butyl ether	Not Spiked
tert-Butyl alcohol	Not Spiked
Isopropyl ether	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0701341B

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	
DATE RECEIVED:	01/23/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/02/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-1	Modified TO-3	2.5 "Hg
02A	VP-2	Modified TO-3	1.0 "Hg
03A	VP-3	Modified TO-3	3.0 "Hg
04A	Lab Blank	Modified TO-3	NA
05A	LCS	Modified TO-3	NA

CERTIFIED BY: Linda D. Frumarn DATE: 02/05/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
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LABORATORY NARRATIVE
Modified TO-3
Secor
Workorder# 0701341B

Three 6 Liter Summa Canister samples were received on January 23, 2007. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system. The TPH (Gasoline Range) results are calculated using the response factor of Gasoline and correspond to the range of hydrocarbons from C5 to C10. A molecular weight of 100 is used to convert the TPH (Gasoline Range) ppmv result to ug/L.

See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-3***	***ATL Modifications***
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch </= 20 samples
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation DL = A+3.3S, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

The Chain of Custody was not relinquished properly. The discrepancy was noted in the Sample Receipt Confirmation email/fax.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: VP-1

Lab ID#: 0701341B-01A

No Detections Were Found.

Client Sample ID: VP-2

Lab ID#: 0701341B-02A

No Detections Were Found.

Client Sample ID: VP-3

Lab ID#: 0701341B-03A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.037	0.15	0.18	0.75

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1

Lab ID#: 0701341B-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d012510**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.46**	**Date of Analysis: 1/25/07 02:25 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.036	0.15	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	117	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2

Lab ID#: 0701341B-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d012511**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 1/25/07 02:58 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.035	0.14	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	105	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3

Lab ID#: 0701341B-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d012512**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 1/25/07 03:31 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.037	0.15	0.18	0.75

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	111	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0701341B-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d012506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/25/07 11:41 AM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.025	0.10	Not Detected	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	103	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0701341B-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d012515**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/25/07 07:59 PM**	

Compound	**%Recovery**
TPH (Gasoline Range)	104

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	118	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0701341C

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	
DATE RECEIVED:	01/23/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/05/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-1	Modified ASTM D-1946	2.5 "Hg
02A	VP-2	Modified ASTM D-1946	1.0 "Hg
02AA	VP-2 Duplicate	Modified ASTM D-1946	1.0 "Hg
03A	VP-3	Modified ASTM D-1946	3.0 "Hg
04A	Lab Blank	Modified ASTM D-1946	NA
05A	LCS	Modified ASTM D-1946	NA

CERTIFIED BY: Linda D. Fruman DATE: 02/05/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified ASTM D-1946
Secor
Workorder# 0701341C

Three 6 Liter Summa Canister samples were received on January 23, 2007. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples include:

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

The Chain of Custody was not relinquished properly. The discrepancy was noted in the Sample Receipt Confirmation email/fax.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: VP-1

Lab ID#: 0701341C-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.15	22
Carbon Dioxide	0.015	0.46

Client Sample ID: VP-2

Lab ID#: 0701341C-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.14	22
Carbon Dioxide	0.014	0.63

Client Sample ID: VP-2 Duplicate

Lab ID#: 0701341C-02AA

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.14	22
Carbon Dioxide	0.014	0.64

Client Sample ID: VP-3

Lab ID#: 0701341C-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.15	21
Carbon Dioxide	0.015	0.98

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1

Lab ID#: 0701341C-01A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**9012420**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.46**	**Date of Analysis: 1/24/07 03:38 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.15	22
Methane	0.00015	Not Detected
Carbon Dioxide	0.015	0.46

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2

Lab ID#: 0701341C-02A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**9012421**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 1/24/07 03:59 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.14	22
Methane	0.00014	Not Detected
Carbon Dioxide	0.014	0.63

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2 Duplicate

Lab ID#: 0701341C-02AA

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**9012422**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 1/24/07 04:22 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.14	22
Methane	0.00014	Not Detected
Carbon Dioxide	0.014	0.64

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3

Lab ID#: 0701341C-03A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**9012423**	**Date of Collection: 1/19/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 1/24/07 05:06 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.15	21
Methane	0.00015	Not Detected
Carbon Dioxide	0.015	0.98

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0701341C-04A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**9012402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/24/07 08:58 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.10	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0701341C-05A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**9012430**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/24/07 08:34 PM**	

Compound	%Recovery
Oxygen	100
Methane	98
Carbon Dioxide	103

Container Type: NA - Not Applicable

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Matthew Bathin

Collected by: (Print and Sign) Matthew Bathin

Company SECOR International Email mbathin@secor.com

Address 3017 Kilgore Road City Rancho Cordova State CA Zip 95670

Phone (916)861-0400 Fax (916) 861-0430

Project Info:
P.O. # 7128.01574.05.2040
Project #
Project Name

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFR
Date: 1/23/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt Final (psi)
01A	VP-1	3515 (AS)	1/19/07	1214	TO-14A, TO-3, ASTM D-1946	-30.5	-4.1	2.5"Hg 5.0psi
02A	VP-2	2613	1/19/07	1221	TO-14A, TO-3, ASTM D-1946	-30.5	-3.0	1.0"Hg ↓
03A	VP-3	9543	1/19/07	1206	TO-14A, TO-3, ASTM D-1946	-30.5	-4.0	3.0"Hg ↓
	PURGE-1	2014	1/19/07	1213	NONE	-30.5	-4.5	
	PURGE-2	9573	1/19/07	1225	NONE	-30.5	-2.25	
	PURGE-3	2010	1/19/07	1209	NONE	-30.5	-3.0	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Matthew Bathin	1/22/06 0900	T. Laflash-Air	1/23/07 0835
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	7985 9027 3836	N/A	good	Yes No (None)	0701341

Form 283 rev.1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702149A

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	CP 6390
DATE RECEIVED:	02/08/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/21/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-1	Modified TO-14A	0.0 "Hg
02A	VP-2	Modified TO-14A	1.0 "Hg
03A	VP-3	Modified TO-14A	1.0 "Hg
04A	Lab Blank	Modified TO-14A	NA
04B	Lab Blank	Modified TO-14A	NA
05A	CCV	Modified TO-14A	NA
05B	CCV	Modified TO-14A	NA
06A	LCS	Modified TO-14A	NA
06B	LCS	Modified TO-14A	NA

CERTIFIED BY: Linda J. Fruman DATE: 02/22/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-14A
Secor
Workorder# 0702149A

Three 6 Liter Summa Canister samples were received on February 08, 2007. The laboratory performed analysis via modified EPA Method TO-14A using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-14A***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Initial Calibration criteria	RSD<30%	RSD</=30%, two compounds allowed up to 40%
BFB absolute abundance criteria	Within 10% of that from previous day	CCV internal standard area counts are compared to ICAL, corrective action for > 40% D
Blank acceptance criteria	<0.20 ppbv	<Reporting Limit
Moisture control	Nafion Dryer	Multisorbent trap
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

Client Sample ID: VP-1

Lab ID#: 0702149A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.67	1.4	2.5	5.4
m,p-Xylene	0.67	1.4	2.9	6.3
o-Xylene	0.67	0.80	2.9	3.5

Client Sample ID: VP-2

Lab ID#: 0702149A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
o-Xylene	0.70	1.4	3.0	6.3

Client Sample ID: VP-3

Lab ID#: 0702149A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	2.8	5.0	6.8	12
Toluene	0.70	0.98	2.6	3.7
Ethyl Benzene	0.70	1.3	3.0	5.8
m,p-Xylene	0.70	1.8	3.0	7.8
o-Xylene	0.70	2.8	3.0	12

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1

Lab ID#: 0702149A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021424**	**Date of Collection:**	**2/1/07**
Dil. Factor:	**1.34**	**Date of Analysis:**	**2/15/07 05:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.7	Not Detected	5.0	Not Detected
2-Propanol	2.7	Not Detected	6.6	Not Detected
Methyl tert-butyl ether	0.67	Not Detected	2.4	Not Detected
Benzene	0.67	Not Detected	2.1	Not Detected
1,2-Dichloroethane	0.67	Not Detected	2.7	Not Detected
Toluene	0.67	1.4	2.5	5.4
1,2-Dibromoethane (EDB)	0.67	Not Detected	5.1	Not Detected
Ethyl Benzene	0.67	Not Detected	2.9	Not Detected
m,p-Xylene	0.67	1.4	2.9	6.3
o-Xylene	0.67	0.80	2.9	3.5
1,3-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
1,4-Dichlorobenzene	0.67	Not Detected	4.0	Not Detected
tert-Amyl methyl ether	2.7	Not Detected	11	Not Detected
Ethyl-tert-butyl ether	2.7	Not Detected	11	Not Detected
tert-Butyl alcohol	6.7	Not Detected	20	Not Detected
Isopropyl ether	2.7	Not Detected	11	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	128	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2

Lab ID#: 0702149A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021425**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/15/07 06:09 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.8	Not Detected	5.2	Not Detected
2-Propanol	2.8	Not Detected	6.8	Not Detected
Methyl tert-butyl ether	0.70	Not Detected	2.5	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	0.70	Not Detected	3.0	Not Detected
o-Xylene	0.70	1.4	3.0	6.3
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
tert-Amyl methyl ether	2.8	Not Detected	12	Not Detected
Ethyl-tert-butyl ether	2.8	Not Detected	12	Not Detected
tert-Butyl alcohol	7.0	Not Detected	21	Not Detected
Isopropyl ether	2.8	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	130	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3

Lab ID#: 0702149A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021523**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/16/07 01:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.8	Not Detected	5.2	Not Detected
2-Propanol	2.8	5.0	6.8	12
Methyl tert-butyl ether	0.70	Not Detected	2.5	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Toluene	0.70	0.98	2.6	3.7
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Ethyl Benzene	0.70	1.3	3.0	5.8
m,p-Xylene	0.70	1.8	3.0	7.8
o-Xylene	0.70	2.8	3.0	12
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
tert-Amyl methyl ether	2.8	Not Detected	12	Not Detected
Ethyl-tert-butyl ether	2.8	Not Detected	12	Not Detected
tert-Butyl alcohol	7.0	Not Detected	21	Not Detected
Isopropyl ether	2.8	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702149A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/14/07 02:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.0	Not Detected	3.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
tert-Amyl methyl ether	2.0	Not Detected	8.4	Not Detected
Ethyl-tert-butyl ether	2.0	Not Detected	8.4	Not Detected
tert-Butyl alcohol	5.0	Not Detected	15	Not Detected
Isopropyl ether	2.0	Not Detected	8.4	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702149A-04B

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021512**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/15/07 04:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.0	Not Detected	3.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
tert-Amyl methyl ether	2.0	Not Detected	8.4	Not Detected
Ethyl-tert-butyl ether	2.0	Not Detected	8.4	Not Detected
tert-Butyl alcohol	5.0	Not Detected	15	Not Detected
Isopropyl ether	2.0	Not Detected	8.4	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0702149A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/14/07 09:19 AM**	

Compound	%Recovery
Ethanol	94
2-Propanol	98
Methyl tert-butyl ether	89
Benzene	90
1,2-Dichloroethane	123
Toluene	96
1,2-Dibromoethane (EDB)	101
Ethyl Benzene	95
m,p-Xylene	97
o-Xylene	94
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	99
tert-Amyl methyl ether	102
Ethyl-tert-butyl ether	103
tert-Butyl alcohol	104
Isopropyl ether	111

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0702149A-05B

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021508**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/15/07 01:04 PM**	

Compound	%Recovery
Ethanol	92
2-Propanol	93
Methyl tert-butyl ether	78
Benzene	89
1,2-Dichloroethane	115
Toluene	93
1,2-Dibromoethane (EDB)	108
Ethyl Benzene	97
m,p-Xylene	97
o-Xylene	97
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	107
tert-Amyl methyl ether	89
Ethyl-tert-butyl ether	89
tert-Butyl alcohol	89
Isopropyl ether	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702149A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/14/07 11:08 AM**	

Compound	%Recovery
Ethanol	77
2-Propanol	96
Methyl tert-butyl ether	89
Benzene	92
1,2-Dichloroethane	110
Toluene	97
1,2-Dibromoethane (EDB)	96
Ethyl Benzene	93
m,p-Xylene	101
o-Xylene	95
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	103
tert-Amyl methyl ether	Not Spiked
Ethyl-tert-butyl ether	Not Spiked
tert-Butyl alcohol	Not Spiked
Isopropyl ether	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702149A-06B

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021509**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/15/07 01:56 PM**	

Compound	%Recovery
Ethanol	74
2-Propanol	90
Methyl tert-butyl ether	79
Benzene	92
1,2-Dichloroethane	112
Toluene	93
1,2-Dibromoethane (EDB)	103
Ethyl Benzene	93
m,p-Xylene	100
o-Xylene	94
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	105
tert-Amyl methyl ether	Not Spiked
Ethyl-tert-butyl ether	Not Spiked
tert-Butyl alcohol	Not Spiked
Isopropyl ether	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702149B

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	CP 6390
DATE RECEIVED:	02/08/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/22/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-1	Modified TO-3	0.0 "Hg
02A	VP-2	Modified TO-3	1.0 "Hg
03A	VP-3	Modified TO-3	1.0 "Hg
03AA	VP-3 Duplicate	Modified TO-3	1.0 "Hg
04A	Lab Blank	Modified TO-3	NA
05A	LCS	Modified TO-3	NA

CERTIFIED BY: Linda J. Fruman DATE: 02/22/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-3
Secor
Workorder# 0702149B

Three 6 Liter Summa Canister samples were received on February 08, 2007. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system. The TPH (Gasoline Range) results are calculated using the response factor of Gasoline and correspond to the range of hydrocarbons from C5 to C10. A molecular weight of 100 is used to convert the TPH (Gasoline Range) ppmv result to ug/L. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-3***	***ATL Modifications***
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch </= 20 samples
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation DL = A+3.3S, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: VP-1

Lab ID#: 0702149B-01A

No Detections Were Found.

Client Sample ID: VP-2

Lab ID#: 0702149B-02A

No Detections Were Found.

Client Sample ID: VP-3

Lab ID#: 0702149B-03A

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.035	0.14	0.066	0.27

Client Sample ID: VP-3 Duplicate

Lab ID#: 0702149B-03AA

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.035	0.14	0.068	0.28

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1

Lab ID#: 0702149B-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021311**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.34**	**Date of Analysis: 2/13/07 03:01 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.034	0.14	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	102	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2

Lab ID#: 0702149B-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021312**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/13/07 03:35 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.035	0.14	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	109	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3

Lab ID#: 0702149B-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021313**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/13/07 04:10 PM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.035	0.14	0.066	0.27

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	109	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3 Duplicate

Lab ID#: 0702149B-03AA

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021314**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/13/07 04:59 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.035	0.14	0.068	0.28

Container Type: 6 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	101	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702149B-04A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/13/07 08:39 AM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.025	0.10	Not Detected	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	102	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702149B-05A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021322**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/13/07 10:18 PM**	

Compound	**%Recovery**
TPH (Gasoline Range)	88

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	121	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702149C

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	CP 6390
DATE RECEIVED:	02/08/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/13/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VP-1	Modified ASTM D-1946	0.0 "Hg
02A	VP-2	Modified ASTM D-1946	1.0 "Hg
03A	VP-3	Modified ASTM D-1946	1.0 "Hg
04A	Lab Blank	Modified ASTM D-1946	NA
05A	LCS	Modified ASTM D-1946	NA

CERTIFIED BY: Linda D. Fruman DATE: 02/22/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
Secor
Workorder# 0702149C

Three 6 Liter Summa Canister samples were received on February 08, 2007. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane in air using GC/FID. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples include:

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: VP-1

Lab ID#: 0702149C-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.13	21
Carbon Dioxide	0.013	0.52

Client Sample ID: VP-2

Lab ID#: 0702149C-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.14	21
Carbon Dioxide	0.014	0.55

Client Sample ID: VP-3

Lab ID#: 0702149C-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.14	20
Carbon Dioxide	0.014	1.0

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-1

Lab ID#: 0702149C-01A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3020922**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.34**	**Date of Analysis: 2/9/07 06:16 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.13	21
Methane	0.00013	Not Detected
Carbon Dioxide	0.013	0.52

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-2

Lab ID#: 0702149C-02A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3020923**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/9/07 06:37 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.14	21
Methane	0.00014	Not Detected
Carbon Dioxide	0.014	0.55

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VP-3

Lab ID#: 0702149C-03A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3020924**	**Date of Collection: 2/1/07**	
Dil. Factor:	**1.39**	**Date of Analysis: 2/9/07 06:57 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.14	20
Methane	0.00014	Not Detected
Carbon Dioxide	0.014	1.0

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702149C-04A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3020902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/9/07 10:31 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.10	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702149C-05A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3020925**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/9/07 07:22 PM**	

Compound	%Recovery
Oxygen	101
Methane	91
Carbon Dioxide	86

Container Type: NA - Not Applicable

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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Project Manager Matthew Bathin
Collected by: (Print and Sign) Soime Rice Jaime Rice
Company SECOR Email mbathin@secorlcom
Address 3017 Kilgore Rd. #100 City Rancho Cordova State CA Zip 95670
Phone (916) 861-0400 Fax (916) 861-0430

Project Info:
P.O. # TTCP 01574.05 2010
Project # ~~CP639~~ 5E
Project Name CP 639D

Turn Around Time:
☒ Normal
☐ Rush
specify

Canister Only
Pressurized by: SZ
Date: 2/9/07
Preconcentrator Gas: N He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
01A	VP-1	3249	2/1/07	1310	TO-14A, TO-3, ASTM D-1946	-30.5	-2.25		
02A	VP-2	3115	2/1/07	1133	TO-14A, TO-3, ASTM D-1946	-30.5	-4		
03A	VP-3	3439	2/1/07	1119	TO-14A, TO-3, ASTM D-1946	-30.5	-3.0		
	Purge 1	10	2/1/07	1313	NONE	-30.25			
	Purge 2	1006	2/1/07	1136	NONE	-30.5	-3.5		
	Purge 3	5149	2/1/07	1128	NONE	-30.5	-4		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Jaime Rice	2/8/07 1600	Monica Higgins AIR	2/8/07 845
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	7912 2704 2973	NA	Good	Yes No None	0702149C

Form 1259 rev.1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702150A

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	CP 6390
DATE RECEIVED:	02/08/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/21/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SUBSLAB	Modified TO-14A	12.0 "Hg
02A	Lab Blank	Modified TO-14A	NA
03A	CCV	Modified TO-14A	NA
04A	LCS	Modified TO-14A	NA

CERTIFIED BY: Linda D. Frumarn DATE: 02/22/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-14A
Secor
Workorder# 0702150A

One 6 Liter Summa Canister sample was received on February 08, 2007. The laboratory performed analysis via modified EPA Method TO-14A using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-14A***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Initial Calibration criteria	RSD<30%	RSD</=30%, two compounds allowed up to 40%
BFB absolute abundance criteria	Within 10% of that from previous day	CCV internal standard area counts are compared to ICAL, corrective action for > 40% D
Blank acceptance criteria	<0.20 ppbv	<Reporting Limit
Moisture control	Nafion Dryer	Multisorbent trap
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

Client Sample ID: SUBSLAB

Lab ID#: 0702150A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Propanol	4.5	6.5	11	16

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SUBSLAB

Lab ID#: 0702150A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021607**	**Date of Collection:**	**2/6/07**
Dil. Factor:	**2.23**	**Date of Analysis:**	**2/16/07 02:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	4.5	Not Detected	8.4	Not Detected
2-Propanol	4.5	6.5	11	16
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.5	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.6	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
tert-Amyl methyl ether	4.5	Not Detected	19	Not Detected
Ethyl-tert-butyl ether	4.5	Not Detected	19	Not Detected
tert-Butyl alcohol	11	Not Detected	34	Not Detected
Isopropyl ether	4.5	Not Detected	19	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702150A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/16/07 12:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	2.0	Not Detected	3.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
tert-Amyl methyl ether	2.0	Not Detected	8.4	Not Detected
Ethyl-tert-butyl ether	2.0	Not Detected	8.4	Not Detected
tert-Butyl alcohol	5.0	Not Detected	15	Not Detected
Isopropyl ether	2.0	Not Detected	8.4	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0702150A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/16/07 08:50 AM**	

Compound	%Recovery
Ethanol	102
2-Propanol	98
Methyl tert-butyl ether	79
Benzene	88
1,2-Dichloroethane	121
Toluene	92
1,2-Dibromoethane (EDB)	108
Ethyl Benzene	97
m,p-Xylene	100
o-Xylene	99
1,3-Dichlorobenzene	110
1,4-Dichlorobenzene	109
tert-Amyl methyl ether	93
Ethyl-tert-butyl ether	92
tert-Butyl alcohol	93
Isopropyl ether	101

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	113	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702150A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**t021603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/16/07 09:34 AM**	

Compound	%Recovery
Ethanol	72
2-Propanol	92
Methyl tert-butyl ether	79
Benzene	90
1,2-Dichloroethane	112
Toluene	92
1,2-Dibromoethane (EDB)	103
Ethyl Benzene	94
m,p-Xylene	100
o-Xylene	95
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	106
tert-Amyl methyl ether	Not Spiked
Ethyl-tert-butyl ether	Not Spiked
tert-Butyl alcohol	Not Spiked
Isopropyl ether	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702150BR1

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	CP 6390
DATE RECEIVED:	02/08/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/20/2007		
DATE REISSUED:	02/23/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SUBSLAB	Modified TO-3	12.0 "Hg
02A	Lab Blank	Modified TO-3	NA
03A	LCS	Modified TO-3	NA

CERTIFIED BY: Linda D. Fruman DATE: 02/23/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-3
Secor
Workorder# 0702150BR1

One 6 Liter Summa Canister sample was received on February 08, 2007. The laboratory performed analysis for volatile organic compounds in air via modified EPA Method TO-3 using gas chromatography with flame ionization detection. The method involves concentrating up to 200 mL of sample. The concentrated aliquot is then dry purged to remove water vapor prior to entering the chromatographic system. The TPH (Gasoline Range) results are calculated using the response factor of Gasoline and correspond to the range of hydrocarbons from C5 to C10. A molecular weight of 100 is used to convert the TPH (Gasoline Range) ppmv result to ug/L.

See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-3***	***ATL Modifications***
Daily Calibration Standard Frequency	Prior to sample analysis and every 4 - 6 hrs	Prior to sample analysis and after the analytical batch </= 20 samples
Initial Calibration Calculation	4-point calibration using a linear regression model	5-point calibration using average Response Factor
Initial Calibration Frequency	Weekly	When daily calibration standard recovery is outside 75 - 125 %, or upon significant changes to procedure or instrumentation
Moisture Control	Nafion system	Sorbent system
Minimum Detection Limit (MDL)	Calculated using the equation DL = A+3.3S, where A is intercept of calibration line and S is the standard deviation of at least 3 reps of low level standard	40 CFR Pt. 136 App. B
Preparation of Standards	Levels achieved through dilution of gas mixture	Levels achieved through loading various volumes of the gas mixture

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

THE WORK ORDER WAS REISSUED ON FEBRUARY 23, 2007 TO CORRECT IDENTIFICATION OF THE SAMPLE SUBSLAB PER CLIENT'S REQUEST.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-3 GC/FID

Client Sample ID: SUBSLAB

Lab ID#: 0702150BR1-01A

No Detections Were Found.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SUBSLAB

Lab ID#: 0702150BR1-01A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021315**	**Date of Collection: 2/6/07**	
Dil. Factor:	**2.23**	**Date of Analysis: 2/13/07 05:40 PM**	

Compound	**Rpt. Limit (ppmv)**	**Rpt. Limit (uG/L)**	**Amount (ppmv)**	**Amount (uG/L)**
TPH (Gasoline Range)	0.056	0.23	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	105	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702150BR1-02A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/13/07 08:39 AM**	

Compound	Rpt. Limit (ppmv)	Rpt. Limit (uG/L)	Amount (ppmv)	Amount (uG/L)
TPH (Gasoline Range)	0.025	0.10	Not Detected	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorobenzene (FID)	102	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702150BR1-03A

MODIFIED EPA METHOD TO-3 GC/FID

File Name:	**d021322**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/13/07 10:18 PM**	

Compound	**%Recovery**
TPH (Gasoline Range)	88

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Fluorobenzene (FID)	121	75-150

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0702150C

Work Order Summary

CLIENT:	Matt Battin Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670	**BILL TO:**	Mr. Inez Scott Secor 3017 Kilgore Road Suite 100 Rancho Cordova, CA 95670
PHONE:	916-861-0400 x276	**P.O. #**	77CP.01574.05.2040
FAX:	916-861-0430	**PROJECT #**	CP 6390
DATE RECEIVED:	02/08/2007	**CONTACT:**	Sarah Nguyen
DATE COMPLETED:	02/13/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SUBSLAB	Modified ASTM D-1946	12.0 "Hg
02A	Lab Blank	Modified ASTM D-1946	NA
03A	LCS	Modified ASTM D-1946	NA

CERTIFIED BY: Linda D. Fruman DATE: 02/22/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified ASTM D-1946
Secor
Workorder# 0702150C

One 6 Liter Summa Canister sample was received on February 08, 2007. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane and fixed gases in air using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples include:

Requirement	***ASTM D-1946***	***ATL Modifications***
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a >/= 95% accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections > 5 X's the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:
B - Compound present in laboratory blank greater than reporting limit.
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the detection limit.
M - Reported value may be biased due to apparent matrix interferences.
File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

Client Sample ID: SUBSLAB

Lab ID#: 0702150C-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.22	20
Carbon Dioxide	0.022	1.7

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SUBSLAB

Lab ID#: 0702150C-01A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3021012**	**Date of Collection: 2/6/07**	
Dil. Factor:	**2.23**	**Date of Analysis: 2/10/07 02:01 PM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.22	20
Methane	0.00022	Not Detected
Carbon Dioxide	0.022	1.7

Container Type: 6 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0702150C-02A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3021004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/10/07 10:19 AM**	

Compound	**Rpt. Limit (%)**	**Amount (%)**
Oxygen	0.10	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0702150C-03A

MODIFIED NATURAL GAS ANALYSIS BY ASTM D-1946

File Name:	**3021025**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/10/07 08:14 PM**	

Compound	%Recovery
Oxygen	100
Methane	96
Carbon Dioxide	85

Container Type: NA - Not Applicable

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
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Project Manager Matthew Bolin
Collected by: (Print and Sign) Jaime Ricci Jaime Ricci
Company SELDIL Email mbolin@seldil.com
Address 5011 Gilmore Rd. #100 City Rancho Cordova State CA Zip 95670
Phone (916) 361-0400 Fax (916) 361-0430

Project Info:
P.O. # 7108.085M.05.2010
Project # ~~13639~~ JR
Project Name CP 6390

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab use only
Pressurized by: KB
Date: 2/18/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
01A	Sub Slab	2417	2/6/07	1036	TO-14A, TO-3, ASTM D-1946	-30.5	-13.5	12.4	5.0
	Purge Sub Slab	94608	2/6/07	1038	NONE	-30	-12.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Jaime Ricci	2/7/07 1600	Monica Cooper ATL	2/8/07 845
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	7912 2704 2973	N/A	Good	Yes No None	0702150B

Form 1290 rev 11

APPENDIX H
GEOTRACKER UPLOAD CONFIRMATION

Offsite Assessment Report
ConocoPhillips
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California
77CP.1574.05.1222
February 28, 2007

Electronic Submittal Information

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UPLOADING A GEO_BORE FILE

YOUR IMAGE UPLOAD WAS SUCCESSFUL!

Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**MW-6**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:21:18 AM**
Confirmation Number:	**3939771890**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**MW-7**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:22:11 AM**
Confirmation Number:	**9604817271**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**MW-8**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:22:40 AM**
Confirmation Number:	**6389544427**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**MW-9**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:23:05 AM**
Confirmation Number:	**6005279362**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**SP-5**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:23:29 AM**
Confirmation Number:	**3493300497**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**SP-6**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:24:02 AM**
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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**SP-7**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:24:26 AM**
Confirmation Number:	**5873873651**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**SP-8**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:24:54 AM**
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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**VP-1**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:25:16 AM**
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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**VP-2**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:25:38 AM**
Confirmation Number:	**4330843865**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Field Pt Name:	**VP-3**
Submittal Type:	**GEO_BORE**
Submittal Date/Time:	**2/28/2007 10:26:06 AM**
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Submittal Date/Time:	**2/28/2007 10:28:22 AM**
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Submittal Date/Time:	**2/28/2007 10:29:22 AM**
Confirmation Number:	**5729170083**

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Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
Global ID:	**T0608100632**
Submittal Type:	**GEO_MAP**
Submittal Date/Time:	**2/28/2007 10:30:18 AM**
Confirmation Number:	**4861744761**

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UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
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Submittal Title:	**Offsite Assessment Report**
Submittal Date/Time:	**2/28/2007 10:30:54 AM**
Confirmation Number:	**4185961663**

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Confirmation Number: 3494886755
Date/Time of Submittal: 2/28/2007 10:39:08 AM
Facility Global ID: T0608100632
Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (1 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
402 DELAWARE
SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
3494886755	Offsite Assessment Report (1 of 12)	Q4 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	4
SAMPLE MATRIX TYPES	SOIL,WATER

METHOD QA/QC REPORT

METHODS USED	8260TPH,SW8260B
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	Y	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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Your EDF file has been successfully uploaded!

Confirmation Number: 3192271888
Date/Time of Submittal: 2/28/2007 10:41:00 AM
Facility Global ID: T0608100632
Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (2 of 12)
Submittal Type: Soil & Water Investigation Report

Click here to view the detections report for this upload.

TOSCO #6390 (FORMER UNOCAL)
402 DELAWARE
SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
3192271888	Offsite Assessment Report (2 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	SOIL

METHOD QA/QC REPORT

METHODS USED	8260TPH,SW8260B
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Title: Offsite Assessment Report (3 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
402 DELAWARE
SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
3818699121	Offsite Assessment Report (3 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260TPH,SW8260B
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- SW8260B REQUIRES ETBE TO BE TESTED	
- SW8260B REQUIRES TAME TO BE TESTED	
- SW8260B REQUIRES DIPE TO BE TESTED	
- SW8260B REQUIRES TBA TO BE TESTED	
- SW8260B REQUIRES DCA12 TO BE TESTED	
- SW8260B REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	Y	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (4 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
402 DELAWARE
SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
8384619235	Offsite Assessment Report (4 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	ETO15
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Facility Global ID: T0608100632
Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (5 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
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SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
3030606031	Offsite Assessment Report (5 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	ETO3
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (6 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
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SAN MATEO, CA 94403

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Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
5416297376	Offsite Assessment Report (6 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	D1946
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Title: Offsite Assessment Report (7 of 12)
Submittal Type: Soil & Water Investigation Report

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SAN MATEO, CA 94403

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SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
9800361037	Offsite Assessment Report (7 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	ETO3
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (8 of 12)
Submittal Type: Soil & Water Investigation Report

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SAN MATEO, CA 94403

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SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
7434960067	Offsite Assessment Report (8 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	D1946
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Title: Offsite Assessment Report (9 of 12)
Submittal Type: Soil & Water Investigation Report

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CONF #	TITLE	QUARTER
7199681520	Offsite Assessment Report (9 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	1
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	ETO3
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Title: Offsite Assessment Report (10 of 12)
Submittal Type: Soil & Water Investigation Report

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SAN MATEO, CA 94403

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SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
8664161205	Offsite Assessment Report (10 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	1
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	D1946
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Facility Global ID: T0608100632
Facility Name: TOSCO #6390 (FORMER UNOCAL)
Submittal Title: Offsite Assessment Report (11 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
402 DELAWARE
SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
6642430603	Offsite Assessment Report (11 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	ETO15
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Submittal Title: Offsite Assessment Report (12 of 12)
Submittal Type: Soil & Water Investigation Report

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TOSCO #6390 (FORMER UNOCAL)
402 DELAWARE
SAN MATEO, CA 94403

Regional Board
SAN FRANCISCO BAY RWQCB (REGION 2) - **(NK)**
Local Agency (lead agency) - Case #: 110069
SAN MATEO COUNTY LOP - **(DGM)**

CONF #	TITLE	QUARTER
9422092854	Offsite Assessment Report (12 of 12)	Q1 2007

SUBMITTED BY	SUBMIT DATE	STATUS
Rusty Benkosky	2/28/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	1
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	SOIL GAS

METHOD QA/QC REPORT

METHODS USED	ETO15
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

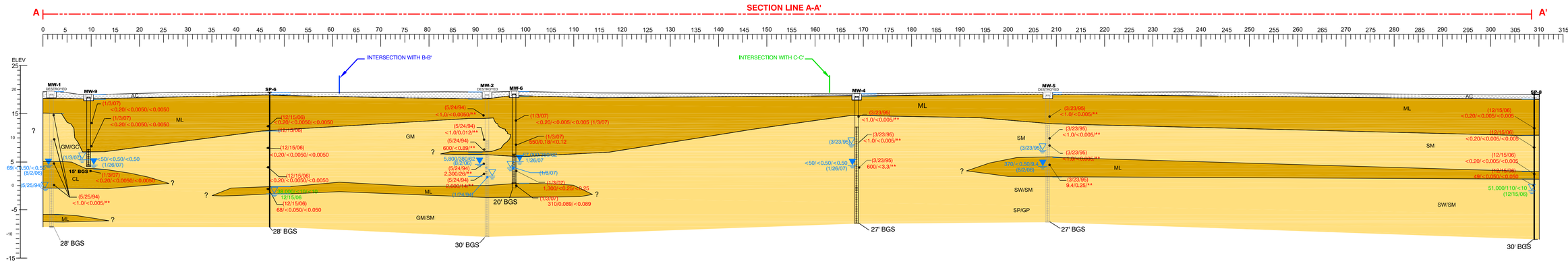
SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

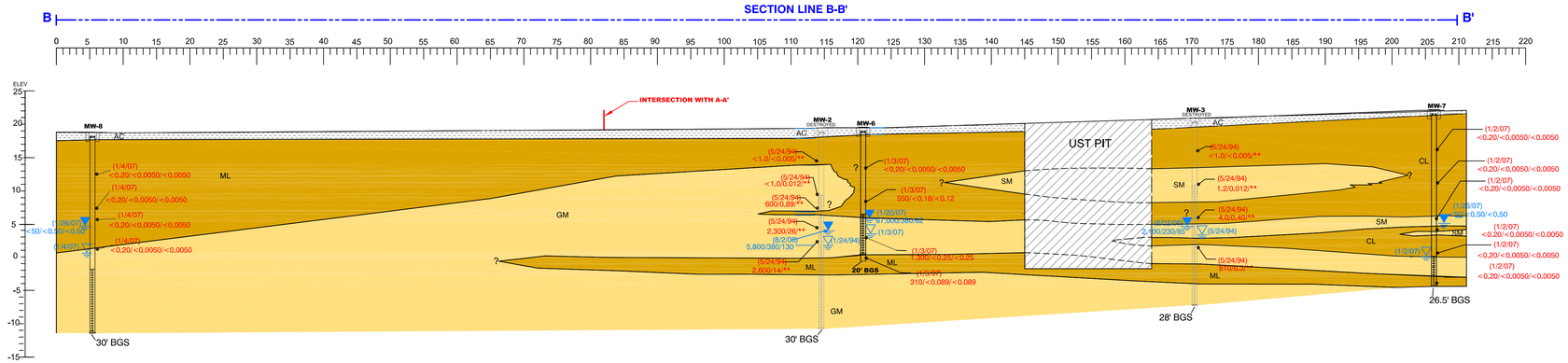
FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
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QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

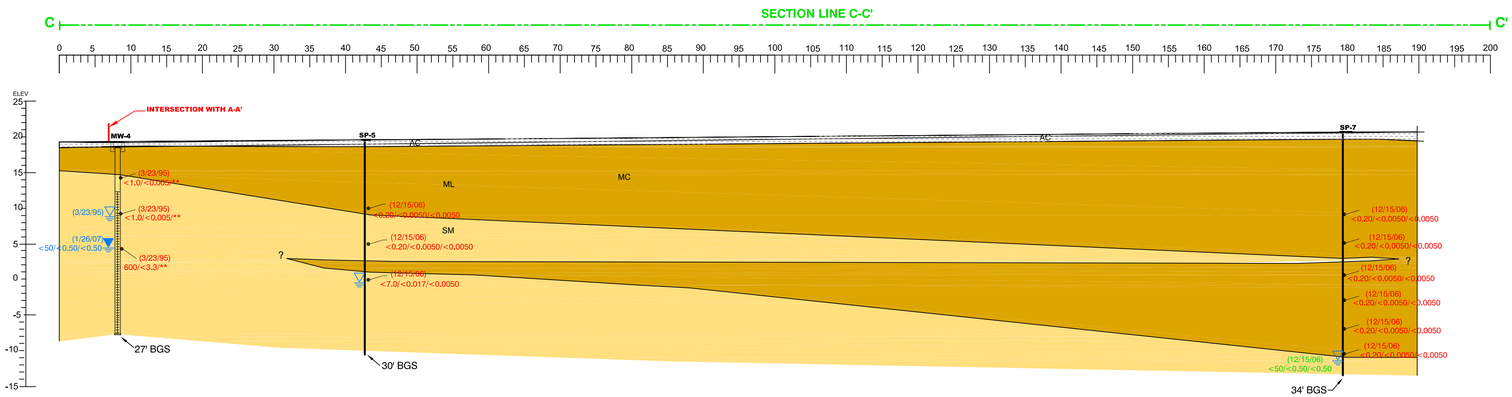
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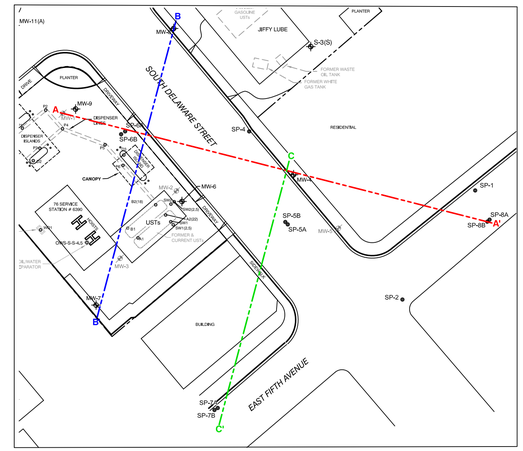
CROSS-SECTION A-A'



CROSS-SECTION B-B'



CROSS-SECTION C-C'



CROSS-SECTION LOCATION MAP SCALE: 1" = 50'

LEGEND:

TPPH = TOTAL PURGEABLE PETROLEUM HYDROCARBONS
MTBE = METHYL TERIARY BUTYL ETHER

00/00/00 SOIL ANALYTICAL DATA (TPPH/Benzene/MtBE) (** NO MTBE DATA) mg/kg
00/00/00 GROUNDWATER ANALYTICAL DATA (TPPH/Benzene/MTBE) µg/L
00/00/00 GRAB GROUNDWATER (TPPH/Benzene/MTBE) µg/L

mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER

STATIC GROUNDWATER (DATE)
INITIAL GROUNDWATER DURING DRILLING (DATE)
WELL CASING
SCREENED INTERVAL FOR MONITORING WELLS
SOIL BORING

CLAY AND SILT (ML/CL)
CLAYEY SAND TO SAND WITH GRAVEL (SC/SM/SW/CP)
PAVEMENT (AC)
INTERPRETED SOIL STRATIGRAPHIC BOUNDARY

10
0
0 10
APPROXIMATE SCALE IN FEET

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PHONE: (916) 861-0400/861-0430 (FAX)

FOR: ConocoPhillips
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GEOLOGIC CROSS SECTIONS A-A', B-B' AND C-C'

PLATE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.05.1222	MDR	MJB	DMB	2/21/07

FILEPATH:Q:\CADD-77\ConocoPhillips\6390\77CP-01574-05- X-SECTION A-A'-2000CADD 2edithatch.dwg[mramirez]Mar 01, 2007 at 15:02|Layout: ALL X-SECTION (ONE PAGE)

Additional Assessment and Sensitive Receptor Survey Report
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California 94402

Prepared for:
ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

Prepared by:
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3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Stantec Project Number:
77CP.01574.47.1100



Stantec

September 10, 2008

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1.0 Introduction

This report has been prepared by Stantec Consulting Corporation (Stantec) on behalf of the ConocoPhillips Company (ConocoPhillips), to further investigate subsurface conditions beneath 76 Service Station No. 6390, located at 402 South Delaware Street, San Mateo, California (the "site", Figure 1). The work was done in accordance with Stantec's *Additional Assessment and Sensitive Receptor Survey Work Plan*, dated July 9, 2007 and Stantec's *Revisions to Additional Assessment and Sensitive Receptor Survey Work Plan*, dated March 25, 2008. The work plans were approved with modifications in letters from the San Mateo County Health Department – Groundwater Protection Program (SMCHD-GPP) dated January 30, 2008 and July 28, 2008 (Appendix A). Verbal approval was provided by the SMCHD-GPP on July 11, 2008 to move forward with the work proposed in the revised work plan.

2.0 Site Background

2.1 SITE LOCATION

The 76 branded Service Station property (the "site") is located at 402 South Delaware Street, on the south corner of South Delaware Street and East Fourth Avenue in the City of San Mateo, San Mateo County, California (Figure 1). The site is bordered by South Delaware Street to the northeast, East Fourth Avenue to the northwest, and commercial buildings to the southwest and southeast. There are two active gasoline service stations located in the near vicinity: a Shell station on the north corner of East Third Avenue and South Delaware Street, and an ARCO station on the south corner of East Third Avenue and South Delaware Street. Historically, there used to be a Shell service station directly across South Delaware Street from the site on the east corner of South Delaware Street and East Fourth Avenue; a Jiffy Lube now exists at this location. Additionally, a former 76 branded service station was located on the west corner of East Third Avenue and El Dorado Street.

The site is an active service station dispensing 76 branded gasoline. The station facilities include two unleaded gasoline underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (Figure 2). The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site when the current gasoline USTs were installed.

2.2 SITE HISTORY

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon capacity, fiberglass, gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. A 9-inch long crack was observed along the eastern end of the super unleaded gasoline UST upon removal. Subsequent petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30 feet long by 27 feet wide by 22 feet deep. Initially, six soil samples were collected (A1, A2, B1, B2, SW1, and SW2) from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches. KEI returned at a later date to collect an additional three samples (SW1(2.5), SW2(2.5), and SW3) from the gasoline UST cavity and a grab water sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater was observed to have floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2 , and D3) from beneath the gasoline dispensers. Laboratory analysis of soil samples collected from the gasoline UST cavity indicated the presence of up to 5,000 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg, B2), 47 mg/kg benzene (B2), 470 mg/kg

toluene (B2), 120 mg/kg ethylbenzene (B2), 790 mg/kg total xylenes (B2), and 5.9 mg/kg total petroleum hydrocarbons as diesel (TPHd, SW3). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc at concentrations of 1.1 mg/kg, 67 mg/kg, 73 mg/kg, 6.0 mg/kg, and 44 mg/kg, respectively, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. Analysis of the water sample collected from the gasoline UST indicated 28,000 micrograms per liter (µg/L) TPHd, 50,000 µg/L TPHg, 1,200 µg/L benzene, 6,700 µg/L toluene, 1,400 µg/L ethylbenzene, and 10,000 µg/L total xylenes. Laboratory results are included in Table 1 (KEI, 1992).

In May 1994, KEI installed three monitoring wells (MW1, MW2, and MW3, later known as MW-1, MW-2 and MW-3) at the site (Figure 2). Laboratory analysis of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and benzene, toluene, ethylbenzene, and total xylenes (BTEX) at maximum concentrations of 2,600 mg/kg TPHg (MW2 (17)), 26 mg/kg benzene (MW2 (15)), 240 mg/kg toluene (MW2 (15)), 62 mg/kg ethylbenzene (MW2 (17)), and 410 mg/kg total xylenes (MW2 (17)). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially monitored and sampled in June 1994. Laboratory analysis of the water samples collected indicated the presence of petroleum hydrocarbons in MW-2 and MW-3, with maximum concentrations of 89,000 µg/L TPHg, 11,000 µg/L benzene, 37,000 µg/L toluene, 3,000 µg/L ethylbenzene, and 20,000 µg/L total xylenes reported in MW-2. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs), with the evaluated groundwater gradient being approximately 0.004 foot/foot to the east. KEI concluded to follow a three month monitoring program, at which point the wells would be re-sampled. Laboratory results are included in Tables 1 and 2 (KEI, 1994).

In March 1995, two additional monitoring wells (MW4 and MW5, later known as MW-4 and MW-5) were installed in offsite locations in the sidewalk along the opposite side of South Delaware Street form the site (Figure 2). The offsite wells were located in the down-gradient direction from the site. Laboratory analysis of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX at maximum concentrations of 600 mg/kg TPHg, 3.3 mg/kg benzene, 38 mg/kg toluene, 14 mg/kg ethylbenzene, and 96 mg/kg total xylenes in soil sample MW4 (5). The new wells were added to the quarterly groundwater monitoring and sampling program, and were first sampled in April 1995. Laboratory analysis of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 µg/L TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4. Laboratory results are included in Tables 1 and 2 (KEI, 1995).

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample

indicated the presence of trace concentrations of TPHd, toluene, and total xylenes at 1.5 mg/kg, 0.006 mg/kg, and 0.009 mg/kg, respectively. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 mg/kg, 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. The remaining requested petroleum hydrocarbon constituents were not reported above laboratory detection limits. Laboratory results are included in Table 1 (GSI, 1996).

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at offsite locations (Figure 2). The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab water samples were collected from each borehole. Laboratory analysis of the water samples indicated the presence of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4 at concentrations of 450 µg/L, 71 µg/L, 6.7 µg/L, and 17 µg/L, respectively. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2. A summary of laboratory results is included in Table 2 (KEI, 1996).

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. Four documented wells were identified within a ¼-mile radius of the site (Pacific, 1996).

In December 2006 and January 2007, SECOR supervised the advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5) (Figure 2). Laboratory analysis of the soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from the wells contained petroleum hydrocarbons in MW-6 (67,000 µg/L TPPH, 380 µg/L benzene, 8,600 µg/L toluene, 3,600 µg/L ethylbenzene, 17,000 µg/L total xylenes, and 62 µg/L MTBE), and MW-9 (0.73 µg/L xylenes). Laboratory analysis of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3). The laboratory analysis additionally indicated that the samples were composed of 20-22% O_2 and 0.46-1.0% CO_2. SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended a down-gradient well in the shallow water bearing zone, down-gradient wells in deeper groundwater along East Fifth Avenue and Delaware Street,

wells in deeper groundwater northwest and northeast (up and cross-gradient) of the site, analysis for PCE, and historical research to investigate a source for the PCE (SECOR, 2007).

The site has been monitored and sampled since the second quarter 1994. From 1994 to 2000, the site was monitored on a quarterly basis. Since 2001, the frequency has been reduced to semi-annual monitoring and sampling. Historically, the highest dissolved phase petroleum hydrocarbon concentrations have occurred in wells MW-2 and MW-3, and most recently in well MW-6. The groundwater gradient has been mainly to the east and southeast, and was to the northeast during the last event (SECOR, 2008). Laboratory results are included in Table 2.

Historical soil and groundwater sampling locations are shown on Figure 2, and historical soil, groundwater, gradient, and soil vapor data are summarized in Tables 1 through 4.

3.0 Scope of Work

On July 31, 2008 through August 11, 2008, Stantec field staff observed WDC Drilling (WDC) of Martinez, California, install two shallow monitoring wells (MW-10 and MW-11) and four deep groundwater monitoring wells (MW-12B, MW-13B, MW-14B, and MW-15B). On August 14 and 15, 2008, Stantec observed WDC develop the groundwater monitoring wells. On August 18, 2008 Stantec purged and sampled wells MW-12B, MW-13B, MW-14B, and MW-15B. Wells MW-10 and MW-11 were observed as dry and not sampled. On August 18, 2008, Stantec witnessed the surveying of MW-10, MW-11, MW-12B, MW-13B, MW-14B, and MW-15B and measured groundwater elevations in the site wells. The completed scope of work is discussed below. Additionally, Stantec performed a sensitive receptor survey to help evaluate the site for low-risk closure.

3.1 SITE HEALTH AND SAFETY PLAN

As required by the Occupational Health and Safety Administration Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120), and by the California Occupational Health and Safety Administration "Hazardous Waste Operations and Emergency Response" guidelines (CCR Title 8, Section 5192), Stantec updated the current site-specific Health and Safety Plan (HASP) prior to the commencement of fieldwork. The HASP was reviewed by field staff and contractors before beginning field operations, and was in the possession of Stantec personnel while conducting work activities at the site.

3.2 PERMITTING

Prior to installing the groundwater monitoring wells, Stantec obtained a rider to an open encroachment permit from the City of San Mateo Department of Public Works for the advancement of five offsite monitoring wells (MW-10, MW-11, MW-12B, MW-14B, and MW-15B). The rider to the encroachment permit was approved on July 23, 2008. Stantec also obtained two exploratory boring permits from the SMCHD-GPP for the advancement of one onsite groundwater monitoring well and five offsite groundwater monitoring wells on City property, which were approved on July 23, 2008. Copies of the permits are included in Appendix A.

3.3 SUBSURFACE UTILITY CLEARANCE AND CONDUIT STUDY

Prior to initiating field activities on July 24, 2008, Stantec marked the boring locations (MW-10, MW-11, MW-12B, MW-13B, MW-14B, and MW-15B), contacted Underground Service Alert (USA) 48 hours prior to the initiation of field work, and contracted Cruz Brothers Locators (CBL), a private utility locator, to evaluate whether the proposed boring locations were clear of potential subsurface obstructions.

Monitoring wells MW-11, MW-12B, MW-13B, and MW-15B were cleared to depths of 5 feet bgs using an air lance and vacuum truck prior to commencement of mechanical drilling. On August 1, 2008, while clearing MW-10, a potential storm drain was encountered in South Delaware Street. The City of San Mateo was contacted and verified that there was a storm drain in that vicinity. Permission was granted by the City to move MW-10 and MW-14B into the sidewalk. CBL cleared the new locations and did not identify potential subsurface utilities beneath the proposed locations of the wells. Monitoring wells MW-10 and MW-14B were cleared to depths of 6.5 and 8 feet bgs, respectively, using a hand auger and an air lance and vacuum, prior to commencement of mechanical drilling.

3.4 GROUNDWATER MONITORING WELL INSTALLATION

On July 31 through August 11, 2008, two shallow groundwater monitoring wells (MW-10 and MW-11) and four deep groundwater monitoring wells (MW-12B, MW-13B, MW-14B, and MW-15B) were installed using a limited access HSA rig equipped with 8 inch to 18 inch diameter auger flights. Monitoring wells MW-10 and MW-14B were installed offsite in the sidewalk along South Delaware Street northeast and east of the site. Monitoring wells MW-11 and MW-15B were installed offsite in the parking lane along South Delaware Street southeast of the site. MW-12B was installed in the parking lane along East Fifth Avenue east of the site, and MW-13B was installed onsite near MW-6.

3.4.1 Shallow Groundwater Monitoring Wells

The shallow groundwater monitoring well borings MW-10 and MW-11 were advanced to depths of 17.5 and 15 feet bgs, respectively. Groundwater was not encountered in the borings for the shallow wells during drilling.

The shallow monitoring wells were constructed using 2-inch diameter poly vinyl chloride (PVC) casing with a 0.020-inch slotted screen interval extending from 6 to 13.5 feet bgs in MW-10 and 5 to 15 feet bgs in MW-11. A filter pack of #3 Monterey sand was placed in the annulus across from the screen to 0.5 -1.0 feet above the screen. A 1.5-2.0 foot thick bentonite seal (hydrated chips) was placed above the sand pack. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied from the top of the bentonite seal to 1 foot bgs. The well materials were tremmied through the annulus of the HSA flights. The wells were completed at the surface with traffic rated well boxes set in concrete dyed to match the existing grade, and a locking well cap was placed on the casing. Because a potential aquitard was encountered at the bottom of the borehole for monitoring well MW-10, a bentonite seal was emplaced within this fine-grained material at the bottom of the borehole prior to well construction. This potential aquitard was not penetrated through during the drilling operations.

3.4.2 Deep Groundwater Monitoring Wells

The deep groundwater monitoring well borings MW-12B, MW-13B, MW-14B and MW-15B were advance to depths of 30, 31, 29, and 29 feet bgs, respectively. Groundwater was encountered between16.25 feet and 18.79 feet bgs surface in the deep wells.

The deep monitoring wells were constructed using 2-inch diameter poly vinyl chloride (PVC) casing with a 0.020-inch slotted screen interval extending from 19 to 29 feet bgs in MW-12B, 21 to 31 feet bgs in MW-13B, 18.75 to 28.75 feet bgs in MW-14B, and 17 to 27 feet bgs in MW-15B. A filter pack of #3 Monterey sand was placed in the annulus across from the screen to 0.1 -1.0 feet above the screen. A 2.0-2.4 foot thick bentonite seal (hydrated chips) was placed above the sand pack. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied from the top of the bentonite seal to 1 foot bgs. The well materials were tremmied through the annulus of the HSA flights. The wells were completed at the surface with a traffic rated well box set in concrete dyed to match the existing grade, and a locking well cap was placed on the casing. Because a potential aquitard was encountered at the bottom of the borehole for monitoring well MW-15B, a bentonite seal was emplaced within this fine-grained material at the bottom of the borehole prior to well construction. This potential aquitard was not penetrated through during the drilling operations.

Because free groundwater was encountered in the shallow zone at the locations of MW-12B and MW-13B, conductor casing was emplaced in the shallow zone of these borings prior to advancement to the deeper zone. The 10-inch diameter steel conductor casing was installed in the boring approximately 1.5 inches (MW-12B) and 1 foot (MW-13B) into the underlying aquitard and grouted in place and allowed to cure for 72 hours prior to advancement through the casing. Free groundwater was not encountered within the shallow zone of MW-14B and MW-15B, therefore, the use of conductor casing was not necessary.

Stantec's field procedures are included in Appendix B. The boring logs illustrating well construction details are included in Appendix C.

3.5 SOIL SAMPLE COLLECTION AND ANALYSIS

The soil borings were continuously sampled and described in accordance with the Unified Soil Classification System (USCS) by a Stantec scientist under the direction of a California Professional Geologist. Soil samples were contained in brass liners that were inserted into the sampler. Soil samples were examined for odors, visible signs of petroleum hydrocarbons, and screened for hydrocarbon vapors using a photo-ionization detector (PID). Unsaturated and saturated soil samples showing positive readings on a photo-ionization detector (PID) and collected from within encountered zones of low permeability (potential aquitards) were analyzed. Selected soil samples were placed on ice and submitted to a California certified laboratory to be analyzed for the presence of total purgeable petroleum hydrocarbons (TPPH); benzene, toluene, ethylbenzene and total xylenes (BTEX); 1,2-dichloroethane (1,2-DCA), di-isopropyl ether (DIPE), ethylene dibromide (EDB), ethyl tertiary butyl ether (ETBE), ethanol, MTBE, tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA) by Environmental Protection Agency (EPA) Method 8260.

Stantec's standard field procedures are included in Appendix B.

3.6 MONITORING WELL DEVELOPMENT, SAMPLING, AND ANALYSIS

On August 14 and 15, 2008, Stantec personnel developed the newly installed monitoring wells MW-12B through MW-15B. Approximately 10.1-10.6 casing volumes were purged from the wells. The last three successive measurements of temperature, conductivity, and pH of the purged groundwater varied by ≤10%, ≤6%, and ≤0.1, respectively. On August 14, 2008, Stantec personnel noted that pH parameters were very low and recalibrated the meter. A new meter was available and used for the second day of well development. Development was deemed to be sufficient once 10 casing volumes were removed. Groundwater monitoring wells MW-10 and MW-11 were reported as dry and not developed.

On August 18, 2008, Stantec personnel purged and sampled groundwater monitoring wells MW-12B through MW-15B using low-flow protocol at a flow rate of less than 1 liter per minute using a bladder pump. The pump intake was placed at a depth in the water column that was opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact. Criteria for this selection included the depth of the highest soil impact encountered during well installation, the as-built screen interval, and the recorded depth to water. For wells MW-12B, MW-13B, and MW-14B, because the screens were submerged and there was no known soil impact, the pump intake was placed at the top of the screen interval. Because the well MW-15B was observed to have an exposed screen, and no hydrocarbon compounds were known to be present in soil within the screened interval, the proposed intake depth was the center of the observed water column. The conductivity, temperature, and pH of the delivered effluent were monitored every three minutes using a flow-through cell during purging and recorded on the field data sheets. Purging ended once three successive measurements of pH, conductivity, and temperature of the purged water stabilized to within 0.1, 3%, and 10%, respectively. The samples were analyzed for TPPH, BTEX, MTBE, ethanol, TBA, TAME, DIPE, ETBE, EDB, and 1,2-DCA by EPA Method 8260B, and PCE (tetrachloroethene), TCE (trichloroethene) and 1,2-DCE (1,2-dichloroethene) by EPA 8260B. Groundwater monitoring wells MW-10 and MW-11 were reported dry or had an insufficient amount of water to collect groundwater samples. Field data sheets illustrating onsite activities, including system or line volumes, actual purge volumes, purging equipment, and sampling equipment used are included in Appendix D.

3.7 MONITORING WELL SURVEYING

Mid Coast Engineers (MCE) was contracted by Stantec to survey the newly installed monitoring wells (MW-10, MW-11, MW-12B through MW-15B) and tied into existing well MW-7 at the site. The measurements were obtained from conventional survey techniques and GPS techniques, using data from existing wells MW-4 and MW-7 that was referenced to the NAVD 88 Datum. The wells were surveyed for geographical location to the NAD 83 (1986) Datum, and for well casing elevation to the NAVD 88 Datum. A copy of the MCE survey data is included in Appendix E.

3.8 INVESTIGATION DERIVED WASTE

Soil cuttings, decontamination rinsate, and purge water generated during the site assessment activities were stored in Department of Transportation (DOT) approved 55-gallon capacity steel drums. The drums, including 23 drums of soil from the drilling, 13 drums of water from the drilling, development, and sampling, and 2 drums of concrete and asphalt from the airknifing, were staged onsite pending laboratory characterization as non-hazardous waste. Belshire Environmental Services Inc. (BESI) transported the containers to their licensed facility for disposal on September 4, 2008. The waste manifest for the 23 drums of soil and 13 drums of water will be submitted under separate cover. The 2 drums of concrete and asphalt will be disposed of as construction waste.

4.0 Findings

4.1 SUBSURFACE CONDITIONS

Subsurface materials encountered at the site generally correlated well with those previously reported, as shown on the geologic cross sections, Figure 3, and boring logs, Appendix C. Silt with some silty sand and gravel intervals was encountered from the ground surface to depths of approximately 5 to 16 feet bgs. This silt was underlain by silty sand and gravel with minor silt interbeds to approximate depths of 15 to 25 feet bgs. Wells MW-10 and MW-11 (along with previously existing wells MW-6 and MW-9) appear to be screened in this first water bearing zone ranging between the approximate depths of 10 and 25 feet bgs. Beneath this water-bearing zone, a silt aquitard varying in thickness from approximately 0.5 to 14 feet thick was encountered. This aquitard was relatively continuous, except in the area of well MW-4, which may be within a channel deposit. The aquitard was very thin (1/2-foot) in MW-12B. The aquitard was underlain by a deeper water-bearing zone beginning at the approximate depths of 18 feet bgs in the site area and 13.5 feet bgs southeast of the site. Wells MW-12B through MW-15B (along with previously existing wells MW-4, MW-7, and MW-8) appear to be screened in this second water bearing zone. A potential aquitard beneath this deeper water-bearing zone was encountered between 27 and 29 feet bgs in MW-15B.

4.2 ANALYTICAL RESULTS

Soil and groundwater samples collected during the assessment were submitted to BC Laboratories (BCL), located in Bakersfield, California. Soil and groundwater analytical results are summarized in Tables 5 and 6. Laboratory reports, with certified analytical results and chain-of-custody documentation, are included in Appendix F.

4.2.1 Soil Analytical Results

Thirty soil samples were submitted for laboratory analysis from six monitoring well borings. Analytical results indicated the presence of TPPH in three borings (MW-12B, MW-13B, and MW-14B) at a maximum concentration of 3,500 mg/kg (MW-13B 15'); BTEX in borings MW-12B and MW-13B at maximum concentrations of 2.9 mg/kg, 250 mg/kg, 85 mg/kg, and 660 mg/kg (MW-13B 15'), respectively; TBA in well boring MW-13B at a concentration of 0.088 mg/kg (MW-13B 30.5'); and MTBE in well borings MW-12B and MW-13B at a maximum concentration of 0.030 mg/kg (MW-13B 24.5'). The remaining requested petroleum hydrocarbon constituents tested for under EPA Method 8260 were not detected at concentrations above the laboratory reporting limits.

4.2.2 Groundwater Analytical Results

Four low-flow groundwater samples were collected from monitoring wells MW-12B through MW-15B. Laboratory analysis indicated the presence of TPPH in three samples (MW-12B, MW-13B

and MW-15B), at a maximum concentration of 300 µg/L (MW-13B); benzene in one sample (MW-13B) at a concentration of 3.0 µg/L, toluene in one sample (MW-13B) at a concentration of 0.98 µg/L, ethylbenzene in one sample (MW-12B) at a concentration of 0.70 µg/L, xylenes in two samples (MW-12B and MW-13B) at a maximum concentration of 5.4 µg/L (MW-13B); and MTBE in two samples (MW-12B and MW-13B) at a maximum concentration of 13 µg/L (MW-13B. Groundwater samples were additionally analyzed for PCE, TCE and cis-1,2-DCE by EPA Method 8260B. Laboratory analysis indicated the presence of PCE, TCE and cis-1,2-DCE in four samples at maximum concentrations of 280 µg/L (MW-13B), 36 µg/L (MW-12B), and 41 µg/L (MW-12B), respectively. The samples were also analyzed for trans-1,2-DCE but this compound was not detected above the laboratory limit. The remaining requested petroleum hydrocarbon constituents analyzed for under EPA Method 8260B were not reported at concentrations above the laboratory reporting limits.

4.3 GROUNDWATER GRADIENT EVALUATION

On August 18, 2008, Stantec field staff collected depth to water readings in site wells prior to the sampling of the newly installed groundwater monitoring wells MW-10, MW-11 and MW-12B through MW-15B. These depth to water levels were used to calculate groundwater elevations and evaluate the groundwater gradient. The groundwater gradient was evaluated to flow to the east at a magnitude of 0.003 foot/foot (Figure 4). The groundwater gradient was also evaluated to flow to the east at a magnitude of 0.003 foot/foot in the deep water bearing zone, based on elevations excluding wells MW-6, MW-9 (dry), MW-10 (dry), and MW-11 (anomalous, likely due to water retained in the bottom of the well cap) (Figure 5). These gradients are consistent with historical gradients that have been evaluated at the site (Table 3, Figure 6). The gradient in the shallow zone could not be evaluated due to only two wells containing water.

It appears that there is hydraulic connection between the two water-bearing zones in the area of MW-4, in the limited area of the tank pit, possibly in other areas, and through the aquitard that separates the zones at the majority of locations explored. The one location where vertical gradient evaluation was possible (MW-6 and MW-13B) showed a vertical gradient of +0.01, indicating slight upward flow. This location is near the UST tank pit, which is interpreted to have been dug beneath the aquitard. As shown in Figures 4 and 5, the hydraulic gradient appears to be generally equilibrated throughout the well network.

4.4 GEOTRACKER UPLOAD

Data associated with this assessment report has been uploaded to the California State Geotracker database. Confirmation of this electronic submittal is included in Appendix G.

4.5 SENSITIVE RECEPTOR SURVEY

Stantec conducted a sensitive receptor survey within a ½-mile radius of the site between July 2008 and August 2008. A detailed parcel survey was performed at a 500-foot radius surrounding the site. The 500-foot radius site map and the survey results are illustrated on the attached Table 7 and Figure 7, and the ½-mile radius map is shown on Figure 8. The survey

procedures and results are summarized below. Survey questionnaires are included in Appendix H.

4.5.1 Agency Survey

Stantec obtained a Well Completion Report Release Agreement from the SMCEHD-GPP in August 2007 that allowed access to the well completion records at the DWR. Stantec contacted DWR on July 2, 2008 to obtain any additional well completion records that may have been added to the records since 2007. Research of the DWR well completion record database identified one irrigation well located approximately 2,208 feet north-northeast of the Site at 1015 2nd Avenue, San Mateo. The well was installed in 1953 to a depth of 46 feet bgs with a screened interval of 30 to 46 feet bgs. A copy of the Well Completion Report Release Agreement is included in Attachment I.

4.5.2 1996 Survey Results

The well survey performed by Pacific (1996) identified four wells within a ¼-mile radius of the site. This included three cathodic protection wells and one irrigation well. The irrigation well identified in this survey was within a ½ mile radius and was located approximately 250 feet northwest along El Camino from the 9th Ave intersection and approximately 450 feet northeast into Central Park. The date of installation was unknown, and the total depth was 130 feet bgs. The City of San Mateo was contacted to verify the presence of the irrigation well in Central Park. Communication with Mr. Soulard indicated that there are two irrigation wells in Central Park (approximately 2,544 feet south of the site) and one irrigation well at King Center (approximately 3,648 north-northwest of the site).

4.5.3 Water Service Purveyor

The California Water Service Company (Cal Water) was identified as the public water service purveyor for the City of San Mateo. The Cal Water district serving the San Mateo area was identified as the Bayshore District. The district purchases water from the San Francisco Public Utilities Commission (SFPUC) and provides water to the cities of San Mateo and San Carlos. Communication with Mr. Mark Johnson of the Cal Water Bayshore District indicated that the Bayshore District did not currently have water supply wells within the 1/2 -mile boundary of the survey area. Mr. Johnson also indicated that the district is looking to buy land and install wells in the future, possibly at a location approximately ¾-mile southeast of the site.

4.5.4 Surface Water Bodies and Other Receptors

There was one surface water body (San Mateo Creek) identified within the limits of the ½-mile survey, approximately 1,488 feet north of the site. Six schools, three daycares, fourteen churches, two parks, two assisted living facilites, one family services agency, and one hospital were identified within the search ½-mile radius. These potential receptors were located cross- or up-gradient to the site (Figure 8).

4.5.5 Parcel Survey

Stantec conducted a parcel survey of the residences and businesses within the 500-foot search radius by mailing questionnaires. Each questionnaire (Attachment I) was sent with a self addressed and stamped envelope, and a copy of a site plan illustrating the location of the parcel in relation to the site. The questionnaire was approved by the SMCEHD-GPP in their letter dated January 30, 2008. Prior to mailing the questionnaires, Stantec contacted the San Mateo County Assessor's Office to obtain property owner information for the parcels within the 500-foot search radius. If the property owner listed for the parcel had a mailing address that was not the parcel address, a questionnaire was sent to both the property owner and the tenant of the parcel.

Stantec submitted the first round of questionnaires on Tuesday, July 11, 2008. The recipients were given approximately two weeks to remit the questionnaires. On Friday, July 25, 2008, Stantec submitted another copy of the questionnaire to the property owners and tenants that had not responded within the first two weeks. Stantec received responses for a total of 45 of the 87 parcels that were identified within the 500-foot search radius. The questionnaires were printed single-sided, and several respondents only returned the first page. Copies of the returned questionnaires are included as Attachment I.

The responses identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot search radius, as shown on Figure 7. Two of the respondents (422 and 520 El Dorado St.) indicated upon further contact that their property did not have a basement, but a crawl space. Stantec verified the existence of a basement with the property owners at 712 4th Ave., 604, 610, 614, and 704 5th Ave., 518 El Dorado St., and 320 Delaware St. and attempted to verify the existence of the other three basements. Messages for the other property owners (421 El Dorado St., 514 Delaware St., and 622 5th Ave.) were not returned. The sumps were reported on residential property northwest and northeast of the site. The property owners both indicated that the sumps were primarily used during heavy rains. The property owner at 320 Delaware St. indicated upon further contact that the sump pumped surface water. The property owner at 712 4th Ave was unsure if the sump pumped groundwater or surface water. Property usage surrounding the site was primarily commercial; however, residential properties existed to the east and southeast of the site.

4.5.6 Field Canvas

Stantec field staff visited the site to verify parcel addresses, identify land use, look for wells and appurtenant facilities, and to search for additional receptors located within the 500-foot foot search radius. There were no discrepancies noted between the physical addresses of the properties and list of property addresses obtained from the San Mateo County Assessors Office. The land use was identified as a mixture of commercial and residential, and was verified on many of the returned questionnaires. Additionally, Stantec did not identify groundwater production wells, or appurtenant facilities associated with groundwater production wells, within the search radius.

5.0 Conclusions and Recommendations

The groundwater gradients evaluated using the previously existing and newly constructed wells, and the discreetly screened deep water-bearing zone wells, are consistent with previous gradients. It appears that there is hydraulic connection between the two water-bearing zones in the area of MW-4, in the limited area of the tank pit excavation, possibly in other areas, and through the aquitard that separates the zones at the majority of locations explored. As shown in Figures 4 and 5, the hydraulic gradient appears to be generally equilibrated throughout the well network.

Although the aquitard between the water-bearing zones appears to be leaky, based on soil and groundwater laboratory results from MW-6 and MW-13, it is helping to retard downward migration of hydrocarbons.

Shallow wells MW-10 and MW-11 did not contain water, most likely due to the late summer season; however, analysis of soil samples from the potential shallow water-bearing zone in these downgradient wells did not indicate the presence of petroleum hydrocarbons. The lateral extent of dissolved-phase hydrocarbons in the shallow water-bearing zone is delineated to the northwest, northeast, and southwest (upgradient and crossgradient) by borings and wells MW-9, MW-8, and MW-7. Stantec recommends that wells MW-10 and MW-11 be inspected for the presence of groundwater, and developed as necessary, prior to the first quarter 2009 semiannual monitoring and sampling event, to allow collection of a time-synchronous round of groundwater data from the shallow water-bearing zone, including downgradient wells, during that quarter. If concentrations in MW-6 remain at current levels, remediation in this area will be warranted.

The lateral extent of dissolved-phase hydrocarbons in deeper groundwater is delineated to relatively low concentrations to the southwest (crossgradient) by SP-7 and MW-7, and to the east and southeast (downgradient) by wells MW-4, MW-12B, and MW-15B. Concentrations of dissolved phase petroleum hydrocarbons in offsite soil boring SP-8 were not confirmed by the results from well MW-12B, which were more than two orders of magnitude lower. These concentrations should be verified by semiannual sampling and analysis.

Although PCE, TCE, and cis-1,2-DCE have been detected in groundwater, the site does not appear to be the source of these compounds. Stantec recommends that analysis for these compounds be discontinued.

Based on the distances and locations of the potential receptors upgradient and crossgradient of the site, Stantec does not recommend further investigation of these receptors. Based on the soil laboratory results from MW-10 and MW-11, Stantec does not recommend further investigation of the basements downgradient (east and southeast) of the site at this time. If groundwater from MW-10 and MW-11 is analyzed and found to contain petroleum

hydrocarbons, then Stantec will recommend further investigation and possibly vapor or groundwater sampling to confirm that hydrocarbons are not impacting the basements.

6.0 Limitations

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared By:

Laura Sanchez
Project Geologist

Information, conclusions, and recommendations provided by Stantec in this document have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Name: Diane M. Barclay, C.H.G.
Principal Geologist

Signature:

Date: September 10, 2008

Stamp:



Cc: Ms. Shelby Lathrop, ConocoPhillips Company (via electronic upload to Livelink)

7.0 References Cited

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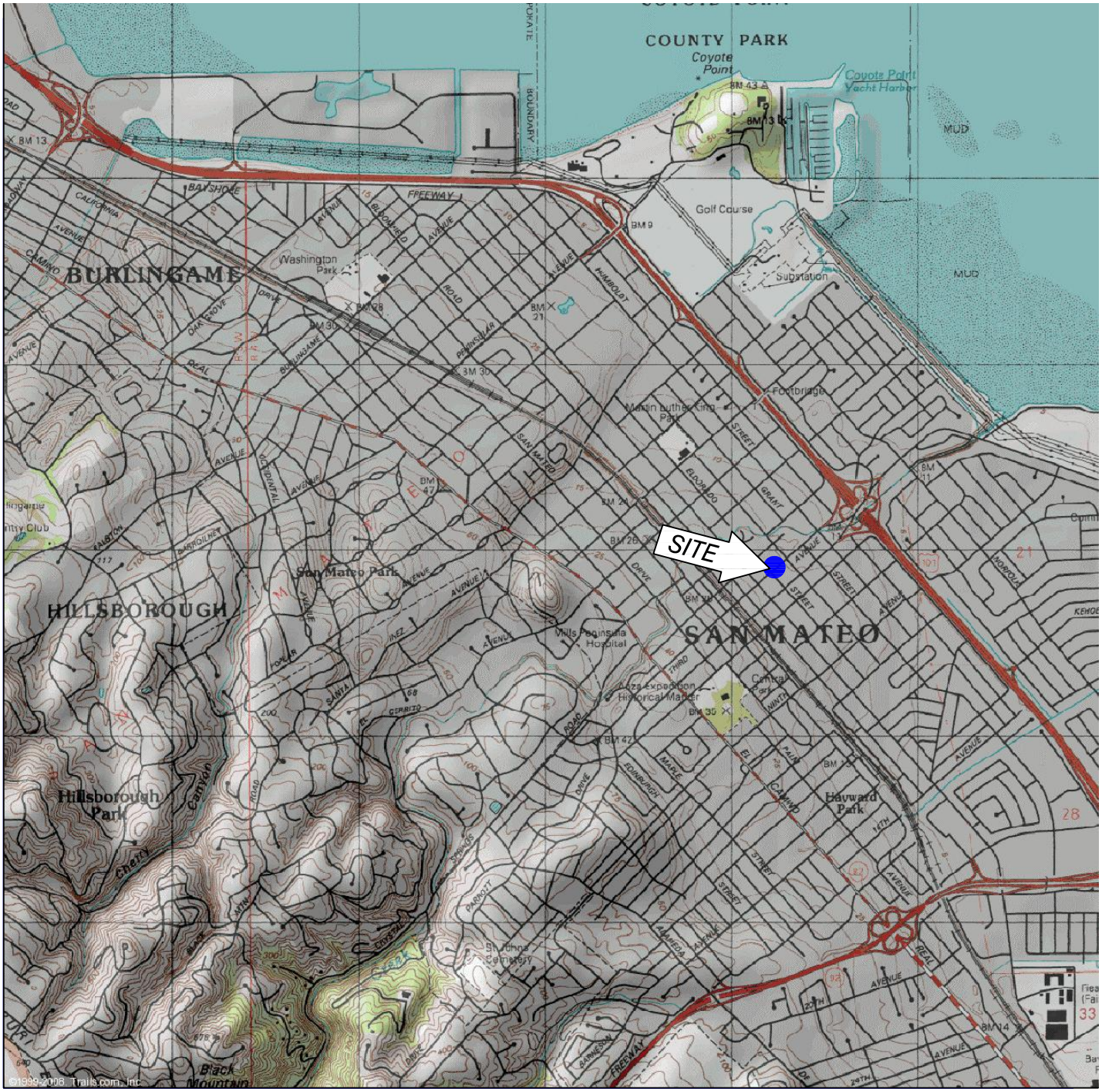
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FIGURES





1 1/2 0 1

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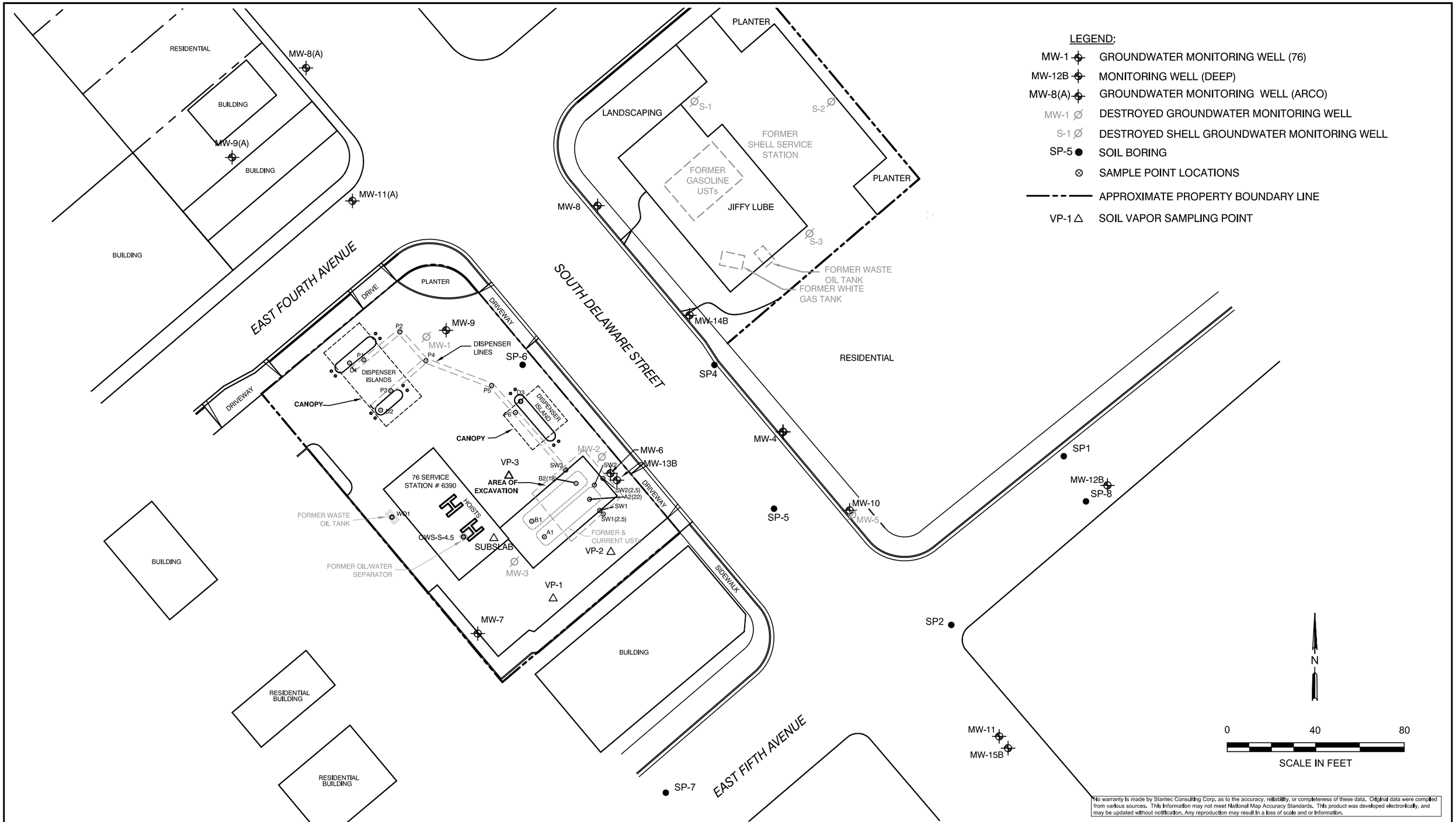
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SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, SAN MATEO, CALIFORNIA

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	JOB NUMBER: 77CP.01574.43	DRAWN BY: MDR	CHECKED BY: MJB	APPROVED BY: DMB	DATE: 08/26/08

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REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007 AND BY MID COAST ENGINEERS ON AUGUST 18, 2008

No warranty is made by Stantec Consulting Corp. as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.

Stantec

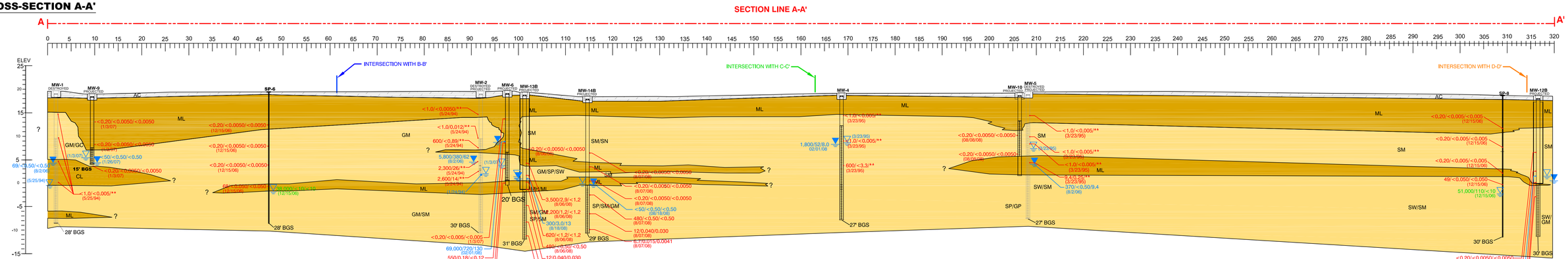
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CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

EXTENDED SITE PLAN

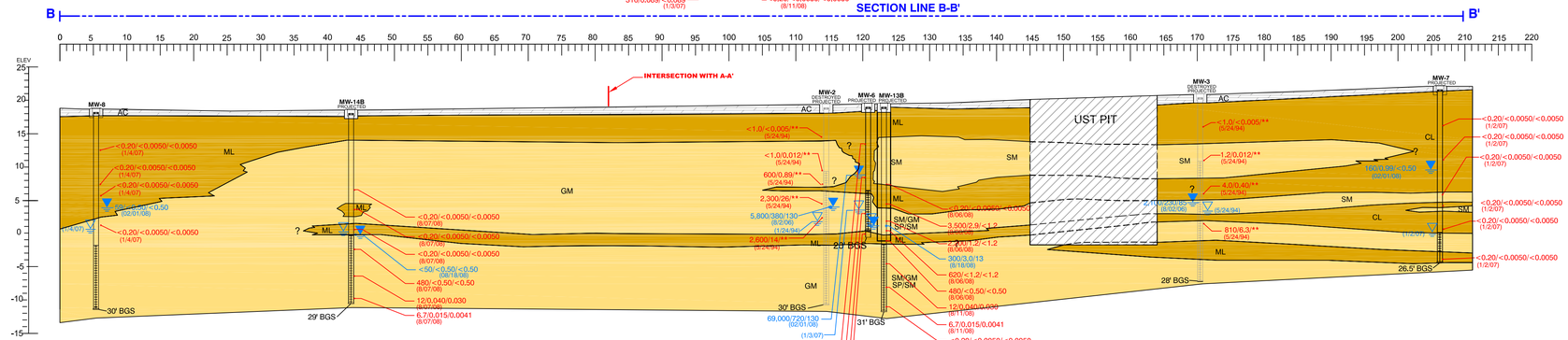
FIGURE: **2**

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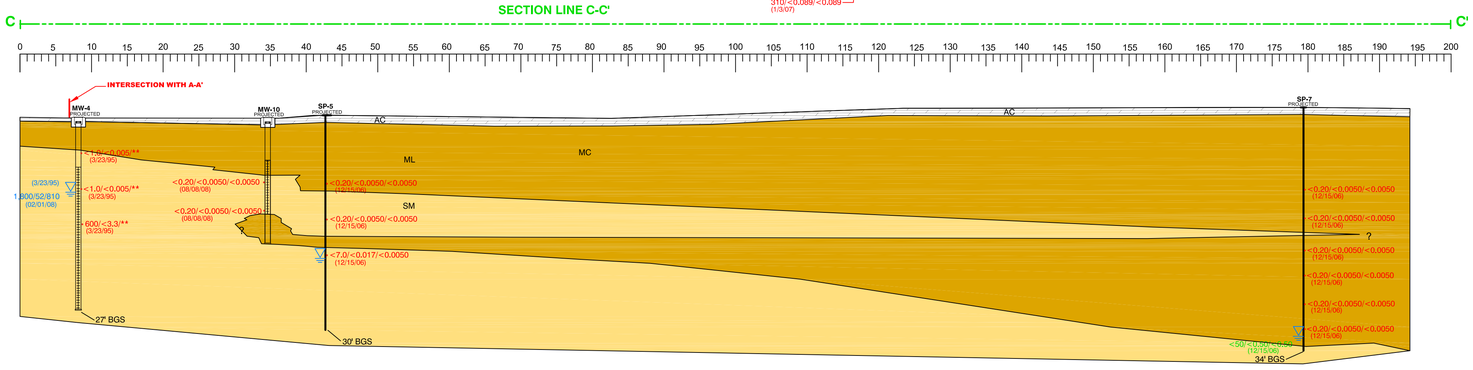
CROSS-SECTION A-A'



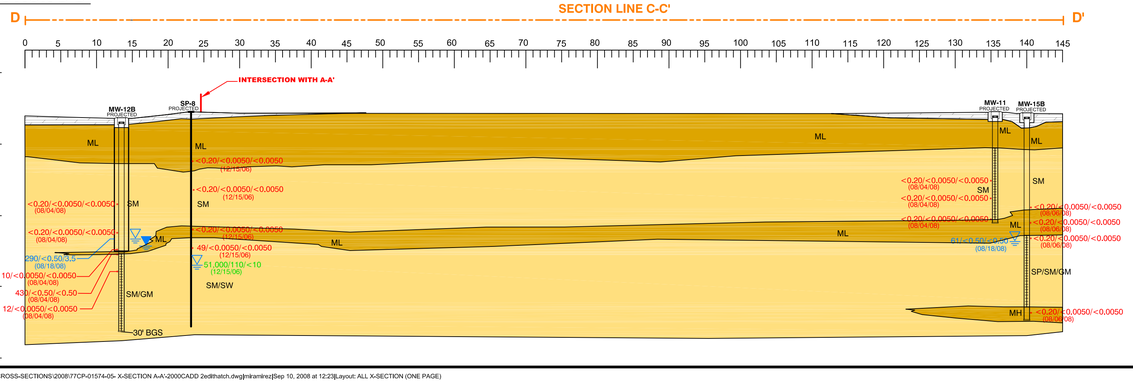
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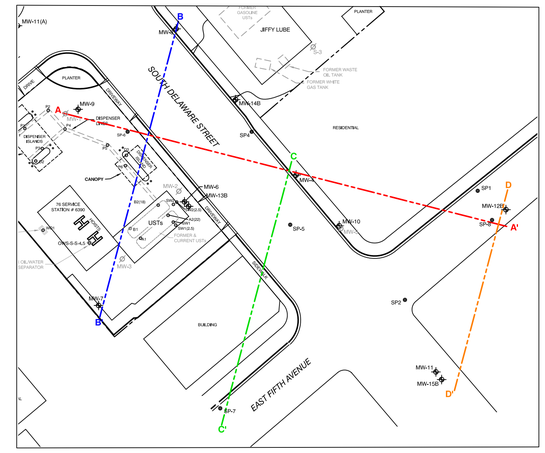


CROSS-SECTION C-C'



CROSS-SECTION D-D'





CROSS-SECTION LOCATION MAP SCALE: 1" = 50'

LEGEND:

TPPH = TOTAL PURGEABLE PETROLEUM HYDROCARBONS
MTBE = METHYL TERIARY BUTYL ETHER

00/00/00 SOIL ANALYTICAL DATA (TPPH/Benzene/MtBE) (** NO MTBE DATA) mg/kg
00/00/00 GROUNDWATER ANALYTICAL DATA (TPPH/Benzene/MTBE) µg/L
00/00/00 GRAB GROUNDWATER (TPPH/Benzene/MTBE) µg/L

mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER

STATIC GROUNDWATER (DATE)
INITIAL GROUNDWATER DURING DRILLING (DATE)

WELL CASING
CONDUCTOR CASING
SCREENED INTERVAL FOR MONITORING WELLS
SOIL BORING

CLAY AND SILT (ML/CL/MH)
CLAYEY SAND TO SAND WITH GRAVEL (SC/SM/SW/GM)
PAVEMENT (AC)
INTERPRETED SOIL STRATIGRAPHIC BOUNDARY

10 0 0 10
APPROXIMATE SCALE IN FEET

Stantec

FOR: ConocoPhillips
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GEOLOGIC CROSS SECTIONS A-A', B-B', C-C' AND D-D'

FIG: 3

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LEGEND:

- MW-4 — GROUNDWATER MONITORING WELL (76)
- MW-12B — MONITORING WELL (76)
- MW-8(A) — GROUNDWATER MONITORING WELL (ARCO)
- MW-1 — DESTROYED GROUNDWATER MONITORING WELL
- S-1 — DESTROYED SHELL GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY LINE
- GRADIENT 0.003 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 2.00 — GROUNDWATER ELEVATION CONTOUR (FEET)
- 2.06 — GROUNDWATER ELEVATION (FEET)
- * — NOT USED IN CONTOURING ANOMALOUS DATA

RESIDENTIAL
BUILDING
MW-8(A)
BUILDING
MW-9(A)
BUILDING
MW-11(A)
BUILDING
EAST FOURTH AVENUE
DRIVE
PLANTER
DRIVEWAY
MW-1
MW-9
DRY
DISPENSER LINES
DISPENSER ISLANDS
DRIVEWAY
CANOPY
CANOPY
DISPENSER ISLAND
76 SERVICE STATION # 6390
AREA OF EXCAVATION
HOIST
FORMER WASTE OIL TANK
FORMER OIL/WATER SEPARATOR
MW-3
BUILDING
RESIDENTIAL BUILDING
RESIDENTIAL BUILDING
BUILDING
MW-7
2.40
MW-2
MW-6
2.21
MW-13B
2.22
FORMER & CURRENT USTs
DRIVEWAY
SIDEWALK
BUILDING
EAST FIFTH AVENUE
SOUTH DELAWARE STREET
PLANTER
LANDSCAPING
S-1
S-2
FORMER SHELL SERVICE STATION
FORMER GASOLINE USTs
JIFFY LUBE
S-3
PLANTER
MW-8
2.31
MW-14B
2.21
FORMER WASTE OIL TANK
FORMER WHITE GAS TANK
RESIDENTIAL
MW-4
2.05
MW-10
DRY
MW-5
GRADIENT 0.003
MW-12B
1.69
MW-11*
4.52
MW-15B
1.80
2.30
2.40
2.20
2.10
2.00
1.90
1.80
1.70
?

N

0 40 80

SCALE IN FEET

*No warranty is made by Stantec Consulting Corp. as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.

REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007 AND BY MID COAST ENGINEERS ON AUGUST 18, 2008

Stantec

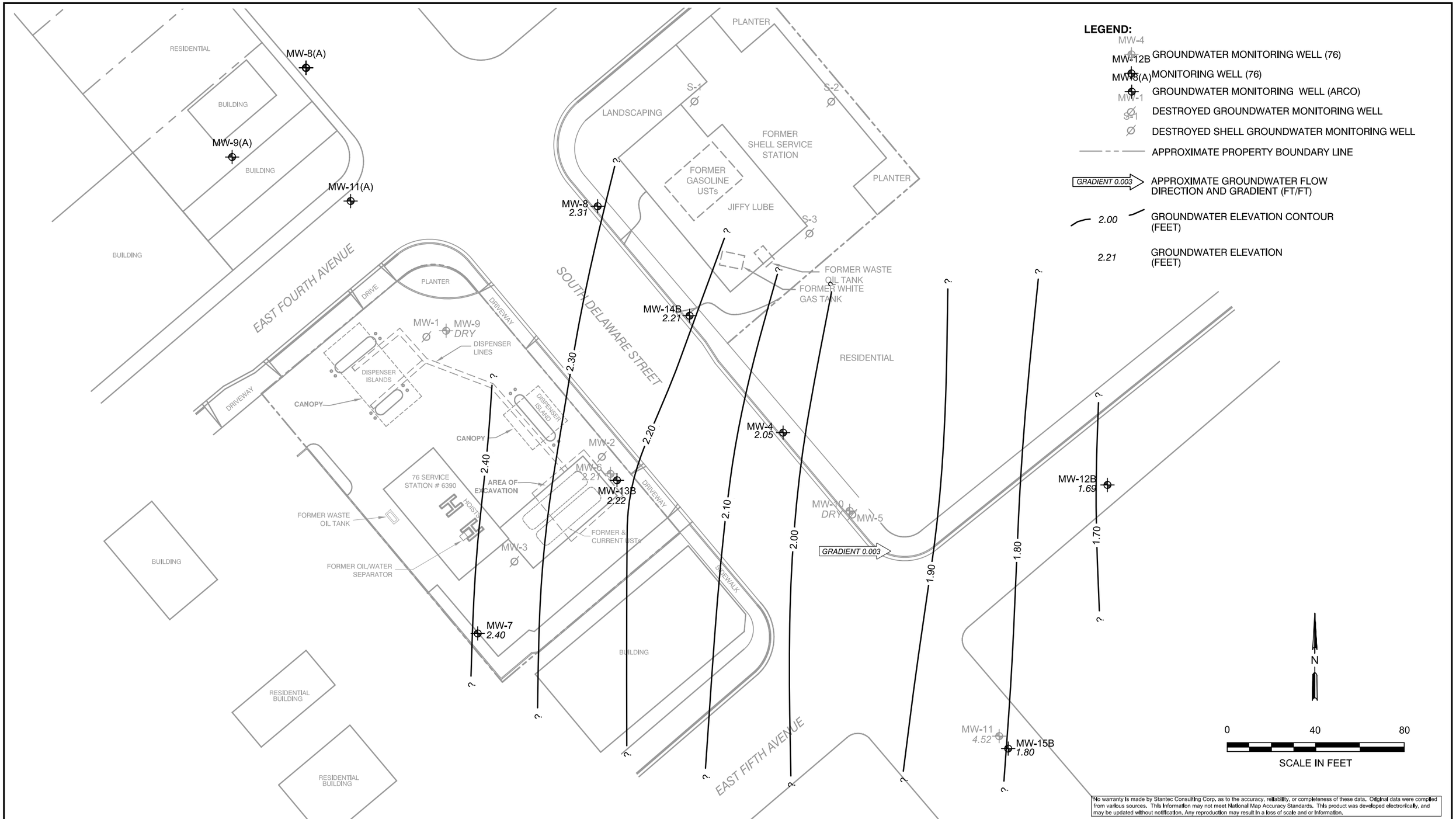
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP AUGUST 18, 2008

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.43	MDR/STA	LS	DMB	09/08/08

FILEPATH:M:\ConocoPhillips\6390\AUTOPOST 2008\3RD Qtr\FIG-4 CP-6390 GW-ELEV.dwg|miramirez|Sep 10, 2008 at 15:49|Layout: 11x17



LEGEND:

- MW-4 — GROUNDWATER MONITORING WELL (76)
- MW-12B — MONITORING WELL (76)
- MW-8(A) — GROUNDWATER MONITORING WELL (ARCO)
- MW-1 — DESTROYED GROUNDWATER MONITORING WELL
- S-1 — DESTROYED SHELL GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY LINE
- GRADIENT 0.003 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 2.00 — GROUNDWATER ELEVATION CONTOUR (FEET)
- 2.21 — GROUNDWATER ELEVATION (FEET)

REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007 AND BY MID COAST ENGINEERS ON AUGUST 18, 2008

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Stantec

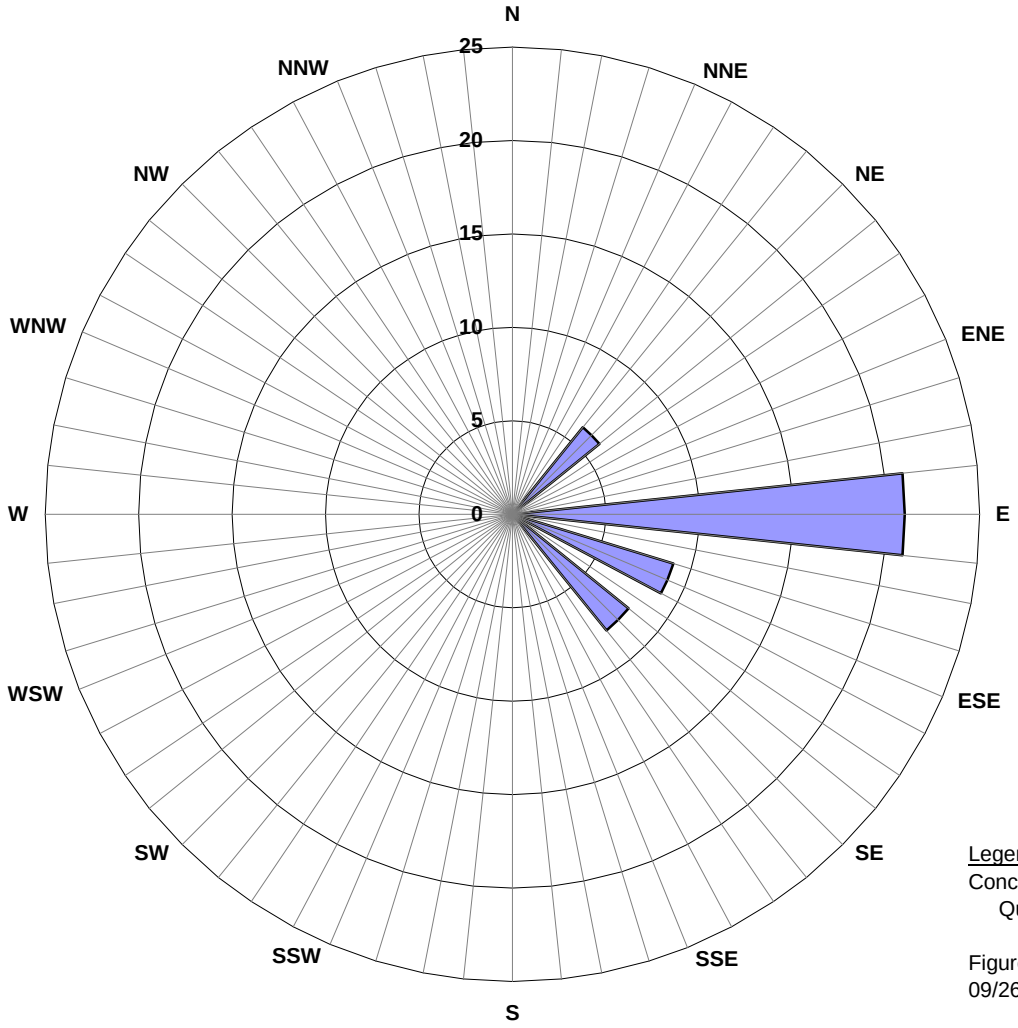
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP DEEP ZONE AUGUST 18, 2008

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.43	MDR/STA	LS	DMB	09/08/08

FIGURE 6
GROUNDWATER FLOW DIRECTION ROSE DIAGRAM
76 Service Station #6390
402 South Delaware Street
San Mateo, California



Legend
Concentric Circles represent
Quarterly Montoring Events

Figure represents data collected between
09/26/1994 and 8/18/2008

44 events shown

LEGEND:

- COMMERCIAL
- RESIDENTIAL
- (B) BASEMENT
- (S) SUMP
- RESPONDED TO SURVEY
- SURVEY BOUNDARY

EAST THIRD AVENUE
SOUTH EL DORADO STREET
SOUTH DELAWARE STREET
EAST FOURTH AVENUE
CLARMONT STREET
EAST FIFTH AVENUE
RAIL ROAD AVENUE
RAIL ROAD AVENUE
RAIL ROAD AVENUE
500 FOOT RADIUS
SITE
ARCO STATION BUILDING
PG&E

034-184-090
034-184-050
034-188-140
034-188-150
034-188-160
033-164-160
033-167-130
033-167-120
033-167-110
033-167-100
033-167-140
033-167-010
033-167-020
033-167-030
033-167-040
033-167-060
033-167-050
034-185-120
034-185-110
034-185-190
034-185-200
034-185-140
034-185-150
034-185-030
034-185-040
034-185-050
034-185-170
034-189-080
034-189-040
034-189-050
034-189-100
033-291-080
033-291-070
033-291-060
033-291-050
033-291-040
033-291-030
033-291-020
033-291-010
033-291-090
033-291-280
033-291-270
033-291-260
034-182-010
034-182-110
034-182-100
034-182-020
034-182-030
034-182-150
034-182-040
034-182-050
034-182-060
034-186-080
034-186-070
034-186-060
034-186-090
033-283-060
033-283-050
033-283-040
033-283-030
033-283-020
033-283-010
033-283-070
033-283-080
033-283-090
033-283-100
033-283-280
033-283-270
033-283-260
033-283-250
033-283-240
033-283-230
033-283-220
033-283-290
033-282-470
033-282-460
033-282-020
033-282-030
033-282-040
033-282-050
033-282-060
033-282-380
034-183-060
033-281-140
033-281-010

N

0 100 150 200

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON PARCEL MAPS PROVIDED BY THE SAN MATEO COUNTY ASSESSOR'S OFFICE.

Stantec

FOR:
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

500 FOOT RADIUS SEARCH MAP

FIGURE: **7**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.47	MDR/STA	LS	DMB	08/28/08



REFERENCE: GOOGLE EARTH, SAN MATEO, CALIFORNIA

0 1/2 1

SCALE (MILES)

North

CALIFORNIA

= IDENTIFIED RECEPTORS

A. 1015 2ND AVENUE
B. CENTRAL PARK - CITY OF SAN MATEO
C. CENTRAL PARK - CITY OF SAN MATEO
D. KING CENTER - CITY OF SAN MATEO 725 MONTE DIABLO AVENUE
1. KINDER COURT SCHOOL SYSTEM
2. INTERCOMMUNCAL SURVIVAL SCHOOL
3. LITTLE WONDERS
4. ST. MATHEWS EPISCOPAL SCHOOL
5. SUNNYBRAE ELEMENTARY
6. GAZELL DEVELOPMENT SCHOOL
7. ST. MATHEWS CATHOLIC SCHOOL
8. BRIGHTER FUTURES FAMILY DAYCARE
9. GROW WITH US DAYCARE
10. FAMILY SERVICES AGENCY OF SAN MATEO
11. HOPE EVANGELICAL LUTHERAN CHURCH ELCA
12. SECOND BAPTIST CHURCH
13. FREE CHURCH OF TORGA
14. SAN MATEO BAPTIST CHURCH
15. MACEDORIA CHURCH OF GOD-CHRIST
16. STURGE PRESBYTERIAN CHURCH
17. COMMUNITY BAPTIST CHURCH
18. CONGRETIONAL CHURCH
19. ST. MATHEWS EPISCOPAL CHURCH
20. CHRISTIAN SCIENCE CHURCHES
21. CHRIST CHURCH OF BAY AREA
22. ST. MATHEWS CATHOLIC CHURCH
23. CHURCH OF CHRIST
24. TENSHO KOTAI JINGUKYO
25. SUNRISE ASSISTED LIVING OF SAN MATEO
26. MILLS PENINSULA HOSPITAL

= IRRIGATION WELL

= ½ MILE RADIUS

Stantec

FOR: 76
SERVICE STATION NO.6390
402 S. DELAWARE STREET
SAN MATEO, CA.

1/2 MILE RECEPTOR SURVEY RADIUS

FIGURE: **8**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01235.47	CM	LS	DMB	08/28/08

FILEPATH:M:\ConocoPhillips\6390\FIG 7 HALF MILE.DWG|miramirez|Sep 10, 2008 at 16:02|Layout: Layout1

TABLES

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																						
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 **a**	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	**1.1**	**67**	**73**	**6.0**	**44**
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	**5.9 b**	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																						
SP-5																						
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-6																						
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	**68 e**	<0.050 **e**	<0.050 **e**	**1.6 e**	**3.3 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
SP-7																						
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-20-20.5	20-20.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8																						
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	**49 e**	<0.050 **e**	<0.050 **e**	**2.1 e**	**7.4 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
Groundwater Monitoring Wells																						
MW-1																						
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																						
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																						
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-4																						
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																						
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6			--	--																		
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** e	**0.18** e	**32** e	**20** e	**110** e	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** e	<0.25 e	**1.3** e	**10** e	**38** e	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** e	**0.089** e	**2.7** e	**10** e	**37** e	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089** e	<0.0050 e	<1.0 e	--	--	--	--	--
MW-7			--	--																		
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-8			--	--																		
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-9			--	--																		
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-10			--	--																		
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-11			--	--																		
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B			--	--																		
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17** e	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430** e	<0.50 e	<0.50 e	**3.4** e	**7.6** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12** e	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76** e	**0.0099** e, f	**0.011** e, f	**1.5** e	**3.1** e	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034** e, f	<0.025 e	<0.25 e	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015** f	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-13B			--	--																		
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500** e	**2.9** e	**250** e	**85** e	**660** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200** e	**1.2** e	**86** e	**38** e	**220** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620** e	<1.2 e	**12** e	**14** e	**73** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480** e	<0.50 e	**2.1** e	**11** e	**47** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12** e	**0.040** e, f	**0.78** e	**0.38** e	**1.9** e	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030** e, f	<0.050 e	<0.50 e	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7** e	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** f	<0.0050	<0.050	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--
MW-14B			--	--																		
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-15B			--	--																		
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
Oil/Water Separator Removal																						
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPHd	Total petroleum hydrocarbons as diesel
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 6000/7000

a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 0.0064 mg/kg. The additional HVOCs were reported as non-detect.
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL'S and MDL's was raised due to sample dilution.
f Estimated Value (CLP Flags)

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates								PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic [5] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)				
UST Replacement Water Sample																										
W1	--	--	8/25/1992	21	--	--	--	--	28,000 **a**	50,000	1,200	6,700	1,400	10,000	--	--	--	--	--	--	--	--	--			<0.050
Monitoring Wells																										
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.8	-2.93	-2.38	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.9	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	--	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	10	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.5	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.2	5.67	2.30	0	No	--	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.7	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.7	-1.83	-1.53	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--	--	--
			11/18/96	17.01	-2.14	-0.40	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/20/97	8.96	5.91	8.05	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			05/27/97	15.37	-0.50	-6.41	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			08/26/97	17.01	-2.14	-1.64	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			11/25/97	16.5	-1.63	0.51	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/13/98	6.07	8.80	10.43	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			05/21/98	11.76	3.11	-5.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/17/98	15.15	-0.28	-3.39	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/19/98	16.13	-1.26	-0.98	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/15/99	10.94	3.93	5.19	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			05/13/99	12.7	2.17	-1.76	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/10/99	15.39	-0.52	-2.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/09/99	16.28	-1.41	-0.89	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/14/00	10.38	4.49	5.90	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			05/18/00	13.62	1.25	-3.24	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			08/09/00	16.43	-1.56	-2.81	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/08/00	16.2	-1.33	0.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/14/01	13.34	1.53	2.86	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/15/01	16.63	-1.76	-3.29	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/13/02	12.46	2.41	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/26/02	16.26	-1.39	-3.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/18/03	12.09	2.78	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.0	--	--	--	--	--	--
			08/21/03	15.25	-0.38	-3.16	0	No	--	63	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<2.0	--	--	--	--	--	--
			03/30/04	12.05	2.82	3.20	0	No	--	81	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
			08/18/04	16.04	-1.17	-3.99	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
		19.46 †	03/10/05	9.66	9.80	--	0	No	--	84 k	1.70	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	-11.94	-16.33	0	No	--	94	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
			08/02/06	15.08	-15.08	-3.14	0	No	--	69 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-2	10 - 30	14.5 ♦	06/15/94	15.33	-0.83	--	0	No	--	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	--	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	--	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	--	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	--	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.54	-2.04	-1.46	0	No	--	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.8	-3.30	-1.26	0	No	--	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.74	6.76	10.06	0	No	--	10,000	2,400	2,000	530	2,900	--	--	--	--	--	3,500	--	--	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	--	120,000	10,000	39,000	3,100	19,000	--	--	--	--	--	9,900	--	--	--	--	--	--
			08/27/96	16.5	-2.00	-3.27	0	No	--	340,000	1,000	42,000	3,800	22,000	--	--	--	--	--	5,300	--	--	--	--	--	--
			11/18/96	16.9	-2.40	-0.40	0	No	--	32,000	2,500	7,200	760	4,000	--	--	--	--	--	4,400	--	--	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	--	<250	76	3.1	<2.5	13	--	--	--	--	--	1,200	--	--	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	--	39,000	3,700	11,000	1,200	6,700	--	--	--	--	--	4,200	--	--	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	--	69,000	7,200	20,000	2,900	17,000	--	--	--	--	--	4,500	--	--	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	--	110,000	5,800	21,000	3,400	20,000	--	--	--	--	--	3,400	--	--	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	--	10,000	850	510	170	2,000	--	--	--	--	--	630	--	--	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	--	38,000	3,300	6,700	1,200	5,800	--	--	--	--	--	2,200	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates								PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)				
MW-2 (Cont.)			08/17/98	15.2	-0.70	-3.42	0	No	--	79,000 f	6,100	12,000	3,000	17,000	--	--	--	--	--	3,700	--	--	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	--	430	27	20	23	120	--	--	--	--	--	17	--	--	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	--	7,600	900	170	340	1,500	--	--	--	--	--	800	--	--	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	--	53,000	4,100	7,900	2,200	12,000	--	--	--	--	--	1,800	--	--	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	--	59,000	3,300	5,300	2,600	17,000	--	--	--	--	--	1,700	--	--	--	--	--	--
			11/09/99	16.2	-1.70	-0.85	0	No	--	29,900	2,070	1,530	1,610	5,820	--	--	--	--	--	1,300	--	--	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	--	6,460	716	140	478	942	--	--	--	--	--	636	--	--	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	--	27,400	1,830	3,400	1,500	6,160	--	--	--	--	--	1,230 i	--	--	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	--	36,900	2,400	450	2,060	9,510	--	--	--	--	--	1,220	--	--	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	--	50,300	3,110	2,960	2,550	12,000	--	--	--	--	--	872	--	--	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	--	8,090	700	55.90	630	597	--	--	--	--	--	841	--	--	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	--	13,000	1,500	910	1,300	1,300	--	--	--	--	--	910	--	--	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	--	23,000	1,600	2,400	1,500	4,200	--	--	--	--	--	640	--	--	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	--	32,000	1,600	900	2,100	6,300	--	--	--	--	--	<250	--	--	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	--	600	93	13	3.4	46	--	--	--	--	--	98	--	--	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	--	25,000	1,300	330	1,400	5,400	--	--	--	--	--	460	--	--	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	--	9,800	790	800	1,000	1,900	--	--	--	--	--	400	--	--	--	--	--	--
			08/18/04	16	-1.50	-4.82	0	No	--	14,000	1,100	150	2,000	2,000	--	--	--	--	--	600	--	--	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	--	160	16	14	9.7	14	--	--	--	--	--	34	--	--	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	0	No	--	3,400	370	23	750	220	--	--	--	--	--	220	--	--	--	--	--	--
			03/02/06	11.89	-11.89	-15.97	0	No	--	4,100	240	85	160	420	--	--	--	--	--	140	--	--	--	--	--	--
			08/02/06	14.99	-14.99	-3.10	0	No	--	5,800 n	380 n	12 n	840 n	370 n	--	--	--	--	--	130 n	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/03/2007																							
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	--	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	--	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	--	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	--	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.9	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	--	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	17.95	-1.88	-1.50	0	No	--	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	19.25	-3.18	-1.30	0	No	--	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	--	3,200	1,300	99	68	240	--	--	--	--	--	1,700	--	--	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	--	1,300	350	120	42	120	--	--	--	--	--	1,300	--	--	--	--	--	--
			08/27/96	17.9	-1.83	-3.32	0	No	--	14,000	650	210	82	250	--	--	--	--	--	1,200	--	--	--	--	--	--
			11/18/96	18.19	-2.12	-0.29	0	No	--	1,700	440	90	21	150	--	--	--	--	--	1,600	--	--	--	--	--	--
			02/20/97	9.42	6.65	8.77	0	No	--	<50	1.3	<0.50	<0.50	<0.50	--	--	--	--	--	200	--	--	--	--	--	--
			05/27/97	16.67	-0.60	-7.25	0	No	--	12,000	1,700	1,000	520	2,900	--	--	--	--	--	2,400	--	--	--	--	--	--
			08/26/97	18.32	-2.25	-1.65	0	No	--	6,400	1,800	100	430	1,300	--	--	--	--	--	2,400	--	--	--	--	--	--
			11/25/97	17.4	-1.33	0.92	0	No	--	7,800	2,000	190	420	750	--	--	--	--	--	2,700	--	--	--	--	--	--
			02/13/98	6.55	9.52	10.85	0	No	--	3,900	1,000	<25	180	150	--	--	--	--	--	1,700	--	--	--	--	--	--
			05/21/98	13.11	2.96	-6.56	0	No	--	320	180	<2.0	<2.0	3.5	--	--	--	--	--	490	--	--	--	--	--	--
			08/17/98	16.51	-0.44	-3.40	0	No	--	115 e	25	0.99	7.3	10	--	--	--	--	--	18	--	--	--	--	--	--
			11/19/98	17.47	-1.40	-0.96	0	No	--	4,600	1,500	<12	430	190	--	--	--	--	--	1,800	--	--	--	--	--	--
			02/15/99	12.35	3.72	5.12	0	No	--	2,400	910	6.5	200	110	--	--	--	--	--	1,200	--	--	--	--	--	--
			05/13/99	13.96	2.11	-1.61	0	No	--	1,900	640	<5.0	48	77	--	--	--	--	--	1,100	--	--	--	--	--	--
			08/10/99	16.08	-0.01	-2.12	0	No	--	14,000	2,600	<50	680	2,000	--	--	--	--	--	2,000	--	--	--	--	--	--
			11/09/99	17.6	-1.53	-1.52	0	No	--	5,060	1,330	<20	292	282	--	--	--	--	--	1,440	--	--	--	--	--	--
			02/14/00	11.64	4.43	5.96	0	No	--	4,400	1,140	64.2	346	338	--	--	--	--	--	946	--	--	--	--	--	--
			05/18/00	14.89	1.18	-3.25	0	No	--	2,770	884	<10	140	109	--	--	--	--	--	735	--	--	--	--	--	--
			08/09/00	17.71	-1.64	-2.82	0	No	--	23,600	2,790	2,470	1,470	4,230	--	--	--	--	--	1,130	--	--	--	--	--	--
			11/08/00	17.51	-1.44	0.20	0	No	--	62,100	3,480	16,000	2,120	9,460	--	--	--	--	--	540	--	--	--	--	--	--
			02/14/01	14.58	1.49	2.93	0	No	--	32,800	2,540	2,660	2,460	7,740	--	--	--	--	--	320	--	--	--	--	--	--
			08/15/01	17.95	-1.88	-3.37	0	No	--	7,700	1,000	<20	830	1,500	--	--	--	--	--	660	--	--	--	--	--	--
			02/13/02	13.72	2.35	4.23	0	No	--	2,300	340	20	170	200	--	--	--	--	--	110	--	--	--	--	--	--
			08/26/02	17.61	-1.54	-3.89	0	No	--	5,900	960	<25	800	1,000	--	--	--	--	<5000	330	--	--	--	--	--	--
			02/18/03	13.32	2.75	4.29	0	No	--	770	160	37	9.7	70	--	--	--	--	--	46	--	--	--	--	--	--
			08/21/03	16.7	-0.63	-3.38	0	No	--	18,000	1,100	260	1,100	4,000	--	--	--	--	--	370	--	--	--	--	--	--
			03/30/04	13.35	2.72	3.35	0	No	--	720	140	<1.0	6.0	14	--	--	--	--	--	47	--	--	--	--	--	--
			08/18/04	17.43	-1.36	-4.08	0	No	--	3,500	740	<2.5	25	15	--	--	--	--	--	150	--	--	--	--	--	--
MW-3 (Cont.)		20.69 †	03/10/05	10.89	9.80	--	0	No	--	130	43	1.0	1.0	6.2	--	--	--	--	--	19	--	--	--	--	--	--
			08/11/05	16.44	4.25	-5.55	0	No	--	1,900	260	6.1	12	26	--	--	--	--	--	140	--	--	--	--	--	--
			03/01/06	13.29	-13.29	-17.54	0	No	--	2,100	330	3.6	14	58	--	--	--	--	--	120	--	--	--	--	--	--
			08/02/06	16.37	-16.37	-3.08	0	No	--	2,100	230 n	11	44	240	--	--	--	--	--	85	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	--	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	--	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.51	-2.13	-1.36	0	No	--	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates								PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic Lead [6] (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)				
MW-4 (Cont.)			12/08/95 c	17.82	-3.44	-1.31	0	No	--	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	--	44,000	3,400	11,000	1,300	7,200	--	--	--	--	--	1,700	--	--	--	--	--	--
			05/29/96	13.3	1.08	-5.42	0	No	--	100,000	5,100	28,000	3,200	19,000	--	--	--	--	--	4,000	--	--	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	--	41,000	2,200	3,300	780	4,000	--	--	--	--	--	500	--	--	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	--	29,000	2,300	4,000	1,100	5,600	--	--	--	--	--	3,000	--	--	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	--	<250	65	3.70	<2.5	15	--	--	--	--	--	1,100	--	--	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	--	5,500	690	460	200	1,600	--	--	--	--	--	290	--	--	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	--	21,000	1,600	3,000	1,000	5,400	--	--	--	--	--	530	--	--	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	--	24,000	1,000	2,300	840	4,800	--	--	--	--	--	250	--	--	--	--	--	--
			02/13/98	5.8	8.58	10.07	0	No	--	62 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--	--	--
			05/21/98	11.86	2.52	-6.06	0	No	--	86	0.86	<0.50	<0.50	<0.50	--	--	--	--	--	8.4	--	--	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	--	120	3.1	6.5	<0.50	18	--	--	--	--	--	6.4	--	--	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	--	230	7.8	42	5.5	43	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	--	68 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.0	--	--	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	--	1,320	38	211	50	228	--	--	--	--	--	<25	--	--	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	--	51.3	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.86	--	--	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	--	534	8.75	62	26.3	131	--	--	--	--	--	2.56	--	--	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	--	2,190	34	347	70.6	536	--	--	--	--	--	<12.5	--	--	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	--	287	5.37	13.4	9.52	32.9	--	--	--	--	--	16.9	--	--	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	--	490	4.2	48	20	140	--	--	--	--	--	2.7	--	--	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	--	58 e	2.30	<0.50	<0.50	1.60	--	--	--	--	--	21	--	--	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	--	180	1.50	15	1.10	55	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	--	550	58	3.50	<0.50	110	--	--	--	--	--	33	--	--	--	--	--	--
			08/21/03	15.3	-0.92	-3.18	0	No	--	120	<0.50	<0.50	<0.50	1.20	--	--	--	--	--	<2.0	--	--	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	--	220	0.91	<0.50	1.50	1.30	--	--	--	--	--	24	--	--	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	--	81	<0.50	<0.50	0.60	2.80	--	--	--	--	--	<0.50	--	--	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	--	8,600	290	360	560	1,800	--	--	--	--	--	41	--	--	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	--	140	3.9	6.1	2.2	7.7	--	--	--	--	--	0.23	--	--	--	--	--	--
			03/01/06	11.91	-11.91	-15.82	0	No	--	2,800	70	37	200	370	--	--	--	--	--	43	--	--	--	--	--	--
			08/02/06	15.08	-15.08	-3.17	0	No	--	170 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	0.84	--	--	--	--	--	--
			01/26/07	14.91	4.11	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	83	--	--	--
			08/28/07	16.85	2.17	-1.94	0	No	--	<50 s,l	<0.50	<0.50	<0.50	<0.50						<0.50			43	n.t		
			02/01/08 r	10.32	8.70	4.59	0	No	--	1,800 n	52	5.0	7.6	410 n	--	--	--	--	--	8.0	--	--	68	8.1	8.9	--
		19.01 ‡‡	8/18/2008	16.96	2.05	-2.06	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	--	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.8	0.45	-1.11	0	No	--	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.1	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 b	16.51	-2.26	-1.41	0	No	--	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 c	17.77	-3.52	-1.26	0	No	--	200 d	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	--	310	93	0.95	0.62	4.10	--	--	--	--	--	2,100	--	--	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	--	180	9.70	12	1.70	8.10	--	--	--	--	--	730	--	--	--	--	--	--
			08/27/96	16.5	-2.25	-3.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	69	--	--	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	--	91	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	26	--	--	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	--	<50	2.30	<0.50	<0.50	0.87	--	--	--	--	--	280	--	--	--	--	--	--
			05/27/97	15.23	-0.98	-6.45	0	No	--	91	<0.50	<0.50	<0.50	0.62	--	--	--	--	--	20	--	--	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	--	81	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	--	110	1.40	1.10	0.55	3.10	--	--	--	--	--	9	--	--	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	--	100 e	0.53	<0.50	<0.50	<0.50	--	--	--	--	--	22	--	--	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	--	120	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	73	--	--	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	--	110	110	<0.50	<0.50	<0.50	--	--	--	--	--	11	--	--	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	--	100 g	1.20	<0.50	0.50	0.88	--	--	--	--	--	13	--	--	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	--	110 e	<0.50	<0.50	<0.50	8.80	--	--	--	--	--	8.80	--	--	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	--	98	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	7.10	--	--	--	--	--	--
			08/10/99	15.4	-1.15	-2.73	0	No	--	120 f	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	--	120 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	--	133 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	13.30	--	--	--	--	--	--
			05/18/00	13.55	0.70	-3.48	0	No	--	114 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	24.10	--	--	--	--	--	--
			08/09/00	16.5	-2.25	-2.95	0	No	--	180 j	0.53	2.09	<0.50	2.19	--	--	--	--	--	7.76	--	--	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	--	131	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	2.86	--	--	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	--	175 e	<0.50	0.54	<0.50	0.69	--	--	--	--	--	13.40	--	--	--	--	--	--
			08/15/01	16.55	-2.30	-3.48	0	No	--	390	3.40	38	16	110	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	--	100 e	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	10	--	--	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	--	310	7.20	33	4.60	76	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	--	400	64	<1.0	<1.0	6.40	--	--	--	--	--	210	--	--	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	--	310	3.30	4.30	1.10	14.00	--	--	--	--	--	2.10	--	--	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	--	360	13	<0.50	<0.50	<1.0	--	--	--	--	--	73	--	--	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	--	50,000	740	830	2,200	20,000	--	--	--	--	--	120	--	--	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	--	530	7.80	<1.0	<1.0	2.40	--	--	--	--	--	320	--	--	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	--	350	12	6.3	2.5	32	--	--	--	--	--	3.2	--	--	--	--	--	--
			03/01/06	11.82	-11.82	-15.64	0	No	--	460	2.8	<0.50	<0.50	<1.0	--	--	--	--	--	43	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates 1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic Lead [6] (mg/L)
MW-5 (Cont.)			08/02/06	15.04	-15.04	-3.22	0	No	--	370 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.4	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/04/2007																							
MW-6	13 - 19	19.07 ‡	01/26/07	14.79	4.28	--	0	No	--	67,000 n	380 n	8,600 n	3,600 n	17,000 n	--	--	--	--	--	62	--	--	<0.50	--	--	--
			08/28/07	16.75	-16.75	-21.03	0	No	--	67,000 n,s	520 n	6,300 n	4,600 n	25,000 n	--	--	--	--	--	100 n	--	--	<50 n,t	--	--	--
			02/01/08 r	10.80	-10.80	5.95	0	No	--	69,000 n	720 n	5,000 n	3,100 n	21,000 n	--	--	--	--	--	130 n	--	--	<50 n	--	--	--
		19.08 ‡‡	8/18/2008	16.87	2.21	-2.07	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-7	22 - 25	21.74 ‡	01/26/07	17.17	4.57	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	100 n	--	--	--
			08/28/07 u	19.19	-19.19	-23.76	0	No	--	<50 l,s	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	-- v	--	--	--
			02/01/08 r	12.64	-12.64	6.55	0	No	--	160 l	0.99	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	84 n	7.5	15	--
		21.74 ‡‡	8/18/2008	19.34	2.40	-2.17	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-8	17 - 30	18.42 ‡	01/26/07	14.09	4.33	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	26	--	--	--
			08/28/07	15.98	-15.98	-20.31	0	No	--	<50 s	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	15 t	--	--	--
			02/01/08 r	9.66	-9.66	6.32	0	No	--	59 l	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	29	1.5	0.70	--
			8/18/2008	16.11	2.31	-2.02	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-9	11.5 - 15	19.42 ‡	01/26/07	14.90	4.52	--	0	No	--	<50 o	<0.50	<0.50	<0.50	0.73	--	--	--	--	--	<0.50	--	--	10	--	--	--
			08/28/07	14.98	-14.98	-19.50	0	No	--	WELL WAS NOT SAMPLED - REPORTED AS DRY																
			2/1/2008 v	10.50	-10.50	4.48	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	10	0.88	0.85	--
			8/18/2008	DRY	--	--	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-10	6-13.5	19.17 ‡‡	8/18/2008	DRY	--	--	0	No	--	**MONITORING WELL REPORTED DRY - NOT SAMPLED**																
MW-11	5-15	19.23 ‡‡	8/18/2008	14.71	4.52	--	0	No	--	**INSUFFICIENT AMOUNT OF WATER FOR SAMPLE COLLECTION**																
MW-12B	19-29	18.68 ‡‡	8/18/2008	16.99	1.69	--	0	No	--	290 l	<0.50	<0.50	0.70	1.9	<0.50	<0.50	<0.50	<0.50	<250	3.5 n	<0.50	<10	270	36	41 r	--
MW-13B	21-31	19.14 ‡‡	8/18/2008	16.92	2.22	--	0	No	--	300 l	3.0	0.98	<0.50	5.4	<0.50	<0.50	<0.50	<0.50	<250	13 n	<0.50	<10	280	33	32 r	--
MW-14B	18.8-28.8	18.47 ‡‡	8/18/2008	16.26	2.21	--	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	21	1.4	0.83 r	--
MW-15B	17-27	19.12 ‡‡	8/18/2008	17.32	1.80	--	0	No	--	61 l	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	60	2.5	1.9 r	--
Soil Borings																										
SP1	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--			--
SP2	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--			--
SP4	--	--	02/14/96	10.5	--	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--			--
SP-5	--	--	12/15/06	15.6	--	--	0	--	--	21,000 n	1,300 n	1,500 n	1,400 n	4,000 n	<10 n	<10 n	<10 n	<10 n	<5000 n	330 n	<10 n	<200 n	-- n			--
SP-6	--	--	12/15/06	15	--	--	0	--	--	38,000 n	<10 n	<10 n	570 n	660 n	<10 n	<10 n	<10 n	<10 n	<5000 n	<10 n	<10 n	<200 n	-- n			--
SP-7	--	--	12/15/06	32	--	--	0	--	--	<50 q	<0.50	<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	90			--
SP-8	--	--	12/15/06	15.2	--	--	0	--	--	51,000 n	110 n	100 n	3,000 n	9,600 n	<10 n	<10 n	<10 n	<10 n	<5000 n,p	<10 n	<10 n	<200 n	-- n			--

Notes:

<	Denotes less than laboratory PQL	cis-1,2-DCE	Cis-1,2-dichloroethene	GW	Groundwater	PQL	Practical Quantitaion Limit	TCE	Trichloroethene
--	Not analyzed/applicable/measured	DIPE	Di-isopropyl ether	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TOC	Top of casing
mg/L	Milligrams per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether	TPHd	Total petroleum hydrocarbons as diesel
µg/L	Micrograms per liter	EPA	U.S. Environmental Protection Agency	PCE	Tetrachloroethene	TBA	Tertiary butyl alcohol	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether						

♦ The elevations have been surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
† The TOC elevations were re-surveyed by Morrow Surveying to the NAVD 88 Datum by GPS observations on 8/13/2005.
‡ The TOC elevations were surveyed by Morrow Surveying to the NAVD 88 Datum by GPS Observations on 1/18/2007.
‡‡ The TOC elevations were surveyed by MidCoast Engineers to the NAVD 88 Datum by GPS observations on 8/18/2008.

1 Analyzed by EPA Method 3510/3520/8015.
2 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
3 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4 Analyzed by EPA Method 8260B.
5 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
6 Analyzed by California LUFT Manual, 12/87.

a Chromatograph pattern: diesel and non-diesel mixture (<C16; >C22).
b The presence of MTBE was potentially identified at reportable levels.
c The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
d The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
e Chromatograph pattern: unidentified hydrocarbons C6-C12
f Chromatograph pattern: weathered gasoline: C6-C12
g Chromatograph pattern: discrete peaks C8-C12
h Chromatograph pattern: discrete peaks
i Sample was additionaly run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
j Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
k The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
l Chromatogram not typical of gasoline.
m TPPH was positive due to tetrachloroethane present in the sample.
n PQL's and MDL's were raised due to sample dilution.
o Tetrachloroethene was subtracted from the gasoline range TPH.
p The Continuing Calibration Verification (CCV) recovery was not within established control limits.
q The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.
r Sample also analyzed for trans-1,2-dichloroethene; non detect above 0.5 µg/L.
s PCE, TCE, and 1,2-DCE were subtracted from the gasoline range TPPH.
t Samples hold time was exceeded.
u Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007
v Not enough sample to re-run for PCE.

TABLE 3
HISTORICAL GROUNDWATER GRADIENT DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Monitoring Date	Groundwater Gradient (feet/feet)		Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
09/26/94	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/20/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12/12/94	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/24/95	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
04/07/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
05/31/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
06/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/25/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09/08/95	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12/08/95	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/08/96	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
05/29/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/27/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/96	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/20/97	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/27/97	0.03		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/26/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/25/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/98	0.01	♦	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/21/98	0.004 - 0.02		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/17/98	0.003	♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/19/98	0.004 - 0.03		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/15/99	0.002 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/13/99	0.004 - 0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/10/99	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/09/99	0.002 - 0.003	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/00	0.001 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/18/00	0.007 - 0.02	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/09/00	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/08/00	0.004 - 0.05	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/01	0.005 - 0.01	♦♦♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/15/01	0.004 - 0.02	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/02	0.005 - 0.03	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
08/26/02	♦♦♦♦																	
02/18/03	0.005 - 0.03	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
08/21/03	0.004 - 0.02	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
03/30/04	0.003	♦♦																
08/18/04	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/10/05	0.003		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/11/05	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/01/06	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/02/06	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/26/07	0.002		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/28/07	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/01/08	0.002		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/18/08	**0.003**		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		Sum																
Average =	0.006		0	0	6	0	21	9	8	0	0	0	0	0	0	0	0	0

Notes:

♦ Wells from Arco Station #0515 at 300 Delaware used in creating groundwater contours.

♦♦ Groundwater flow direction was variable.

♦♦♦ Wells from Arco Station #0515, at 300 Delaware Street, and Tosco Station #4178, at 615 Third Avenue, used in creating groundwater contours.

♦♦♦♦ Gradient and flow direction data missing from file copy of report.

TABLE 4
HISTORICAL SOIL VAPOR ANALYTICAL RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Date Sampled	Leak-Check Compund	TPPH [1]	BTEX [2]					Fuel Oxygenates [2]										Atmospheric Gases [3]		
		2-Propanol (µg/m³)	(µg/L)	Benzene (µg/m³)	Toluene (µg/m³)	Ethylbenzene (µg/m³)	m,p-Xylene (µg/m³)	o-Xylene (µg/m³)	1,2-DCA (µg/m³)	1,3-DCB (µg/m³)	1,4-DCB (µg/m³)	EDB (µg/m³)	ETBE (µg/m³)	Ethanol (µg/m³)	IPE (µg/m³)	MTBE (µg/m³)	TAME (µg/m³)	TBA (µg/m³)	Oxygen (%)	Methane (%)	Carbon Dioxide (%)
VP-1																					
	1/19/2007	<7.2	<0.15	<2.3	**16**	<3.2	**8.2**	<3.2	<3.0	<4.4	<4.4	<5.6	<12	<5.5	<12	<2.6	<12	<22	**22**	<0.00015	**0.46**
	2/1/2007	<6.6	<0.14	<2.1	**5.4**	<2.9	**6.3**	**3.5**	<2.7	<4.0	<4.0	<5.1	<11	<5.0	<11	<2.4	<11	<20	**21**	<0.00013	**0.52**
VP-2																					
	1/19/2007	<6.8	<0.14	<2.2	**3.4**	**3.2**	**3.5**	**13**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**22**	<0.00014	**0.63**
duplicate	1/19/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	<0.00014	**0.64**
	2/1/2007	<6.8	<0.14	<2.2	<2.6	<3.0	<3.0	**6.3**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**21**	<0.00014	**0.55**
VP-3																					
	1/19/2007	<7.3	**0.75**	<2.2	**13**	**14**	**42**	**29**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	**21**	<0.00015	**0.98**
duplicate	1/19/2007	<7.3	--	<2.4	**13**	**15**	**43**	**30**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	--	--	--
	2/1/2007	**12**	**0.27**	<2.2	**3.7**	**5.8**	**7.8**	**12**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**20**	<0.00014	**1.0**
duplicate	2/1/2007	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUBSLAB																					
	2/6/2007	**16**	<0.23	<3.6	<4.2	<4.8	<4.8	<4.8	<4.5	<6.7	<6.7	<8.6	<19	<8.4	<19	<4.0	<19	<34	**20**	<0.00022	**1.7**

Notes:

<	Denotes less than laboratory reporting limits	1,3-DCB	1,3-Dichlorobenzene	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether
%	Percent	1,4-DCB	1,4-Dichlorobenzene	ETBE	Ethyl tertiary butyl ether	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	1,2-DCA	1,2-Dichloroethane	IPE	Isopropyl ether	TBA	Tertiary butyl alcohol
µg/m³	Micrograms per cubic meter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether		

1 Analyzed by Modified EPA Method TO-3 GC/FID as TPH (total petroleum hydrocarbons - gasoline range)
2 Analyzed by Modified EPA Method TO-14A GC/MS Full Scan
3 Analyzed by ASTM D-1946

TABLE 5
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
Monitoring Wells															
MW-10															
MW-10, 9'	9	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-10, 13'	13	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-11															
MW-11, 9.5'	9.5	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-11, 12'	12	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-11, 15'	15	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B															
MW-12B 12'	12	8/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B 16'	16	8/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B 18.5'	18.5	8/4/2008	**17** a	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B 19'	19	8/4/2008	**430** a	<0.50 a	<0.50 a	**3.4** a	**7.6** a	<0.50 a	<0.50 a	<0.50 a	<0.50 a	<100 a	<0.50 a	<0.50 a	<5.0 a
MW-12B 21.5'	21.5	8/4/2008	**12** a	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B, 23'	23	8/8/2008	**76** a	**0.0099** a, b	**0.011** a, b	**1.5** a	**3.1** a	<0.025 a	<0.025 a	<0.025 a	<0.025 a	<5.0 a	**0.0034** a, b	<0.025 a	<0.25 a
MW-12B,27'	27	8/8/2008	**2.2**	**0.0015** b	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-13B															
MW-13B 12'	12	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-13B 15'	15	8/6/2008	**3500** a	**2.9** a	**250** a	**85** a	**660** a	<1.2 a	<1.2 a	<1.2 a	<1.2 a	<250 a	<1.2 a	<1.2 a	<12 a
MW-13B 17.5'	17.5	8/6/2008	**2200** a	**1.2** a	**86** a	**38** a	**220** a	<1.2 a	<1.2 a	<1.2 a	<1.2 a	<250 a	<1.2 a	<1.2 a	<12 a
MW-13B 19'	19	8/6/2008	**620** a	<1.2 a	**12** a	**14** a	**73** a	<1.2 a	<1.2 a	<1.2 a	<1.2 a	<250 a	<1.2 a	<1.2 a	<12 a
MW-13B 20.5'	20.5	8/6/2008	**480** a	<0.50 a	**2.1** a	**11** a	**47** a	<0.50 a	<0.50 a	<0.50 a	<0.50 a	<100 a	<0.50 a	<0.50 a	<5.0 a
MW-13B, 24.5'	24.5	8/11/2008	**12** a	**0.040** a, b	**0.78** a	**0.38** a	**1.9** a	<0.050 a	<0.050 a	<0.050 a	<0.050 a	<10 a	**0.030** a, b	<0.050 a	<0.50 a
MW-13B, 27.5'	27.5	8/11/2008	**6.7** a	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** b	<0.0050	<0.050
MW-13B, 30.5'	30.5	8/11/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**
MW-14B															
MW-14B, 12'	12	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 15'	15	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 18'	18	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B,21'	21	8/7/2008	**0.12** b	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 25'	25	8/7/2008	**0.14** b	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 28.5'	28.5	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B															
MW-15B 13'	13	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B 15'	15	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B 17.5'	17.5	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B 28'	28	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050

TABLE 5
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	ETBE	Ethyl tertiary butyl ether	TAME	Tert-amyl methyl ether
bgs	below ground surface	EDB	Ethylene dibromide	MTBE	Methyl tertiary butyl ether	TBA	Tertiary butyl alcohol
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	PQL	Practical Quantitaion Limit	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane						

1 Analyzed by EPA Method 8260.

a PQL's were raised due to sample dilution
b Estimated Value (CLP Flag)

TABLE 6
CURRENT GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW [2] (feet)	GWE (feet)	SPH Thickness (feet)	Sheen	TPPH [3] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates [3] 1,2-DCA (µg/L)	DIPE (µg/L)	EDB (µg/L)	ETBE (µg/L)	Ethanol (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	TCE [3] (µg/L)	PCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)
Monitoring Wells																							
MW-4 [1]	7 - 27	19.01	8/18/2008	16.96	2.05	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-6 [1]	13 - 19	19.08	8/18/2008	16.87	2.21	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-7 [1]	22 - 25	21.74	8/18/2008	19.34	2.40	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-8	17 - 30	18.42	8/18/2008	16.11	2.31	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-9	11.5 - 15	19.42	8/18/2008	DRY	--	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-10 [1]	6-13.5	19.17	8/18/2008	DRY	--	0	No	**MONITORING WELL REPORTED DRY - NOT SAMPLED**															
MW-11 [1]	5-15	19.23	8/18/2008	14.71	4.52	0	No	**INSUFFICIENT AMOUNT OF WATER FOR SAMPLE COLLECTION**															
MW-12B [1]	19-29	18.68	8/18/2008	16.99	1.69	0	No	**290** b	<0.50	<0.50	**0.70**	**1.9**	<0.50	<0.50	<0.50	<0.50	<250	**3.5** a	<0.50	<10	**36**	**270** a	**41** c
MW-13B [1]	21-31	19.14	8/18/2008	16.92	2.22	0	No	**300** b	**3.0**	**0.98**	<0.50	5.4	<0.50	<0.50	<0.50	<0.50	<250	**13** a	<0.50	<10	**33**	**280** a	**32** c
MW-14B [1]	18.8-28.8	18.47	8/18/2008	16.26	2.21	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**1.4**	**21**	**0.83** c
MW-15B [1]	17-27	19.12	8/18/2008	17.32	1.80	0	No	**61** b	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**2.5**	**60**	**1.9** c
QCTB	--	--	8/18/2008	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--

Notes:

<	Denotes less than laboratory PQL	cis-1,2-DCE	Cis-1,2 Dichloroethene	ETBE	Ethyl tertiary butyl ether	PCE	Tetrachloroethene	TCE	Trichloroethene
--	Not analyzed / applicable / measured	DIPE	Di-isopropyl ether	GW	Groundwater	PQL	Practical Quantitaion Limit	TBA	Tertiary butyl alcohol
µg/L	micrograms per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TOC	Top of casing
bgs	Below ground surface	EPA	Environmental Protection Agency	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane								

1 TOC elevations were surveyed by MidCoast Engineers to the NAVD 88 Datum by GPS observations on 8/18/2008.
2 Depth was recorded from below the TOC for monitoring wells.
3 Analyzed by EPA Method 8260.

a PQL's were raised due to sample dilution.
b Chromatogram not typical of gasoline.
c Sample also analyzed for trans-1,2-dichloroethene; non detect above 0.50 µg/L.

TABLE 7
SENSITIVE RECEPTOR SURVEY RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Parcel Number		Property Use	Multi-Unit	Property Owner	Property Tenant (*If Different*)	Property Address	Phone Number	First Questionnaire Returned?	Second Questionnaire Returned?	Well?	Basement?	Sump?
033-164-160		Residential	Yes	San Mateo West Lp	Wesley Jan	338 430 Fremont Street	(650) 347-1886	No	Yes	No	No[3]	Unknown
033-167-040				Harry J & H W Kiyomura Trusts		711 E 5th Ave		No	No	--	--	--
033-167-050	**a**			Dori Takeshita Chan et al		705 5th Ave		No	No	--[4]	--	--
033-167-060		Residential		Jerry E Davis		421 South El Dorado Street	(650) 619-9932	Yes	--	No	**Yes[11]**	No
033-167-100				Richard T Hua		712 E 4th Ave	(650) 579-2790	Yes	--	No	**Yes[10]**	**Yes[7]**
033-167-140		Not Given		Ebrahim Kaabipour Trust	*Dong Shin*	706 4th Ave	owner 408-455-3136 tenant (650) 455-3136	Yes	--	No	No	No
033-281-010		Commercial		San Mateo Lumber		405 E 5th Ave	(650) 342-6400	No	Yes	No	No	No
033-281-140		Commercial		City of San Mateo	*Pending*	0 E 5Th Ave		Yes	--	No	No	No
033-282-020				Paul T Sinipata		512 So Delaware Street		No	No	--	--	--
033-282-030		Residential		Leno Freschet Trust et al		514 Delaware Street	(650)345-6990	Yes	--	No	**Yes[11]**	No
033-282-040		Not Given		Ida Ford (Deceased)		518 Delaware Street	Not Given	Yes	--	No	No	No
033-282-050	**a**	Not Given		Ronald G & Rhonda L Baker		522 Delaware Street		Yes	--	--[2]	--	--
033-282-060		Residential	No	Zhuo Yan & Xue Kai L Chen		600 S Delaware Street	(650) 343-2928	No	Yes	No	No	No
033-282-070	**a**			South Delaware Associates		604 Delaware Street		No	No	--[4]	--	--
033-282-080	**a**			South Delaware Associates		606 Delaware Street		No	No	--[4]	--	--
033-282-090				Lorraine J Checchini		610 Delaware Street		No	No	--	--	--
033-282-380		Commercial		San Mateo Lumber		501 S Claremont Street	(650) 342-6400	No	Yes	No	No	No
033-282-460				Servando Guzman		504 S Delaware Street		No	No	--	--	--
033-282-470				Ajeshwani Narayan Din et al		500 Delaware Street		No	No	--	--	--
033-283-010				Plutarco E Castro		501 S Delaware Street		No	No	--	--	--
033-283-020		Residential	No	James D & Teresa J Brey		604 E 5th Ave	650-343-2344	Yes	--	No	**Yes[10]**	No
033-283-030		Residential		Pearl Rango Trust		610 E 5th Ave	(650) 344-0806	No	Yes	No	**Yes[10]**	No
033-283-040		Residential		Arthur P & Ruth M Tresser Trusts		614 E 5th Ave	(805) 534-1279 (Cary Woll)	No	Yes	No	**Yes[10]**	No
033-283-050				Michael A Calegari		616 5th Ave		No	No	--	--	--
033-283-060		Residential	No	Mary Louise Perego		622 E 5th Ave	(650) 921-5763	Yes	--	No	**Yes[11]**	No
033-283-070				Enrique Be Palma III		514 So El Dorado Street		No	No	--	--	--
033-283-080		Residential		Lisa Krekorian		518 S El Dorado Street	(650) 200-9402	Yes	--	No	**Yes[10]**	No
033-283-090		Residential	Duplex	Michael & P K Pneumatikos Trusts		520 El Dorado Street	(408) 253-5907	Yes	--	No	Yes[1]	No
033-283-100		Residential	Yes	Randy Nasrah		524 El Dorado Street	(415)250-0642	Yes	--	No	No	No
033-283-220				Librado Fernandez		609 Delaware Street		No	No	--	--	--
033-283-230		Residential		Sonny Wu Trust		605 S Delaware Street	(530) 579-5573	Yes	--	No	No	No
033-283-240				Alois J & Irene M Stock Trusts		603 Delaware Street		No	No	--	--	--
033-283-250				Darren H Monteverde		525 So Delaware Street		No	No	--	--	--

TABLE 7
SENSITIVE RECEPTOR SURVEY RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Parcel Number	Property Use	Multi-Unit	Property Owner	Property Tenant (*If Different*)	Property Address	Phone Number	First Questionnaire Returned?	Second Questionnaire Returned?	Well?	Basement?	Sump?
033-283-260			Meng Chi & Fung May Chan Lam		521 S Delaware Street		No	No	--	--	--
033-283-270			Feng Erh Lin Trust		517 S Delaware Street		No	No	--	--	--
033-283-280			Charles Frank Litini		511 S Delaware Street		No	No	--	--	--
033-283-290	Residential	Yes	Claude & Mena Fadelli Trusts		602 El Dorado Street	(650) 345-2553	Yes	--	No	No	No
033-291-010			Fredy H Ramirez		501 El Dorado Street		No	No	--	--	--
033-291-020	Residential		Derek T Daly		704 E 5th Ave	650-401-6839	Yes	--	No	**Yes**[8,10]	No
033-291-030	Residential		Dante Angelo Figone	Susan Heis and Deborah Misicka	708 5th Ave	(650) 961-3826 owner (650)344-9847 tenant	Yes	--	No	No	No
033-291-040			John J Elliot		712 E 5th Ave		No	No	--	--	--
033-291-270			Manni Wong		515 El Dorado Street		No	No	--	--	--
033-291-280	Residential	Duplex	Thomas Allen Mueller Trust		511 -513 El Dorado Street	(510) 339-7421	Yes	--	No	No	No
034-179-040	Commercial		Moor Talbot Partners Lp	Talbots Toyland	445 S B Street	(650) 931-8100	No	Yes	No	No	No
034-181-160			Fred Strebel Trust		435 3rd Ave		No	No	--	--	--
034-182-010	Commercial		Victor & Mary E Peccolo Trusts	Sonny Wu	420 428 3rd Ave		Yes	--	No	No	No
034-182-020	Commercial		James K Ouye		304 Claremont Street	(858) 755-2397	Yes	--	No	No	No
034-182-030			Tema Properties Lp		310 Claremont Street		No	No	--	--	--
034-182-040	**a**		Tema Properties Lp		314 Claremont Street		No	No	--[4]	--	--
034-182-050	Commercial		Dan F Cesena	*Honda Hospitak, Inc.*	330 S Claremont Street	(650) 342-8480	No	Yes	No	No	No
034-182-060	**a**		Mariko Endo Trust		405 5th Ave		No	No	--[5]	--	--
034-182-100	Commercial		Max W & L G Antoniazzi Trust		412 E 3rd Ave	(650) 343-0758	Yes	--	No	No	No
034-182-110			Max W & L G Antoniazzi Trust		416 E 3rd Ave		No	No	--	--	--
034-182-150			Leon W Harman Trust		402 3rd Ave		No	No	--	--	--
034-183-060	Commercial		Redevelopment Agency of The City of San Mateo-Sandy Russel		480 4th Ave Unit A+B	(650) 522-7240	Yes	--	Unknown	Unknown	Unknown
034-184-050	Commercial		Kenge Takahashi Trust	Kenge Takahashi	221 Claremont Street	650-343-0394	No	Yes	No	No	No
034-184-090	**a**		Charlotte B Frances Trust		555 3rd Ave		No	No	--[6]	--	--
034-185-030	Residential		Jeanette B Robinson	Various people occupy residence	312 Delaware Street	(650) 349-1906	Yes	--	No	No	No
034-185-040			Amir Shahmirza		318 S Delaware Stret		No	No	--	--	--
034-185-050	Residential	Yes	Jeanette B. Robinson	Various people occupy residence	320 Delaware Street	(650) 349-1906	Yes	--	No	**Yes**[10]	**Yes**[9]
034-185-110	Commercial		Tema Properties Lp	Ray (received phone call)	307 Claremont Street	650-245-2287	--	--	No	No	No
034-185-120			Fong Hom Lee et al		500 3rd Ave		No	No	--	--	--
034-185-140			California Antique		373 S Claremont Street		No	No	--	--	--
034-185-150	Commercial	Yes	Neria B Canonizado Trust		509 4th Ave	(650) 867-0549	Yes	--	No	No	No
034-185-160			Masterson Properties Llc		300 Delaware Street		No	No	--	--	--
034-185-170	Commercial		Morey Gross Trust	Vacant	525 4th Ave	650-365-4646	No	Yes	No	No	No

TABLE 7
SENSITIVE RECEPTOR SURVEY RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Parcel Number	Property Use	Multi-Unit	Property Owner	Property Tenant (*If Different*)	Property Address	Phone Number	First Questionnaire Returned?	Second Questionnaire Returned?	Well?	Basement?	Sump?
034-185-190	Not Given		Greensprings Fellowship Trust		311 Claremont Street		Yes	No	Property Sold 4/18/07		
034-185-200	Not Given		Greensprings Fellowship Trust		315 Claremont Street		Yes	No	Property Sold 3/27/07		
034-186-060	a		San Mateo Japanese American Comm		415 So Claremont Street		No	No	--	--	--
034-186-070	a		Marlene Nabong		411 Claremont Street		No	No	--	--	--
034-186-080			Geroge G & Ethel Woong Trusts		500 4th Ave		No	No	--	--	--
034-186-090	Commercial		Legal Aid Society of San Mateo County		521 E 5th Ave	(650) 558-0915	Yes	--	No	No	No
034-186-110	Commercial		Lucile Benedetti Trust (Lessor)	Tad's 76	**402 S Delaware Street**	(650) 584-3127	No	Yes	No	No	No
034-187-050			Third Ave. Llc		615 3rd Ave		No	No	--	--	--
034-187-130			Equilon Enterprises Llc		611 3rd Ave		No	No	--	--	--
034-188-140	Commercial		Gateway Crossing Inc	Dion Heffran	600 3rd Ave	(650) 867-4499	Yes	--	No	No	No
034-188-150			Robert W Matlack Trust		316 Delaware Street		No	No	--	--	--
034-188-160	Comercial		Andy Saberi		609 4th Ave	(650) 588-3088	Yes	--	No	No	No
034-189-010			Norma T Marchesin Trust		407 Delaware Street		No	No	--	--	--
034-189-040			Francisco Franco Argueta		416 S El Dorado Street		No	No	--	--	--
034-189-050	Residential	Yes	Julia J Tom	George Hernandex	422 El Dorado Street	Owner (415) 627-8922 Tenant(925)640-4665	No	Yes	No	Yes[1]	No
034-189-080			602 Fourth Avenue Llc		602 E 4th Ave		No	No	--	--	--
034-189-100	Commercial	Yes	Mark A Scafine Trust		603 5th Ave	(650) 342-3030	Yes	--	No	No	No
108-950-010	Commercial		Bernard L Edwards		413 S El Dorado Street	(650) 340-7214	Yes	--	No	No	No
108-950-020	Commercial		William R Krone		417 S El Dorado Street	(650) 343-8899	Yes	--	No	No	No
108-950-030	Commercial		Bernard L Edwards		415 S El Dorado Street #3	650-340-7214	Yes	--	No	No	No
108-950-040			Robert Edward Ross		419 El Dorado Street		No	No	--	--	--

a	Mail courier was unable to deliver
1	Property owner indicated that basement was a crawl space.
2	Property was sold. Contacted County, but no new property owner information was found.
3	Below ground level garage.
4	Delivery attempted; questionnaire returned unopened.
5	No Such Number
6	Not deliverable as addressed
7	Property owner contacted, not sure if sump pumps groundwater or surface water.
8	Property owner contacted, partial basement
9	Property owner contacted, basement contains a sump that pumps surface water.
10	Existence of basement verified by owner.
11	Existence of basement not verified by owner, phone message not returned.

0

Additional Assessment and Sensitive Receptor Survey Report
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California 94402

Prepared for:
ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

Prepared by:
Stantec Consulting Company
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Stantec Project Number:
77CP.01574.47.1100



Stantec

September 10, 2008

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1.0 Introduction

This report has been prepared by Stantec Consulting Corporation (Stantec) on behalf of the ConocoPhillips Company (ConocoPhillips), to further investigate subsurface conditions beneath 76 Service Station No. 6390, located at 402 South Delaware Street, San Mateo, California (the "site", Figure 1). The work was done in accordance with Stantec's *Additional Assessment and Sensitive Receptor Survey Work Plan*, dated July 9, 2007 and Stantec's *Revisions to Additional Assessment and Sensitive Receptor Survey Work Plan*, dated March 25, 2008. The work plans were approved with modifications in letters from the San Mateo County Health Department – Groundwater Protection Program (SMCHD-GPP) dated January 30, 2008 and July 28, 2008 (Appendix A). Verbal approval was provided by the SMCHD-GPP on July 11, 2008 to move forward with the work proposed in the revised work plan.

2.0 Site Background

2.1 SITE LOCATION

The 76 branded Service Station property (the "site") is located at 402 South Delaware Street, on the south corner of South Delaware Street and East Fourth Avenue in the City of San Mateo, San Mateo County, California (Figure 1). The site is bordered by South Delaware Street to the northeast, East Fourth Avenue to the northwest, and commercial buildings to the southwest and southeast. There are two active gasoline service stations located in the near vicinity: a Shell station on the north corner of East Third Avenue and South Delaware Street, and an ARCO station on the south corner of East Third Avenue and South Delaware Street. Historically, there used to be a Shell service station directly across South Delaware Street from the site on the east corner of South Delaware Street and East Fourth Avenue; a Jiffy Lube now exists at this location. Additionally, a former 76 branded service station was located on the west corner of East Third Avenue and El Dorado Street.

The site is an active service station dispensing 76 branded gasoline. The station facilities include two unleaded gasoline underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (Figure 2). The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site when the current gasoline USTs were installed.

2.2 SITE HISTORY

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon capacity, fiberglass, gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. A 9-inch long crack was observed along the eastern end of the super unleaded gasoline UST upon removal. Subsequent petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30 feet long by 27 feet wide by 22 feet deep. Initially, six soil samples were collected (A1, A2, B1, B2, SW1, and SW2) from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches. KEI returned at a later date to collect an additional three samples (SW1(2.5), SW2(2.5), and SW3) from the gasoline UST cavity and a grab water sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater was observed to have floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2 , and D3) from beneath the gasoline dispensers. Laboratory analysis of soil samples collected from the gasoline UST cavity indicated the presence of up to 5,000 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg, B2), 47 mg/kg benzene (B2), 470 mg/kg

toluene (B2), 120 mg/kg ethylbenzene (B2), 790 mg/kg total xylenes (B2), and 5.9 mg/kg total petroleum hydrocarbons as diesel (TPHd, SW3). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc at concentrations of 1.1 mg/kg, 67 mg/kg, 73 mg/kg, 6.0 mg/kg, and 44 mg/kg, respectively, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. Analysis of the water sample collected from the gasoline UST indicated 28,000 micrograms per liter (µg/L) TPHd, 50,000 µg/L TPHg, 1,200 µg/L benzene, 6,700 µg/L toluene, 1,400 µg/L ethylbenzene, and 10,000 µg/L total xylenes. Laboratory results are included in Table 1 (KEI, 1992).

In May 1994, KEI installed three monitoring wells (MW1, MW2, and MW3, later known as MW-1, MW-2 and MW-3) at the site (Figure 2). Laboratory analysis of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and benzene, toluene, ethylbenzene, and total xylenes (BTEX) at maximum concentrations of 2,600 mg/kg TPHg (MW2 (17)), 26 mg/kg benzene (MW2 (15)), 240 mg/kg toluene (MW2 (15)), 62 mg/kg ethylbenzene (MW2 (17)), and 410 mg/kg total xylenes (MW2 (17)). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially monitored and sampled in June 1994. Laboratory analysis of the water samples collected indicated the presence of petroleum hydrocarbons in MW-2 and MW-3, with maximum concentrations of 89,000 µg/L TPHg, 11,000 µg/L benzene, 37,000 µg/L toluene, 3,000 µg/L ethylbenzene, and 20,000 µg/L total xylenes reported in MW-2. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs), with the evaluated groundwater gradient being approximately 0.004 foot/foot to the east. KEI concluded to follow a three month monitoring program, at which point the wells would be re-sampled. Laboratory results are included in Tables 1 and 2 (KEI, 1994).

In March 1995, two additional monitoring wells (MW4 and MW5, later known as MW-4 and MW-5) were installed in offsite locations in the sidewalk along the opposite side of South Delaware Street form the site (Figure 2). The offsite wells were located in the down-gradient direction from the site. Laboratory analysis of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX at maximum concentrations of 600 mg/kg TPHg, 3.3 mg/kg benzene, 38 mg/kg toluene, 14 mg/kg ethylbenzene, and 96 mg/kg total xylenes in soil sample MW4 (5). The new wells were added to the quarterly groundwater monitoring and sampling program, and were first sampled in April 1995. Laboratory analysis of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 µg/L TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4. Laboratory results are included in Tables 1 and 2 (KEI, 1995).

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample

indicated the presence of trace concentrations of TPHd, toluene, and total xylenes at 1.5 mg/kg, 0.006 mg/kg, and 0.009 mg/kg, respectively. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 mg/kg, 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. The remaining requested petroleum hydrocarbon constituents were not reported above laboratory detection limits. Laboratory results are included in Table 1 (GSI, 1996).

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at offsite locations (Figure 2). The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab water samples were collected from each borehole. Laboratory analysis of the water samples indicated the presence of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4 at concentrations of 450 µg/L, 71 µg/L, 6.7 µg/L, and 17 µg/L, respectively. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2. A summary of laboratory results is included in Table 2 (KEI, 1996).

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. Four documented wells were identified within a ¼-mile radius of the site (Pacific, 1996).

In December 2006 and January 2007, SECOR supervised the advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5) (Figure 2). Laboratory analysis of the soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from the wells contained petroleum hydrocarbons in MW-6 (67,000 µg/L TPPH, 380 µg/L benzene, 8,600 µg/L toluene, 3,600 µg/L ethylbenzene, 17,000 µg/L total xylenes, and 62 µg/L MTBE), and MW-9 (0.73 µg/L xylenes). Laboratory analysis of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3). The laboratory analysis additionally indicated that the samples were composed of 20-22% O_2 and 0.46-1.0% CO_2. SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended a down-gradient well in the shallow water bearing zone, down-gradient wells in deeper groundwater along East Fifth Avenue and Delaware Street,

wells in deeper groundwater northwest and northeast (up and cross-gradient) of the site, analysis for PCE, and historical research to investigate a source for the PCE (SECOR, 2007).

The site has been monitored and sampled since the second quarter 1994. From 1994 to 2000, the site was monitored on a quarterly basis. Since 2001, the frequency has been reduced to semi-annual monitoring and sampling. Historically, the highest dissolved phase petroleum hydrocarbon concentrations have occurred in wells MW-2 and MW-3, and most recently in well MW-6. The groundwater gradient has been mainly to the east and southeast, and was to the northeast during the last event (SECOR, 2008). Laboratory results are included in Table 2.

Historical soil and groundwater sampling locations are shown on Figure 2, and historical soil, groundwater, gradient, and soil vapor data are summarized in Tables 1 through 4.

3.0 Scope of Work

On July 31, 2008 through August 11, 2008, Stantec field staff observed WDC Drilling (WDC) of Martinez, California, install two shallow monitoring wells (MW-10 and MW-11) and four deep groundwater monitoring wells (MW-12B, MW-13B, MW-14B, and MW-15B). On August 14 and 15, 2008, Stantec observed WDC develop the groundwater monitoring wells. On August 18, 2008 Stantec purged and sampled wells MW-12B, MW-13B, MW-14B, and MW-15B. Wells MW-10 and MW-11 were observed as dry and not sampled. On August 18, 2008, Stantec witnessed the surveying of MW-10, MW-11, MW-12B, MW-13B, MW-14B, and MW-15B and measured groundwater elevations in the site wells. The completed scope of work is discussed below. Additionally, Stantec performed a sensitive receptor survey to help evaluate the site for low-risk closure.

3.1 SITE HEALTH AND SAFETY PLAN

As required by the Occupational Health and Safety Administration Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120), and by the California Occupational Health and Safety Administration "Hazardous Waste Operations and Emergency Response" guidelines (CCR Title 8, Section 5192), Stantec updated the current site-specific Health and Safety Plan (HASP) prior to the commencement of fieldwork. The HASP was reviewed by field staff and contractors before beginning field operations, and was in the possession of Stantec personnel while conducting work activities at the site.

3.2 PERMITTING

Prior to installing the groundwater monitoring wells, Stantec obtained a rider to an open encroachment permit from the City of San Mateo Department of Public Works for the advancement of five offsite monitoring wells (MW-10, MW-11, MW-12B, MW-14B, and MW-15B). The rider to the encroachment permit was approved on July 23, 2008. Stantec also obtained two exploratory boring permits from the SMCHD-GPP for the advancement of one onsite groundwater monitoring well and five offsite groundwater monitoring wells on City property, which were approved on July 23, 2008. Copies of the permits are included in Appendix A.

3.3 SUBSURFACE UTILITY CLEARANCE AND CONDUIT STUDY

Prior to initiating field activities on July 24, 2008, Stantec marked the boring locations (MW-10, MW-11, MW-12B, MW-13B, MW-14B, and MW-15B), contacted Underground Service Alert (USA) 48 hours prior to the initiation of field work, and contracted Cruz Brothers Locators (CBL), a private utility locator, to evaluate whether the proposed boring locations were clear of potential subsurface obstructions.

Monitoring wells MW-11, MW-12B, MW-13B, and MW-15B were cleared to depths of 5 feet bgs using an air lance and vacuum truck prior to commencement of mechanical drilling. On August 1, 2008, while clearing MW-10, a potential storm drain was encountered in South Delaware Street. The City of San Mateo was contacted and verified that there was a storm drain in that vicinity. Permission was granted by the City to move MW-10 and MW-14B into the sidewalk. CBL cleared the new locations and did not identify potential subsurface utilities beneath the proposed locations of the wells. Monitoring wells MW-10 and MW-14B were cleared to depths of 6.5 and 8 feet bgs, respectively, using a hand auger and an air lance and vacuum, prior to commencement of mechanical drilling.

3.4 GROUNDWATER MONITORING WELL INSTALLATION

On July 31 through August 11, 2008, two shallow groundwater monitoring wells (MW-10 and MW-11) and four deep groundwater monitoring wells (MW-12B, MW-13B, MW-14B, and MW-15B) were installed using a limited access HSA rig equipped with 8 inch to 18 inch diameter auger flights. Monitoring wells MW-10 and MW-14B were installed offsite in the sidewalk along South Delaware Street northeast and east of the site. Monitoring wells MW-11 and MW-15B were installed offsite in the parking lane along South Delaware Street southeast of the site. MW-12B was installed in the parking lane along East Fifth Avenue east of the site, and MW-13B was installed onsite near MW-6.

3.4.1 Shallow Groundwater Monitoring Wells

The shallow groundwater monitoring well borings MW-10 and MW-11 were advanced to depths of 17.5 and 15 feet bgs, respectively. Groundwater was not encountered in the borings for the shallow wells during drilling.

The shallow monitoring wells were constructed using 2-inch diameter poly vinyl chloride (PVC) casing with a 0.020-inch slotted screen interval extending from 6 to 13.5 feet bgs in MW-10 and 5 to 15 feet bgs in MW-11. A filter pack of #3 Monterey sand was placed in the annulus across from the screen to 0.5 -1.0 feet above the screen. A 1.5-2.0 foot thick bentonite seal (hydrated chips) was placed above the sand pack. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied from the top of the bentonite seal to 1 foot bgs. The well materials were tremmied through the annulus of the HSA flights. The wells were completed at the surface with traffic rated well boxes set in concrete dyed to match the existing grade, and a locking well cap was placed on the casing. Because a potential aquitard was encountered at the bottom of the borehole for monitoring well MW-10, a bentonite seal was emplaced within this fine-grained material at the bottom of the borehole prior to well construction. This potential aquitard was not penetrated through during the drilling operations.

3.4.2 Deep Groundwater Monitoring Wells

The deep groundwater monitoring well borings MW-12B, MW-13B, MW-14B and MW-15B were advance to depths of 30, 31, 29, and 29 feet bgs, respectively. Groundwater was encountered between16.25 feet and 18.79 feet bgs surface in the deep wells.

The deep monitoring wells were constructed using 2-inch diameter poly vinyl chloride (PVC) casing with a 0.020-inch slotted screen interval extending from 19 to 29 feet bgs in MW-12B, 21 to 31 feet bgs in MW-13B, 18.75 to 28.75 feet bgs in MW-14B, and 17 to 27 feet bgs in MW-15B. A filter pack of #3 Monterey sand was placed in the annulus across from the screen to 0.1 -1.0 feet above the screen. A 2.0-2.4 foot thick bentonite seal (hydrated chips) was placed above the sand pack. Neat cement grout (mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement) was tremmied from the top of the bentonite seal to 1 foot bgs. The well materials were tremmied through the annulus of the HSA flights. The wells were completed at the surface with a traffic rated well box set in concrete dyed to match the existing grade, and a locking well cap was placed on the casing. Because a potential aquitard was encountered at the bottom of the borehole for monitoring well MW-15B, a bentonite seal was emplaced within this fine-grained material at the bottom of the borehole prior to well construction. This potential aquitard was not penetrated through during the drilling operations.

Because free groundwater was encountered in the shallow zone at the locations of MW-12B and MW-13B, conductor casing was emplaced in the shallow zone of these borings prior to advancement to the deeper zone. The 10-inch diameter steel conductor casing was installed in the boring approximately 1.5 inches (MW-12B) and 1 foot (MW-13B) into the underlying aquitard and grouted in place and allowed to cure for 72 hours prior to advancement through the casing. Free groundwater was not encountered within the shallow zone of MW-14B and MW-15B, therefore, the use of conductor casing was not necessary.

Stantec's field procedures are included in Appendix B. The boring logs illustrating well construction details are included in Appendix C.

3.5 SOIL SAMPLE COLLECTION AND ANALYSIS

The soil borings were continuously sampled and described in accordance with the Unified Soil Classification System (USCS) by a Stantec scientist under the direction of a California Professional Geologist. Soil samples were contained in brass liners that were inserted into the sampler. Soil samples were examined for odors, visible signs of petroleum hydrocarbons, and screened for hydrocarbon vapors using a photo-ionization detector (PID). Unsaturated and saturated soil samples showing positive readings on a photo-ionization detector (PID) and collected from within encountered zones of low permeability (potential aquitards) were analyzed. Selected soil samples were placed on ice and submitted to a California certified laboratory to be analyzed for the presence of total purgeable petroleum hydrocarbons (TPPH); benzene, toluene, ethylbenzene and total xylenes (BTEX); 1,2-dichloroethane (1,2-DCA), di-isopropyl ether (DIPE), ethylene dibromide (EDB), ethyl tertiary butyl ether (ETBE), ethanol, MTBE, tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA) by Environmental Protection Agency (EPA) Method 8260.

Stantec's standard field procedures are included in Appendix B.

3.6 MONITORING WELL DEVELOPMENT, SAMPLING, AND ANALYSIS

On August 14 and 15, 2008, Stantec personnel developed the newly installed monitoring wells MW-12B through MW-15B. Approximately 10.1-10.6 casing volumes were purged from the wells. The last three successive measurements of temperature, conductivity, and pH of the purged groundwater varied by ≤10%, ≤6%, and ≤0.1, respectively. On August 14, 2008, Stantec personnel noted that pH parameters were very low and recalibrated the meter. A new meter was available and used for the second day of well development. Development was deemed to be sufficient once 10 casing volumes were removed. Groundwater monitoring wells MW-10 and MW-11 were reported as dry and not developed.

On August 18, 2008, Stantec personnel purged and sampled groundwater monitoring wells MW-12B through MW-15B using low-flow protocol at a flow rate of less than 1 liter per minute using a bladder pump. The pump intake was placed at a depth in the water column that was opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact. Criteria for this selection included the depth of the highest soil impact encountered during well installation, the as-built screen interval, and the recorded depth to water. For wells MW-12B, MW-13B, and MW-14B, because the screens were submerged and there was no known soil impact, the pump intake was placed at the top of the screen interval. Because the well MW-15B was observed to have an exposed screen, and no hydrocarbon compounds were known to be present in soil within the screened interval, the proposed intake depth was the center of the observed water column. The conductivity, temperature, and pH of the delivered effluent were monitored every three minutes using a flow-through cell during purging and recorded on the field data sheets. Purging ended once three successive measurements of pH, conductivity, and temperature of the purged water stabilized to within 0.1, 3%, and 10%, respectively. The samples were analyzed for TPPH, BTEX, MTBE, ethanol, TBA, TAME, DIPE, ETBE, EDB, and 1,2-DCA by EPA Method 8260B, and PCE (tetrachloroethene), TCE (trichloroethene) and 1,2-DCE (1,2-dichloroethene) by EPA 8260B. Groundwater monitoring wells MW-10 and MW-11 were reported dry or had an insufficient amount of water to collect groundwater samples. Field data sheets illustrating onsite activities, including system or line volumes, actual purge volumes, purging equipment, and sampling equipment used are included in Appendix D.

3.7 MONITORING WELL SURVEYING

Mid Coast Engineers (MCE) was contracted by Stantec to survey the newly installed monitoring wells (MW-10, MW-11, MW-12B through MW-15B) and tied into existing well MW-7 at the site. The measurements were obtained from conventional survey techniques and GPS techniques, using data from existing wells MW-4 and MW-7 that was referenced to the NAVD 88 Datum. The wells were surveyed for geographical location to the NAD 83 (1986) Datum, and for well casing elevation to the NAVD 88 Datum. A copy of the MCE survey data is included in Appendix E.

3.8 INVESTIGATION DERIVED WASTE

Soil cuttings, decontamination rinsate, and purge water generated during the site assessment activities were stored in Department of Transportation (DOT) approved 55-gallon capacity steel drums. The drums, including 23 drums of soil from the drilling, 13 drums of water from the drilling, development, and sampling, and 2 drums of concrete and asphalt from the airknifing, were staged onsite pending laboratory characterization as non-hazardous waste. Belshire Environmental Services Inc. (BESI) transported the containers to their licensed facility for disposal on September 4, 2008. The waste manifest for the 23 drums of soil and 13 drums of water will be submitted under separate cover. The 2 drums of concrete and asphalt will be disposed of as construction waste.

4.0 Findings

4.1 SUBSURFACE CONDITIONS

Subsurface materials encountered at the site generally correlated well with those previously reported, as shown on the geologic cross sections, Figure 3, and boring logs, Appendix C. Silt with some silty sand and gravel intervals was encountered from the ground surface to depths of approximately 5 to 16 feet bgs. This silt was underlain by silty sand and gravel with minor silt interbeds to approximate depths of 15 to 25 feet bgs. Wells MW-10 and MW-11 (along with previously existing wells MW-6 and MW-9) appear to be screened in this first water bearing zone ranging between the approximate depths of 10 and 25 feet bgs. Beneath this water-bearing zone, a silt aquitard varying in thickness from approximately 0.5 to 14 feet thick was encountered. This aquitard was relatively continuous, except in the area of well MW-4, which may be within a channel deposit. The aquitard was very thin (1/2-foot) in MW-12B. The aquitard was underlain by a deeper water-bearing zone beginning at the approximate depths of 18 feet bgs in the site area and 13.5 feet bgs southeast of the site. Wells MW-12B through MW-15B (along with previously existing wells MW-4, MW-7, and MW-8) appear to be screened in this second water bearing zone. A potential aquitard beneath this deeper water-bearing zone was encountered between 27 and 29 feet bgs in MW-15B.

4.2 ANALYTICAL RESULTS

Soil and groundwater samples collected during the assessment were submitted to BC Laboratories (BCL), located in Bakersfield, California. Soil and groundwater analytical results are summarized in Tables 5 and 6. Laboratory reports, with certified analytical results and chain-of-custody documentation, are included in Appendix F.

4.2.1 Soil Analytical Results

Thirty soil samples were submitted for laboratory analysis from six monitoring well borings. Analytical results indicated the presence of TPPH in three borings (MW-12B, MW-13B, and MW-14B) at a maximum concentration of 3,500 mg/kg (MW-13B 15'); BTEX in borings MW-12B and MW-13B at maximum concentrations of 2.9 mg/kg, 250 mg/kg, 85 mg/kg, and 660 mg/kg (MW-13B 15'), respectively; TBA in well boring MW-13B at a concentration of 0.088 mg/kg (MW-13B 30.5'); and MTBE in well borings MW-12B and MW-13B at a maximum concentration of 0.030 mg/kg (MW-13B 24.5'). The remaining requested petroleum hydrocarbon constituents tested for under EPA Method 8260 were not detected at concentrations above the laboratory reporting limits.

4.2.2 Groundwater Analytical Results

Four low-flow groundwater samples were collected from monitoring wells MW-12B through MW-15B. Laboratory analysis indicated the presence of TPPH in three samples (MW-12B, MW-13B

and MW-15B), at a maximum concentration of 300 µg/L (MW-13B); benzene in one sample (MW-13B) at a concentration of 3.0 µg/L, toluene in one sample (MW-13B) at a concentration of 0.98 µg/L, ethylbenzene in one sample (MW-12B) at a concentration of 0.70 µg/L, xylenes in two samples (MW-12B and MW-13B) at a maximum concentration of 5.4 µg/L (MW-13B); and MTBE in two samples (MW-12B and MW-13B) at a maximum concentration of 13 µg/L (MW-13B. Groundwater samples were additionally analyzed for PCE, TCE and cis-1,2-DCE by EPA Method 8260B. Laboratory analysis indicated the presence of PCE, TCE and cis-1,2-DCE in four samples at maximum concentrations of 280 µg/L (MW-13B), 36 µg/L (MW-12B), and 41 µg/L (MW-12B), respectively. The samples were also analyzed for trans-1,2-DCE but this compound was not detected above the laboratory limit. The remaining requested petroleum hydrocarbon constituents analyzed for under EPA Method 8260B were not reported at concentrations above the laboratory reporting limits.

4.3 GROUNDWATER GRADIENT EVALUATION

On August 18, 2008, Stantec field staff collected depth to water readings in site wells prior to the sampling of the newly installed groundwater monitoring wells MW-10, MW-11 and MW-12B through MW-15B. These depth to water levels were used to calculate groundwater elevations and evaluate the groundwater gradient. The groundwater gradient was evaluated to flow to the east at a magnitude of 0.003 foot/foot (Figure 4). The groundwater gradient was also evaluated to flow to the east at a magnitude of 0.003 foot/foot in the deep water bearing zone, based on elevations excluding wells MW-6, MW-9 (dry), MW-10 (dry), and MW-11 (anomalous, likely due to water retained in the bottom of the well cap) (Figure 5). These gradients are consistent with historical gradients that have been evaluated at the site (Table 3, Figure 6). The gradient in the shallow zone could not be evaluated due to only two wells containing water.

It appears that there is hydraulic connection between the two water-bearing zones in the area of MW-4, in the limited area of the tank pit, possibly in other areas, and through the aquitard that separates the zones at the majority of locations explored. The one location where vertical gradient evaluation was possible (MW-6 and MW-13B) showed a vertical gradient of +0.01, indicating slight upward flow. This location is near the UST tank pit, which is interpreted to have been dug beneath the aquitard. As shown in Figures 4 and 5, the hydraulic gradient appears to be generally equilibrated throughout the well network.

4.4 GEOTRACKER UPLOAD

Data associated with this assessment report has been uploaded to the California State Geotracker database. Confirmation of this electronic submittal is included in Appendix G.

4.5 SENSITIVE RECEPTOR SURVEY

Stantec conducted a sensitive receptor survey within a ½-mile radius of the site between July 2008 and August 2008. A detailed parcel survey was performed at a 500-foot radius surrounding the site. The 500-foot radius site map and the survey results are illustrated on the attached Table 7 and Figure 7, and the ½-mile radius map is shown on Figure 8. The survey

procedures and results are summarized below. Survey questionnaires are included in Appendix H.

4.5.1 Agency Survey

Stantec obtained a Well Completion Report Release Agreement from the SMCEHD-GPP in August 2007 that allowed access to the well completion records at the DWR. Stantec contacted DWR on July 2, 2008 to obtain any additional well completion records that may have been added to the records since 2007. Research of the DWR well completion record database identified one irrigation well located approximately 2,208 feet north-northeast of the Site at 1015 2nd Avenue, San Mateo. The well was installed in 1953 to a depth of 46 feet bgs with a screened interval of 30 to 46 feet bgs. A copy of the Well Completion Report Release Agreement is included in Attachment I.

4.5.2 1996 Survey Results

The well survey performed by Pacific (1996) identified four wells within a ¼-mile radius of the site. This included three cathodic protection wells and one irrigation well. The irrigation well identified in this survey was within a ½ mile radius and was located approximately 250 feet northwest along El Camino from the 9th Ave intersection and approximately 450 feet northeast into Central Park. The date of installation was unknown, and the total depth was 130 feet bgs. The City of San Mateo was contacted to verify the presence of the irrigation well in Central Park. Communication with Mr. Soulard indicated that there are two irrigation wells in Central Park (approximately 2,544 feet south of the site) and one irrigation well at King Center (approximately 3,648 north-northwest of the site).

4.5.3 Water Service Purveyor

The California Water Service Company (Cal Water) was identified as the public water service purveyor for the City of San Mateo. The Cal Water district serving the San Mateo area was identified as the Bayshore District. The district purchases water from the San Francisco Public Utilities Commission (SFPUC) and provides water to the cities of San Mateo and San Carlos. Communication with Mr. Mark Johnson of the Cal Water Bayshore District indicated that the Bayshore District did not currently have water supply wells within the 1/2 -mile boundary of the survey area. Mr. Johnson also indicated that the district is looking to buy land and install wells in the future, possibly at a location approximately ¾-mile southeast of the site.

4.5.4 Surface Water Bodies and Other Receptors

There was one surface water body (San Mateo Creek) identified within the limits of the ½-mile survey, approximately 1,488 feet north of the site. Six schools, three daycares, fourteen churches, two parks, two assisted living facilites, one family services agency, and one hospital were identified within the search ½-mile radius. These potential receptors were located cross- or up-gradient to the site (Figure 8).

4.5.5 Parcel Survey

Stantec conducted a parcel survey of the residences and businesses within the 500-foot search radius by mailing questionnaires. Each questionnaire (Attachment I) was sent with a self addressed and stamped envelope, and a copy of a site plan illustrating the location of the parcel in relation to the site. The questionnaire was approved by the SMCEHD-GPP in their letter dated January 30, 2008. Prior to mailing the questionnaires, Stantec contacted the San Mateo County Assessor's Office to obtain property owner information for the parcels within the 500-foot search radius. If the property owner listed for the parcel had a mailing address that was not the parcel address, a questionnaire was sent to both the property owner and the tenant of the parcel.

Stantec submitted the first round of questionnaires on Tuesday, July 11, 2008. The recipients were given approximately two weeks to remit the questionnaires. On Friday, July 25, 2008, Stantec submitted another copy of the questionnaire to the property owners and tenants that had not responded within the first two weeks. Stantec received responses for a total of 45 of the 87 parcels that were identified within the 500-foot search radius. The questionnaires were printed single-sided, and several respondents only returned the first page. Copies of the returned questionnaires are included as Attachment I.

The responses identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot search radius, as shown on Figure 7. Two of the respondents (422 and 520 El Dorado St.) indicated upon further contact that their property did not have a basement, but a crawl space. Stantec verified the existence of a basement with the property owners at 712 4th Ave., 604, 610, 614, and 704 5th Ave., 518 El Dorado St., and 320 Delaware St. and attempted to verify the existence of the other three basements. Messages for the other property owners (421 El Dorado St., 514 Delaware St., and 622 5th Ave.) were not returned. The sumps were reported on residential property northwest and northeast of the site. The property owners both indicated that the sumps were primarily used during heavy rains. The property owner at 320 Delaware St. indicated upon further contact that the sump pumped surface water. The property owner at 712 4th Ave was unsure if the sump pumped groundwater or surface water. Property usage surrounding the site was primarily commercial; however, residential properties existed to the east and southeast of the site.

4.5.6 Field Canvas

Stantec field staff visited the site to verify parcel addresses, identify land use, look for wells and appurtenant facilities, and to search for additional receptors located within the 500-foot foot search radius. There were no discrepancies noted between the physical addresses of the properties and list of property addresses obtained from the San Mateo County Assessors Office. The land use was identified as a mixture of commercial and residential, and was verified on many of the returned questionnaires. Additionally, Stantec did not identify groundwater production wells, or appurtenant facilities associated with groundwater production wells, within the search radius.

5.0 Conclusions and Recommendations

The groundwater gradients evaluated using the previously existing and newly constructed wells, and the discreetly screened deep water-bearing zone wells, are consistent with previous gradients. It appears that there is hydraulic connection between the two water-bearing zones in the area of MW-4, in the limited area of the tank pit excavation, possibly in other areas, and through the aquitard that separates the zones at the majority of locations explored. As shown in Figures 4 and 5, the hydraulic gradient appears to be generally equilibrated throughout the well network.

Although the aquitard between the water-bearing zones appears to be leaky, based on soil and groundwater laboratory results from MW-6 and MW-13, it is helping to retard downward migration of hydrocarbons.

Shallow wells MW-10 and MW-11 did not contain water, most likely due to the late summer season; however, analysis of soil samples from the potential shallow water-bearing zone in these downgradient wells did not indicate the presence of petroleum hydrocarbons. The lateral extent of dissolved-phase hydrocarbons in the shallow water-bearing zone is delineated to the northwest, northeast, and southwest (upgradient and crossgradient) by borings and wells MW-9, MW-8, and MW-7. Stantec recommends that wells MW-10 and MW-11 be inspected for the presence of groundwater, and developed as necessary, prior to the first quarter 2009 semiannual monitoring and sampling event, to allow collection of a time-synchronous round of groundwater data from the shallow water-bearing zone, including downgradient wells, during that quarter. If concentrations in MW-6 remain at current levels, remediation in this area will be warranted.

The lateral extent of dissolved-phase hydrocarbons in deeper groundwater is delineated to relatively low concentrations to the southwest (crossgradient) by SP-7 and MW-7, and to the east and southeast (downgradient) by wells MW-4, MW-12B, and MW-15B. Concentrations of dissolved phase petroleum hydrocarbons in offsite soil boring SP-8 were not confirmed by the results from well MW-12B, which were more than two orders of magnitude lower. These concentrations should be verified by semiannual sampling and analysis.

Although PCE, TCE, and cis-1,2-DCE have been detected in groundwater, the site does not appear to be the source of these compounds. Stantec recommends that analysis for these compounds be discontinued.

Based on the distances and locations of the potential receptors upgradient and crossgradient of the site, Stantec does not recommend further investigation of these receptors. Based on the soil laboratory results from MW-10 and MW-11, Stantec does not recommend further investigation of the basements downgradient (east and southeast) of the site at this time. If groundwater from MW-10 and MW-11 is analyzed and found to contain petroleum

hydrocarbons, then Stantec will recommend further investigation and possibly vapor or groundwater sampling to confirm that hydrocarbons are not impacting the basements.

6.0 Limitations

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared By:

Laura Sanchez
Project Geologist

Information, conclusions, and recommendations provided by Stantec in this document have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Name: Diane M. Barclay, C.H.G.
Principal Geologist

Signature:

Date: September 10, 2008

Stamp:



Cc: Ms. Shelby Lathrop, ConocoPhillips Company (via electronic upload to Livelink)

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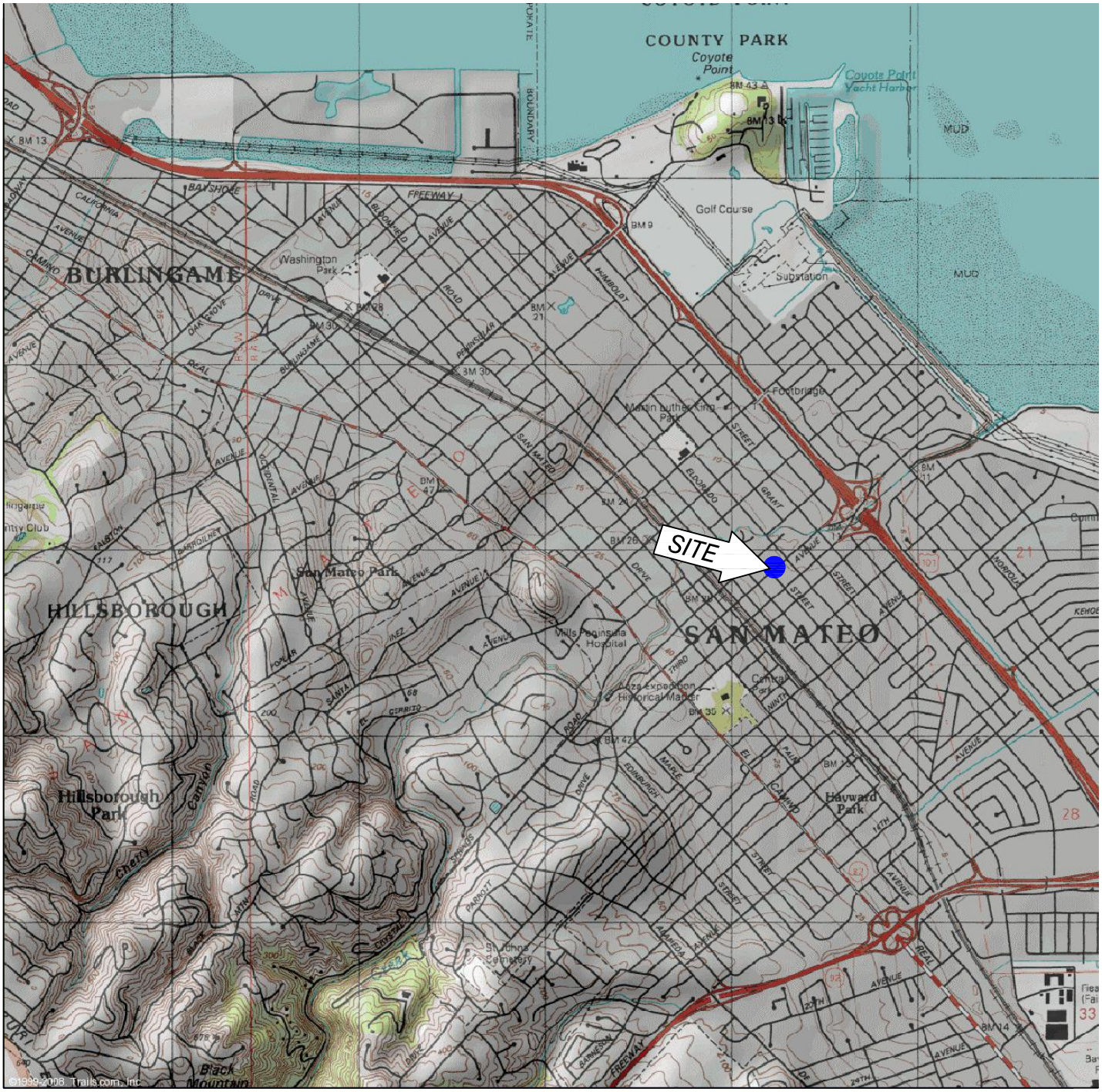
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FIGURES





1 1/2 0 1

SCALE (MILES)

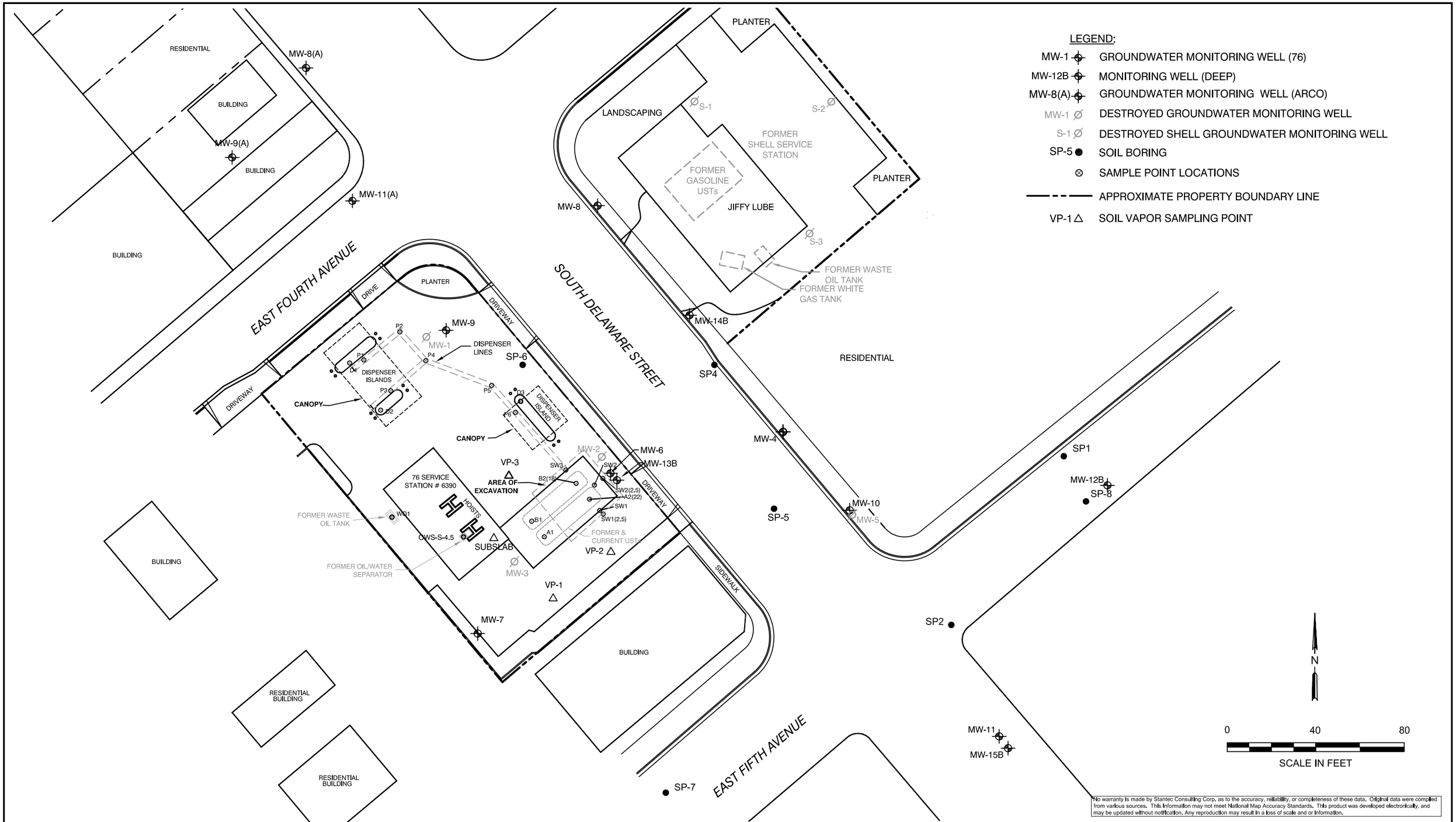
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SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, SAN MATEO, CALIFORNIA

Stantec	FOR: CONOCOPHILLIPS 76 STATION STATION NO.6390 402 SOUTH DELAWARE STREET SAN MATEO, CALIFORNIA	**SITE LOCATION MAP**			FIGURE: **1**
	JOB NUMBER: 77CP.01574.43	DRAWN BY: MDR	CHECKED BY: MJB	APPROVED BY: DMB	DATE: 08/26/08

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REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007 AND BY MID COAST ENGINEERS ON AUGUST 18, 2008

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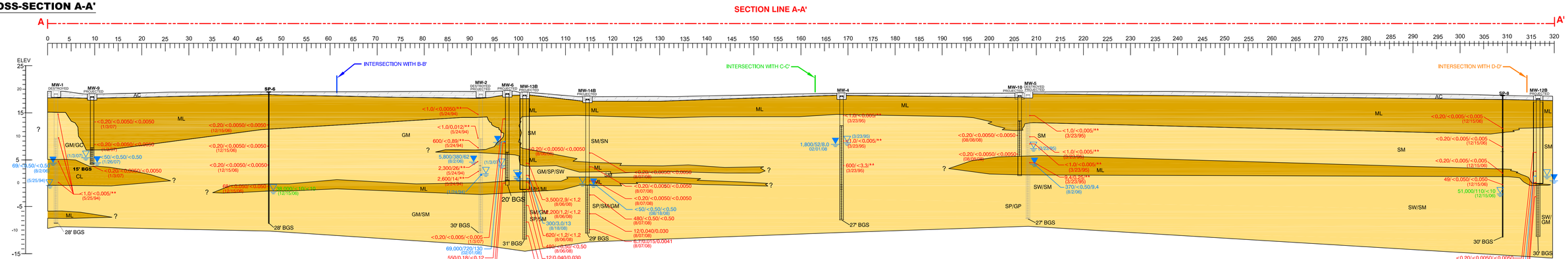
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

EXTENDED SITE PLAN

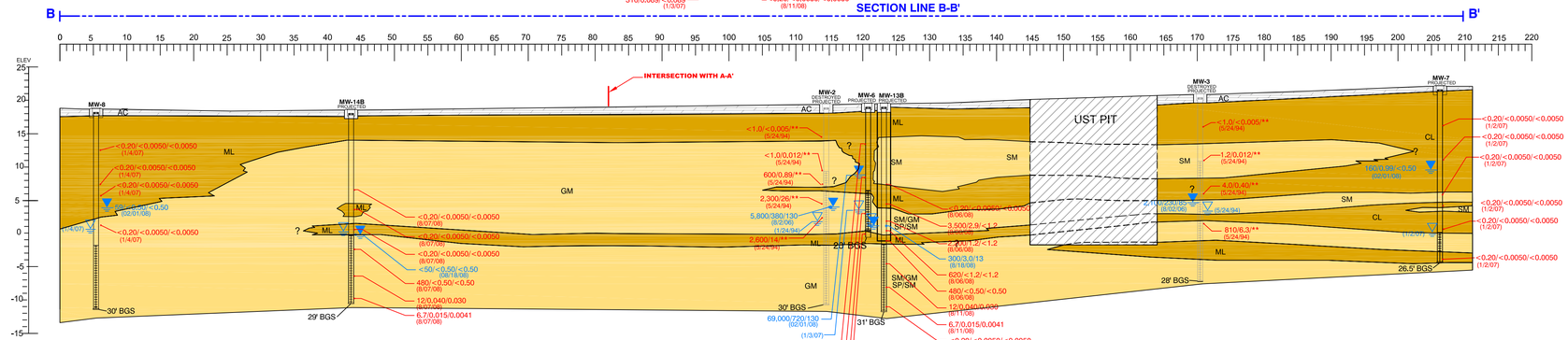
FIGURE: **2**

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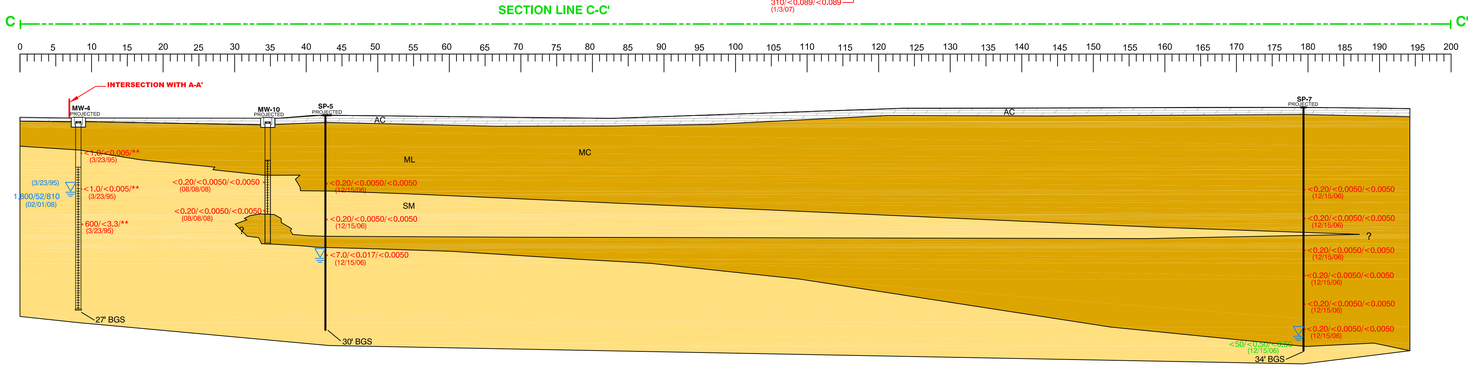
CROSS-SECTION A-A'



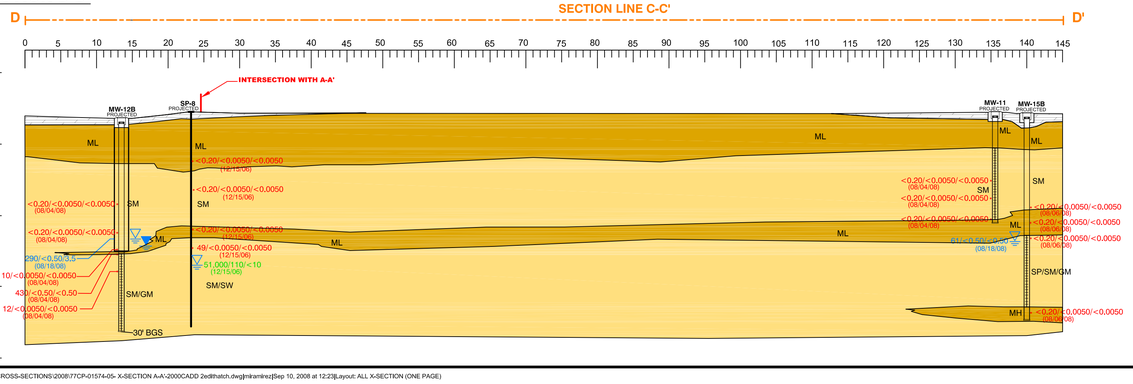
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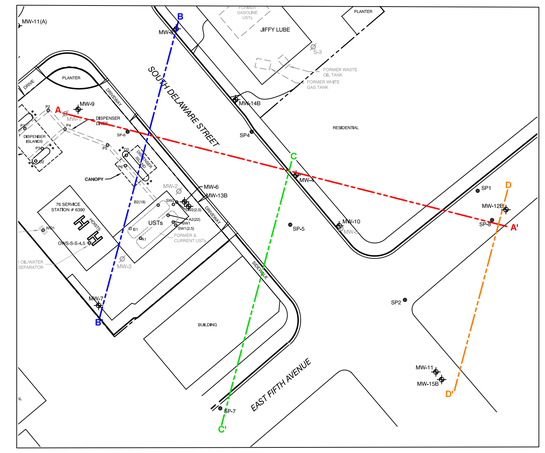


CROSS-SECTION C-C'



CROSS-SECTION D-D'





CROSS-SECTION LOCATION MAP SCALE: 1" = 50'

LEGEND:

TPPH = TOTAL PURGEABLE PETROLEUM HYDROCARBONS
MTBE = METHYL TERIARY BUTYL ETHER

00/00/00 SOIL ANALYTICAL DATA (TPPH/Benzene/MtBE) (** NO MTBE DATA) mg/kg
00/00/00 GROUNDWATER ANALYTICAL DATA (TPPH/Benzene/MTBE) µg/L
00/00/00 GRAB GROUNDWATER (TPPH/Benzene/MTBE) µg/L
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER

STATIC GROUNDWATER (DATE)
INITIAL GROUNDWATER DURING DRILLING (DATE)

WELL CASING
CONDUCTOR CASING
SCREENED INTERVAL FOR MONITORING WELLS
SOIL BORING

CLAY AND SILT (ML/CL/MH)
CLAYEY SAND TO SAND WITH GRAVEL (SC/SM/SW/GM)
PAVEMENT (AC)
INTERPRETED SOIL STRATIGRAPHIC BOUNDARY

10 0 0 10
APPROXIMATE SCALE IN FEET

Stantec

FOR: ConocoPhillips
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GEOLOGIC CROSS SECTIONS A-A', B-B', C-C' AND D-D'

FIG: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.47	MDR	LS	DMB	08/21/08

FILEPATH:M:\ConocoPhillips\6390\CROSS-SECTIONS\2008\77CP-01574-05- X-SECTION A-A'-2000CADD 2ed\thatch.dwg[miramirez]Sep 10, 2008 at 12:23][Layout: ALL X-SECTION (ONE PAGE)]

LEGEND:

- MW-4 — GROUNDWATER MONITORING WELL (76)
- MW-12B — MONITORING WELL (76)
- MW-8(A) — GROUNDWATER MONITORING WELL (ARCO)
- MW-1 — DESTROYED GROUNDWATER MONITORING WELL
- S-1 — DESTROYED SHELL GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY LINE
- GRADIENT 0.003 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 2.00 — GROUNDWATER ELEVATION CONTOUR (FEET)
- 2.06 — GROUNDWATER ELEVATION (FEET)
- * — NOT USED IN CONTOURING ANOMALOUS DATA

RESIDENTIAL
BUILDING
MW-8(A)
BUILDING
MW-9(A)
BUILDING
MW-11(A)
BUILDING
EAST FOURTH AVENUE
DRIVE
PLANTER
DRIVEWAY
MW-1
MW-9
DRY
DISPENSER LINES
DISPENSER ISLANDS
DRIVEWAY
CANOPY
CANOPY
DISPENSER ISLAND
76 SERVICE STATION # 6390
AREA OF EXCAVATION
HOIST
FORMER WASTE OIL TANK
FORMER OIL/WATER SEPARATOR
MW-3
BUILDING
RESIDENTIAL BUILDING
RESIDENTIAL BUILDING
BUILDING
MW-7
2.40
MW-2
MW-6
2.21
MW-13B
2.22
FORMER & CURRENT USTs
DRIVEWAY
SIDEWALK
BUILDING
EAST FIFTH AVENUE
SOUTH DELAWARE STREET
PLANTER
LANDSCAPING
S-1
S-2
FORMER SHELL SERVICE STATION
FORMER GASOLINE USTs
JIFFY LUBE
S-3
PLANTER
MW-8
2.31
MW-14B
2.21
FORMER WASTE OIL TANK
FORMER WHITE GAS TANK
RESIDENTIAL
MW-4
2.05
MW-10
DRY
MW-5
GRADIENT 0.003
MW-12B
1.69
MW-11*
4.52
MW-15B
1.80
2.30
2.40
2.20
2.10
2.00
1.90
1.80
1.70
?

N

0 40 80

SCALE IN FEET

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Stantec

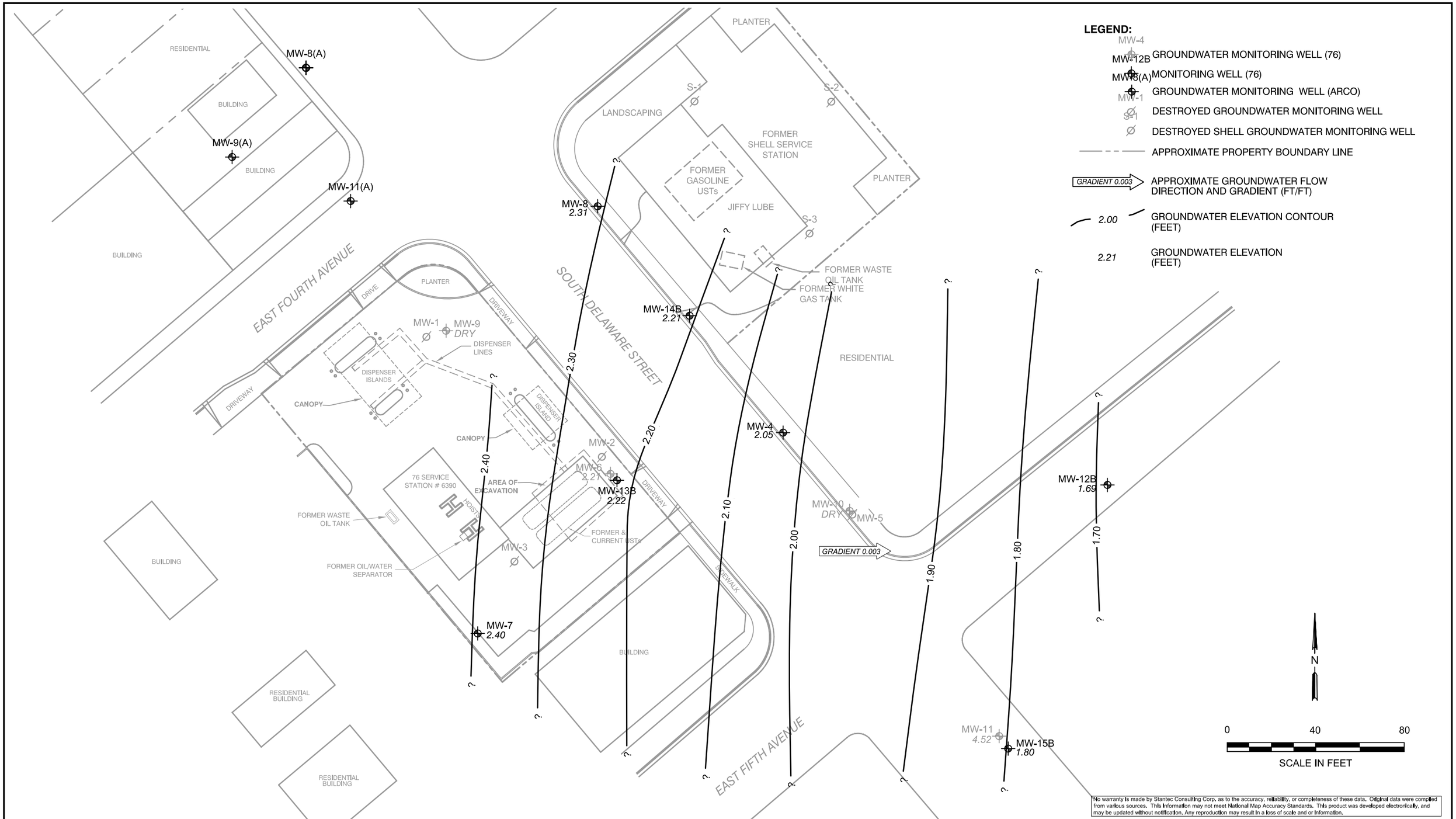
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP AUGUST 18, 2008

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.43	MDR/STA	LS	DMB	09/08/08

FILEPATH:M:\ConocoPhillips\6390\AUTOPOST 2008\3RD Qtr\FIG-4 CP-6390 GW-ELEV.dwg|miramirez|Sep 10, 2008 at 15:49|Layout: 11x17



LEGEND:

- MW-4 — GROUNDWATER MONITORING WELL (76)
- MW-12B — MONITORING WELL (76)
- MW-8(A) — GROUNDWATER MONITORING WELL (ARCO)
- MW-1 — DESTROYED GROUNDWATER MONITORING WELL
- S-1 — DESTROYED SHELL GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY LINE
- GRADIENT 0.003 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 2.00 — GROUNDWATER ELEVATION CONTOUR (FEET)
- 2.21 — GROUNDWATER ELEVATION (FEET)

REFERENCE: THIS FIGURE IS BASED ON A MAP PROVIDED BY MORROW SURVEYING ON JANUARY 18, 2007 AND BY MID COAST ENGINEERS ON AUGUST 18, 2008

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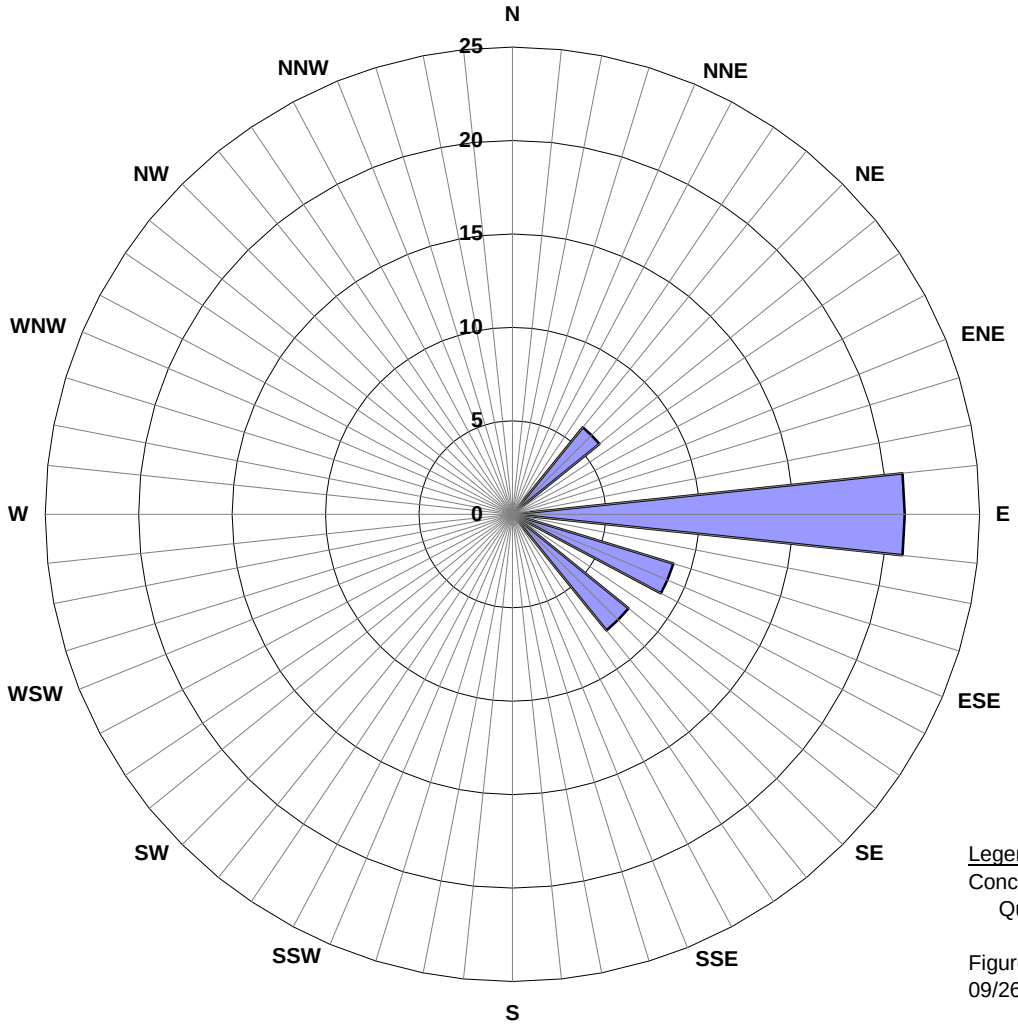
FOR:
CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP DEEP ZONE AUGUST 18, 2008

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.43	MDR/STA	LS	DMB	09/08/08

FIGURE 6
GROUNDWATER FLOW DIRECTION ROSE DIAGRAM
76 Service Station #6390
402 South Delaware Street
San Mateo, California



Legend
Concentric Circles represent
Quarterly Montoring Events

Figure represents data collected between
09/26/1994 and 8/18/2008

44 events shown

LEGEND:

- COMMERCIAL
- RESIDENTIAL
- (B) BASEMENT
- (S) SUMP
- RESPONDED TO SURVEY
- SURVEY BOUNDARY

EAST THIRD AVENUE
SOUTH EL DORADO STREET
SOUTH DELAWARE STREET
EAST FOURTH AVENUE
CLARMONT STREET
EAST FIFTH AVENUE
RAIL ROAD AVENUE
RAIL ROAD AVENUE
RAIL ROAD AVENUE
500 FOOT RADIUS
SITE
ARCO STATION BUILDING
PG&E

034-184-090
034-184-050
034-188-140
034-188-150
034-188-160
033-164-160
033-167-130
033-167-120
033-167-110
033-167-100
033-167-140
033-167-010
033-167-020
033-167-030
033-167-040
033-167-060
033-167-050
034-185-120
034-185-110
034-185-190
034-185-200
034-185-140
034-185-150
034-185-030
034-185-040
034-185-050
034-185-170
034-189-080
034-189-040
034-189-050
034-189-100
033-291-080
033-291-070
033-291-060
033-291-050
033-291-040
033-291-030
033-291-020
033-291-010
033-291-090
033-291-280
033-291-270
033-291-260
034-182-010
034-182-110
034-182-100
034-182-020
034-182-030
034-182-150
034-182-040
034-182-050
034-182-060
034-186-080
034-186-070
034-186-060
034-186-090
033-283-060
033-283-050
033-283-040
033-283-030
033-283-020
033-283-010
033-283-070
033-283-080
033-283-090
033-283-100
033-283-280
033-283-270
033-283-260
033-283-250
033-283-240
033-283-230
033-283-220
033-283-290
033-282-470
033-282-460
033-282-020
033-282-030
033-282-040
033-282-050
033-282-060
033-282-380
034-183-060
033-281-140
033-281-010

N

0 100 150 200

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON PARCEL MAPS PROVIDED BY THE SAN MATEO COUNTY ASSESSOR'S OFFICE.

Stantec

FOR:
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

500 FOOT RADIUS SEARCH MAP

FIGURE: **7**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.47	MDR/STA	LS	DMB	08/28/08



REFERENCE: GOOGLE EARTH, SAN MATEO, CALIFORNIA

0 1/2 1

SCALE (MILES)

North

CALIFORNIA

= IDENTIFIED RECEPTORS

A. 1015 2ND AVENUE
B. CENTRAL PARK - CITY OF SAN MATEO
C. CENTRAL PARK - CITY OF SAN MATEO
D. KING CENTER - CITY OF SAN MATEO 725 MONTE DIABLO AVENUE
1. KINDER COURT SCHOOL SYSTEM
2. INTERCOMMUNCAL SURVIVAL SCHOOL
3. LITTLE WONDERS
4. ST. MATHEWS EPISCOPAL SCHOOL
5. SUNNYBRAE ELEMENTARY
6. GAZELL DEVELOPMENT SCHOOL
7. ST. MATHEWS CATHOLIC SCHOOL
8. BRIGHTER FUTURES FAMILY DAYCARE
9. GROW WITH US DAYCARE
10. FAMILY SERVICES AGENCY OF SAN MATEO
11. HOPE EVANGELICAL LUTHERAN CHURCH ELCA
12. SECOND BAPTIST CHURCH
13. FREE CHURCH OF TORGA
14. SAN MATEO BAPTIST CHURCH
15. MACEDORIA CHURCH OF GOD-CHRIST
16. STURGE PRESBYTERIAN CHURCH
17. COMMUNITY BAPTIST CHURCH
18. CONGRETIONAL CHURCH
19. ST. MATHEWS EPISCOPAL CHURCH
20. CHRISTIAN SCIENCE CHURCHES
21. CHRIST CHURCH OF BAY AREA
22. ST. MATHEWS CATHOLIC CHURCH
23. CHURCH OF CHRIST
24. TENSHO KOTAI JINGUKYO
25. SUNRISE ASSISTED LIVING OF SAN MATEO
26. MILLS PENINSULA HOSPITAL

= IRRIGATION WELL

= ½ MILE RADIUS

Stantec

FOR: 76
SERVICE STATION NO.6390
402 S. DELAWARE STREET
SAN MATEO, CA.

1/2 MILE RECEPTOR SURVEY RADIUS

FIGURE: **8**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01235.47	CM	LS	DMB	08/28/08

FILEPATH:M:\ConocoPhillips\6390\FIG 7 HALF MILE.DWG|miramirez|Sep 10, 2008 at 16:02|Layout: Layout1

TABLES

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																						
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 **a**	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	**1.1**	**67**	**73**	**6.0**	**44**
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	**5.9 b**	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																						
SP-5																						
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-6																						
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	**68 e**	<0.050 **e**	<0.050 **e**	**1.6 e**	**3.3 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
SP-7																						
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-20-20.5	20-20.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8																						
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	**49 e**	<0.050 **e**	<0.050 **e**	**2.1 e**	**7.4 e**	<0.050 **e**	<0.050 **e**	<0.050 **e**	<0.010 **e**	<10 **e**	<0.050 **e**	<0.010 **e**	<2.0 **d,e**	--	--	--	--	--
Groundwater Monitoring Wells																						
MW-1																						
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																						
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																						
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-4																						
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																						
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6			--	--																		
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** e	**0.18** e	**32** e	**20** e	**110** e	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** e	<0.25 e	**1.3** e	**10** e	**38** e	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** e	**0.089** e	**2.7** e	**10** e	**37** e	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089** e	<0.0050 e	<1.0 e	--	--	--	--	--
MW-7			--	--																		
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-8			--	--																		
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-9			--	--																		
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--
MW-10			--	--																		
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-11			--	--																		
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B			--	--																		
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17** e	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430** e	<0.50 e	<0.50 e	**3.4** e	**7.6** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12** e	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76** e	**0.0099** e, f	**0.011** e, f	**1.5** e	**3.1** e	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034** e, f	<0.025 e	<0.25 e	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015** f	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-13B			--	--																		
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500** e	**2.9** e	**250** e	**85** e	**660** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200** e	**1.2** e	**86** e	**38** e	**220** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620** e	<1.2 e	**12** e	**14** e	**73** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480** e	<0.50 e	**2.1** e	**11** e	**47** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12** e	**0.040** e, f	**0.78** e	**0.38** e	**1.9** e	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030** e, f	<0.050 e	<0.50 e	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7** e	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** f	<0.0050	<0.050	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--
MW-14B			--	--																		
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--

TABLE 1
HISTORICAL SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPHd [1] (mg/kg)	TOG [2] (mg/kg)	TPPH [3] (mg/kg)	BTEX [4] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Fuel Oxygenates [5] 1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Metals [6] Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-15B			--	--																		
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--
Oil/Water Separator Removal																						
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPHd	Total petroleum hydrocarbons as diesel
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 6000/7000

a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 0.0064 mg/kg. The additional HVOCs were reported as non-detect.
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL'S and MDL's was raised due to sample dilution.
f Estimated Value (CLP Flags)

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates								PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic [5] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)				
UST Replacement Water Sample																										
W1	--	--	8/25/1992	21	--	--	--	--	28,000 **a**	50,000	1,200	6,700	1,400	10,000	--	--	--	--	--	--	--	--	--			<0.050
Monitoring Wells																										
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.8	-2.93	-2.38	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.9	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	--	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	10	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.5	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.2	5.67	2.30	0	No	--	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.7	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.7	-1.83	-1.53	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<40	--	--	--	--	--	--
			11/18/96	17.01	-2.14	-0.40	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/20/97	8.96	5.91	8.05	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			05/27/97	15.37	-0.50	-6.41	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			08/26/97	17.01	-2.14	-1.64	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			11/25/97	16.5	-1.63	0.51	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/13/98	6.07	8.80	10.43	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			05/21/98	11.76	3.11	-5.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/17/98	15.15	-0.28	-3.39	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/19/98	16.13	-1.26	-0.98	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/15/99	10.94	3.93	5.19	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			05/13/99	12.7	2.17	-1.76	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/10/99	15.39	-0.52	-2.69	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/09/99	16.28	-1.41	-0.89	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/14/00	10.38	4.49	5.90	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			05/18/00	13.62	1.25	-3.24	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			08/09/00	16.43	-1.56	-2.81	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/08/00	16.2	-1.33	0.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/14/01	13.34	1.53	2.86	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/15/01	16.63	-1.76	-3.29	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/13/02	12.46	2.41	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			08/26/02	16.26	-1.39	-3.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/18/03	12.09	2.78	4.17	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.0	--	--	--	--	--	--
			08/21/03	15.25	-0.38	-3.16	0	No	--	63	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<2.0	--	--	--	--	--	--
			03/30/04	12.05	2.82	3.20	0	No	--	81	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
			08/18/04	16.04	-1.17	-3.99	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
		19.46 †	03/10/05	9.66	9.80	--	0	No	--	84 k	1.70	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	-11.94	-16.33	0	No	--	94	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--	--
			08/02/06	15.08	-15.08	-3.14	0	No	--	69 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-2	10 - 30	14.5 ♦	06/15/94	15.33	-0.83	--	0	No	--	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	--	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	--	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	--	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	--	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.54	-2.04	-1.46	0	No	--	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	17.8	-3.30	-1.26	0	No	--	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.74	6.76	10.06	0	No	--	10,000	2,400	2,000	530	2,900	--	--	--	--	--	3,500	--	--	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	--	120,000	10,000	39,000	3,100	19,000	--	--	--	--	--	9,900	--	--	--	--	--	--
			08/27/96	16.5	-2.00	-3.27	0	No	--	340,000	1,000	42,000	3,800	22,000	--	--	--	--	--	5,300	--	--	--	--	--	--
			11/18/96	16.9	-2.40	-0.40	0	No	--	32,000	2,500	7,200	760	4,000	--	--	--	--	--	4,400	--	--	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	--	<250	76	3.1	<2.5	13	--	--	--	--	--	1,200	--	--	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	--	39,000	3,700	11,000	1,200	6,700	--	--	--	--	--	4,200	--	--	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	--	69,000	7,200	20,000	2,900	17,000	--	--	--	--	--	4,500	--	--	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	--	110,000	5,800	21,000	3,400	20,000	--	--	--	--	--	3,400	--	--	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	--	10,000	850	510	170	2,000	--	--	--	--	--	630	--	--	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	--	38,000	3,300	6,700	1,200	5,800	--	--	--	--	--	2,200	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates								PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic [6] Lead (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)				
MW-2 (Cont.)			08/17/98	15.2	-0.70	-3.42	0	No	--	79,000 f	6,100	12,000	3,000	17,000	--	--	--	--	--	3,700	--	--	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	--	430	27	20	23	120	--	--	--	--	--	17	--	--	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	--	7,600	900	170	340	1,500	--	--	--	--	--	800	--	--	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	--	53,000	4,100	7,900	2,200	12,000	--	--	--	--	--	1,800	--	--	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	--	59,000	3,300	5,300	2,600	17,000	--	--	--	--	--	1,700	--	--	--	--	--	--
			11/09/99	16.2	-1.70	-0.85	0	No	--	29,900	2,070	1,530	1,610	5,820	--	--	--	--	--	1,300	--	--	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	--	6,460	716	140	478	942	--	--	--	--	--	636	--	--	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	--	27,400	1,830	3,400	1,500	6,160	--	--	--	--	--	1,230 i	--	--	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	--	36,900	2,400	450	2,060	9,510	--	--	--	--	--	1,220	--	--	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	--	50,300	3,110	2,960	2,550	12,000	--	--	--	--	--	872	--	--	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	--	8,090	700	55.90	630	597	--	--	--	--	--	841	--	--	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	--	13,000	1,500	910	1,300	1,300	--	--	--	--	--	910	--	--	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	--	23,000	1,600	2,400	1,500	4,200	--	--	--	--	--	640	--	--	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	--	32,000	1,600	900	2,100	6,300	--	--	--	--	--	<250	--	--	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	--	600	93	13	3.4	46	--	--	--	--	--	98	--	--	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	--	25,000	1,300	330	1,400	5,400	--	--	--	--	--	460	--	--	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	--	9,800	790	800	1,000	1,900	--	--	--	--	--	400	--	--	--	--	--	--
			08/18/04	16	-1.50	-4.82	0	No	--	14,000	1,100	150	2,000	2,000	--	--	--	--	--	600	--	--	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	--	160	16	14	9.7	14	--	--	--	--	--	34	--	--	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	0	No	--	3,400	370	23	750	220	--	--	--	--	--	220	--	--	--	--	--	--
			03/02/06	11.89	-11.89	-15.97	0	No	--	4,100	240	85	160	420	--	--	--	--	--	140	--	--	--	--	--	--
			08/02/06	14.99	-14.99	-3.10	0	No	--	5,800 n	380 n	12 n	840 n	370 n	--	--	--	--	--	130 n	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/03/2007																							
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	--	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	--	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	--	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	--	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.9	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	--	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	17.95	-1.88	-1.50	0	No	--	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 **c**	19.25	-3.18	-1.30	0	No	--	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	--	3,200	1,300	99	68	240	--	--	--	--	--	1,700	--	--	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	--	1,300	350	120	42	120	--	--	--	--	--	1,300	--	--	--	--	--	--
			08/27/96	17.9	-1.83	-3.32	0	No	--	14,000	650	210	82	250	--	--	--	--	--	1,200	--	--	--	--	--	--
			11/18/96	18.19	-2.12	-0.29	0	No	--	1,700	440	90	21	150	--	--	--	--	--	1,600	--	--	--	--	--	--
			02/20/97	9.42	6.65	8.77	0	No	--	<50	1.3	<0.50	<0.50	<0.50	--	--	--	--	--	200	--	--	--	--	--	--
			05/27/97	16.67	-0.60	-7.25	0	No	--	12,000	1,700	1,000	520	2,900	--	--	--	--	--	2,400	--	--	--	--	--	--
			08/26/97	18.32	-2.25	-1.65	0	No	--	6,400	1,800	100	430	1,300	--	--	--	--	--	2,400	--	--	--	--	--	--
			11/25/97	17.4	-1.33	0.92	0	No	--	7,800	2,000	190	420	750	--	--	--	--	--	2,700	--	--	--	--	--	--
			02/13/98	6.55	9.52	10.85	0	No	--	3,900	1,000	<25	180	150	--	--	--	--	--	1,700	--	--	--	--	--	--
			05/21/98	13.11	2.96	-6.56	0	No	--	320	180	<2.0	<2.0	3.5	--	--	--	--	--	490	--	--	--	--	--	--
			08/17/98	16.51	-0.44	-3.40	0	No	--	115 e	25	0.99	7.3	10	--	--	--	--	--	18	--	--	--	--	--	--
			11/19/98	17.47	-1.40	-0.96	0	No	--	4,600	1,500	<12	430	190	--	--	--	--	--	1,800	--	--	--	--	--	--
			02/15/99	12.35	3.72	5.12	0	No	--	2,400	910	6.5	200	110	--	--	--	--	--	1,200	--	--	--	--	--	--
			05/13/99	13.96	2.11	-1.61	0	No	--	1,900	640	<5.0	48	77	--	--	--	--	--	1,100	--	--	--	--	--	--
			08/10/99	16.08	-0.01	-2.12	0	No	--	14,000	2,600	<50	680	2,000	--	--	--	--	--	2,000	--	--	--	--	--	--
			11/09/99	17.6	-1.53	-1.52	0	No	--	5,060	1,330	<20	292	282	--	--	--	--	--	1,440	--	--	--	--	--	--
			02/14/00	11.64	4.43	5.96	0	No	--	4,400	1,140	64.2	346	338	--	--	--	--	--	946	--	--	--	--	--	--
			05/18/00	14.89	1.18	-3.25	0	No	--	2,770	884	<10	140	109	--	--	--	--	--	735	--	--	--	--	--	--
			08/09/00	17.71	-1.64	-2.82	0	No	--	23,600	2,790	2,470	1,470	4,230	--	--	--	--	--	1,130	--	--	--	--	--	--
			11/08/00	17.51	-1.44	0.20	0	No	--	62,100	3,480	16,000	2,120	9,460	--	--	--	--	--	540	--	--	--	--	--	--
			02/14/01	14.58	1.49	2.93	0	No	--	32,800	2,540	2,660	2,460	7,740	--	--	--	--	--	320	--	--	--	--	--	--
			08/15/01	17.95	-1.88	-3.37	0	No	--	7,700	1,000	<20	830	1,500	--	--	--	--	--	660	--	--	--	--	--	--
			02/13/02	13.72	2.35	4.23	0	No	--	2,300	340	20	170	200	--	--	--	--	--	110	--	--	--	--	--	--
			08/26/02	17.61	-1.54	-3.89	0	No	--	5,900	960	<25	800	1,000	--	--	--	--	<5000	330	--	--	--	--	--	--
			02/18/03	13.32	2.75	4.29	0	No	--	770	160	37	9.7	70	--	--	--	--	--	46	--	--	--	--	--	--
			08/21/03	16.7	-0.63	-3.38	0	No	--	18,000	1,100	260	1,100	4,000	--	--	--	--	--	370	--	--	--	--	--	--
			03/30/04	13.35	2.72	3.35	0	No	--	720	140	<1.0	6.0	14	--	--	--	--	--	47	--	--	--	--	--	--
			08/18/04	17.43	-1.36	-4.08	0	No	--	3,500	740	<2.5	25	15	--	--	--	--	--	150	--	--	--	--	--	--
MW-3 (Cont.)		20.69 †	03/10/05	10.89	9.80	--	0	No	--	130	43	1.0	1.0	6.2	--	--	--	--	--	19	--	--	--	--	--	--
			08/11/05	16.44	4.25	-5.55	0	No	--	1,900	260	6.1	12	26	--	--	--	--	--	140	--	--	--	--	--	--
			03/01/06	13.29	-13.29	-17.54	0	No	--	2,100	330	3.6	14	58	--	--	--	--	--	120	--	--	--	--	--	--
			08/02/06	16.37	-16.37	-3.08	0	No	--	2,100	230 n	11	44	240	--	--	--	--	--	85	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	--	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	--	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 **b**	16.51	-2.13	-1.36	0	No	--	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3]				Fuel Oxygenates								PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic Lead [6] (mg/L)
											Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)				
MW-4 (Cont.)			12/08/95 c	17.82	-3.44	-1.31	0	No	--	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	--	44,000	3,400	11,000	1,300	7,200	--	--	--	--	--	1,700	--	--	--	--	--	--
			05/29/96	13.3	1.08	-5.42	0	No	--	100,000	5,100	28,000	3,200	19,000	--	--	--	--	--	4,000	--	--	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	--	41,000	2,200	3,300	780	4,000	--	--	--	--	--	500	--	--	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	--	29,000	2,300	4,000	1,100	5,600	--	--	--	--	--	3,000	--	--	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	--	<250	65	3.70	<2.5	15	--	--	--	--	--	1,100	--	--	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	--	5,500	690	460	200	1,600	--	--	--	--	--	290	--	--	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	--	21,000	1,600	3,000	1,000	5,400	--	--	--	--	--	530	--	--	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	--	24,000	1,000	2,300	840	4,800	--	--	--	--	--	250	--	--	--	--	--	--
			02/13/98	5.8	8.58	10.07	0	No	--	62 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--	--	--
			05/21/98	11.86	2.52	-6.06	0	No	--	86	0.86	<0.50	<0.50	<0.50	--	--	--	--	--	8.4	--	--	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	--	120	3.1	6.5	<0.50	18	--	--	--	--	--	6.4	--	--	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	--	230	7.8	42	5.5	43	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	--	68 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.4	--	--	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	3.0	--	--	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	--	1,320	38	211	50	228	--	--	--	--	--	<25	--	--	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	--	51.3	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.86	--	--	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	--	534	8.75	62	26.3	131	--	--	--	--	--	2.56	--	--	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	--	2,190	34	347	70.6	536	--	--	--	--	--	<12.5	--	--	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	--	287	5.37	13.4	9.52	32.9	--	--	--	--	--	16.9	--	--	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	--	490	4.2	48	20	140	--	--	--	--	--	2.7	--	--	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	--	58 e	2.30	<0.50	<0.50	1.60	--	--	--	--	--	21	--	--	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	--	180	1.50	15	1.10	55	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	--	550	58	3.50	<0.50	110	--	--	--	--	--	33	--	--	--	--	--	--
			08/21/03	15.3	-0.92	-3.18	0	No	--	120	<0.50	<0.50	<0.50	1.20	--	--	--	--	--	<2.0	--	--	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	--	220	0.91	<0.50	1.50	1.30	--	--	--	--	--	24	--	--	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	--	81	<0.50	<0.50	0.60	2.80	--	--	--	--	--	<0.50	--	--	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	--	8,600	290	360	560	1,800	--	--	--	--	--	41	--	--	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	--	140	3.9	6.1	2.2	7.7	--	--	--	--	--	0.23	--	--	--	--	--	--
			03/01/06	11.91	-11.91	-15.82	0	No	--	2,800	70	37	200	370	--	--	--	--	--	43	--	--	--	--	--	--
			08/02/06	15.08	-15.08	-3.17	0	No	--	170 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	0.84	--	--	--	--	--	--
			01/26/07	14.91	4.11	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	83	--	--	--
			08/28/07	16.85	2.17	-1.94	0	No	--	<50 s,l	<0.50	<0.50	<0.50	<0.50						<0.50			43	n.t		
			02/01/08 r	10.32	8.70	4.59	0	No	--	1,800 n	52	5.0	7.6	410 n	--	--	--	--	--	8.0	--	--	68	8.1	8.9	--
		19.01 ‡‡	8/18/2008	16.96	2.05	-2.06	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	--	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.8	0.45	-1.11	0	No	--	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.1	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 b	16.51	-2.26	-1.41	0	No	--	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 c	17.77	-3.52	-1.26	0	No	--	200 d	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	--	310	93	0.95	0.62	4.10	--	--	--	--	--	2,100	--	--	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	--	180	9.70	12	1.70	8.10	--	--	--	--	--	730	--	--	--	--	--	--
			08/27/96	16.5	-2.25	-3.23	0	No	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	69	--	--	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	--	91	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	26	--	--	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	--	<50	2.30	<0.50	<0.50	0.87	--	--	--	--	--	280	--	--	--	--	--	--
			05/27/97	15.23	-0.98	-6.45	0	No	--	91	<0.50	<0.50	<0.50	0.62	--	--	--	--	--	20	--	--	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	--	81	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	--	110	1.40	1.10	0.55	3.10	--	--	--	--	--	9	--	--	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	--	100 e	0.53	<0.50	<0.50	<0.50	--	--	--	--	--	22	--	--	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	--	120	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	73	--	--	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	--	110	110	<0.50	<0.50	<0.50	--	--	--	--	--	11	--	--	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	--	100 g	1.20	<0.50	0.50	0.88	--	--	--	--	--	13	--	--	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	--	110 e	<0.50	<0.50	<0.50	8.80	--	--	--	--	--	8.80	--	--	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	--	98	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	7.10	--	--	--	--	--	--
			08/10/99	15.4	-1.15	-2.73	0	No	--	120 f	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<2.5	--	--	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	--	120 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<5.0	--	--	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	--	133 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	13.30	--	--	--	--	--	--
			05/18/00	13.55	0.70	-3.48	0	No	--	114 e	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	24.10	--	--	--	--	--	--
			08/09/00	16.5	-2.25	-2.95	0	No	--	180 j	0.53	2.09	<0.50	2.19	--	--	--	--	--	7.76	--	--	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	--	131	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	2.86	--	--	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	--	175 e	<0.50	0.54	<0.50	0.69	--	--	--	--	--	13.40	--	--	--	--	--	--
			08/15/01	16.55	-2.30	-3.48	0	No	--	390	3.40	38	16	110	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	--	100 e	1.40	<0.50	<0.50	<0.50	--	--	--	--	--	10	--	--	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	--	310	7.20	33	4.60	76	--	--	--	--	--	<2.5	--	--	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	--	400	64	<1.0	<1.0	6.40	--	--	--	--	--	210	--	--	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	--	310	3.30	4.30	1.10	14.00	--	--	--	--	--	2.10	--	--	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	--	360	13	<0.50	<0.50	<1.0	--	--	--	--	--	73	--	--	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	--	50,000	740	830	2,200	20,000	--	--	--	--	--	120	--	--	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	--	530	7.80	<1.0	<1.0	2.40	--	--	--	--	--	320	--	--	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	--	350	12	6.3	2.5	32	--	--	--	--	--	3.2	--	--	--	--	--	--
			03/01/06	11.82	-11.82	-15.64	0	No	--	460	2.8	<0.50	<0.50	<1.0	--	--	--	--	--	43	--	--	--	--	--	--

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (feet)	GWE (feet)	GWE Change (feet)	SPH Thickness (feet)	Sheen	TPHd [1] (µg/L)	TPPH [2] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates 1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	EDB [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	MTBE [5] (µg/L)	TAME [4] (µg/L)	TBA [4] (µg/L)	PCE [4] (µg/L)	TCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)	Organic Lead [6] (mg/L)
MW-5 (Cont.)			08/02/06	15.04	-15.04	-3.22	0	No	--	370 l,m	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	9.4	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/04/2007																							
MW-6	13 - 19	19.07 ‡	01/26/07	14.79	4.28	--	0	No	--	67,000 n	380 n	8,600 n	3,600 n	17,000 n	--	--	--	--	--	62	--	--	<0.50	--	--	--
			08/28/07	16.75	-16.75	-21.03	0	No	--	67,000 n,s	520 n	6,300 n	4,600 n	25,000 n	--	--	--	--	--	100 n	--	--	<50 n,t	--	--	--
			02/01/08 r	10.80	-10.80	5.95	0	No	--	69,000 n	720 n	5,000 n	3,100 n	21,000 n	--	--	--	--	--	130 n	--	--	<50 n	--	--	--
		19.08 ‡‡	8/18/2008	16.87	2.21	-2.07	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-7	22 - 25	21.74 ‡	01/26/07	17.17	4.57	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	100 n	--	--	--
			08/28/07 u	19.19	-19.19	-23.76	0	No	--	<50 l,s	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	-- v	--	--	--
			02/01/08 r	12.64	-12.64	6.55	0	No	--	160 l	0.99	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	84 n	7.5	15	--
		21.74 ‡‡	8/18/2008	19.34	2.40	-2.17	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-8	17 - 30	18.42 ‡	01/26/07	14.09	4.33	--	0	No	--	<50 o	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	26	--	--	--
			08/28/07	15.98	-15.98	-20.31	0	No	--	<50 s	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	<0.50	--	--	15 t	--	--	--
			02/01/08 r	9.66	-9.66	6.32	0	No	--	59 l	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	29	1.5	0.70	--
			8/18/2008	16.11	2.31	-2.02	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-9	11.5 - 15	19.42 ‡	01/26/07	14.90	4.52	--	0	No	--	<50 o	<0.50	<0.50	<0.50	0.73	--	--	--	--	--	<0.50	--	--	10	--	--	--
			08/28/07	14.98	-14.98	-19.50	0	No	--	WELL WAS NOT SAMPLED - REPORTED AS DRY																
			2/1/2008 v	10.50	-10.50	4.48	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	10	0.88	0.85	--
			8/18/2008	DRY	--	--	0	No	--	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**																
MW-10	6-13.5	19.17 ‡‡	8/18/2008	DRY	--	--	0	No	--	**MONITORING WELL REPORTED DRY - NOT SAMPLED**																
MW-11	5-15	19.23 ‡‡	8/18/2008	14.71	4.52	--	0	No	--	**INSUFFICIENT AMOUNT OF WATER FOR SAMPLE COLLECTION**																
MW-12B	19-29	18.68 ‡‡	8/18/2008	16.99	1.69	--	0	No	--	290 l	<0.50	<0.50	0.70	1.9	<0.50	<0.50	<0.50	<0.50	<250	3.5 n	<0.50	<10	270	36	41 r	--
MW-13B	21-31	19.14 ‡‡	8/18/2008	16.92	2.22	--	0	No	--	300 l	3.0	0.98	<0.50	5.4	<0.50	<0.50	<0.50	<0.50	<250	13 n	<0.50	<10	280	33	32 r	--
MW-14B	18.8-28.8	18.47 ‡‡	8/18/2008	16.26	2.21	--	0	No	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	21	1.4	0.83 r	--
MW-15B	17-27	19.12 ‡‡	8/18/2008	17.32	1.80	--	0	No	--	61 l	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	60	2.5	1.9 r	--
Soil Borings																										
SP1	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--			--
SP2	--	--	02/14/96	10.5	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--			--
SP4	--	--	02/14/96	10.5	--	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--			--
SP-5	--	--	12/15/06	15.6	--	--	0	--	--	21,000 n	1,300 n	1,500 n	1,400 n	4,000 n	<10 n	<10 n	<10 n	<10 n	<5000 n	330 n	<10 n	<200 n	-- n			--
SP-6	--	--	12/15/06	15	--	--	0	--	--	38,000 n	<10 n	<10 n	570 n	660 n	<10 n	<10 n	<10 n	<10 n	<5000 n	<10 n	<10 n	<200 n	-- n			--
SP-7	--	--	12/15/06	32	--	--	0	--	--	<50 q	<0.50	<0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	90			--
SP-8	--	--	12/15/06	15.2	--	--	0	--	--	51,000 n	110 n	100 n	3,000 n	9,600 n	<10 n	<10 n	<10 n	<10 n	<5000 n,p	<10 n	<10 n	<200 n	-- n			--

Notes:

<	Denotes less than laboratory PQL	cis-1,2-DCE	Cis-1,2-dichloroethene	GW	Groundwater	PQL	Practical Quantitaion Limit	TCE	Trichloroethene
--	Not analyzed/applicable/measured	DIPE	Di-isopropyl ether	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TOC	Top of casing
mg/L	Milligrams per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether	TPHd	Total petroleum hydrocarbons as diesel
µg/L	Micrograms per liter	EPA	U.S. Environmental Protection Agency	PCE	Tetrachloroethene	TBA	Tertiary butyl alcohol	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether						

♦ The elevations have been surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
† The TOC elevations were re-surveyed by Morrow Surveying to the NAVD 88 Datum by GPS observations on 8/13/2005.
‡ The TOC elevations were surveyed by Morrow Surveying to the NAVD 88 Datum by GPS Observations on 1/18/2007.
‡‡ The TOC elevations were surveyed by MidCoast Engineers to the NAVD 88 Datum by GPS observations on 8/18/2008.

1 Analyzed by EPA Method 3510/3520/8015.
2 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
3 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4 Analyzed by EPA Method 8260B.
5 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
6 Analyzed by California LUFT Manual, 12/87.

a Chromatograph pattern: diesel and non-diesel mixture (<C16; >C22).
b The presence of MTBE was potentially identified at reportable levels.
c The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
d The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
e Chromatograph pattern: unidentified hydrocarbons C6-C12
f Chromatograph pattern: weathered gasoline: C6-C12
g Chromatograph pattern: discrete peaks C8-C12
h Chromatograph pattern: discrete peaks
i Sample was additionaly run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
j Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
k The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
l Chromatogram not typical of gasoline.
m TPPH was positive due to tetrachloroethane present in the sample.
n PQL's and MDL's were raised due to sample dilution.
o Tetrachloroethene was subtracted from the gasoline range TPH.
p The Continuing Calibration Verification (CCV) recovery was not within established control limits.
q The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.
r Sample also analyzed for trans-1,2-dichloroethene; non detect above 0.5 µg/L.
s PCE, TCE, and 1,2-DCE were subtracted from the gasoline range TPPH.
t Samples hold time was exceeded.
u Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007
v Not enough sample to re-run for PCE.

TABLE 3
HISTORICAL GROUNDWATER GRADIENT DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Monitoring Date	Groundwater Gradient (feet/feet)		Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
09/26/94	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/20/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/94	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12/12/94	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/24/95	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
04/07/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
05/31/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
06/24/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/25/95	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
09/08/95	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
12/08/95	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/08/96	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
05/29/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/27/96	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/18/96	0.004		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/20/97	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/27/97	0.03		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/26/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/25/97	0.002		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/98	0.01	♦	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/21/98	0.004 - 0.02		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/17/98	0.003	♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/19/98	0.004 - 0.03		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/15/99	0.002 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/13/99	0.004 - 0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/10/99	0.01		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/09/99	0.002 - 0.003	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/00	0.001 - 0.003		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
05/18/00	0.007 - 0.02	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/09/00	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11/08/00	0.004 - 0.05	♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02/14/01	0.005 - 0.01	♦♦♦	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
08/15/01	0.004 - 0.02	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/13/02	0.005 - 0.03	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
08/26/02	♦♦♦♦																	
02/18/03	0.005 - 0.03	♦♦♦	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
08/21/03	0.004 - 0.02	♦♦♦	NO GROUNDWATER FLOW DIRECTION GIVEN															
03/30/04	0.003	♦♦																
08/18/04	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/10/05	0.003		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/11/05	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/01/06	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/02/06	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/26/07	0.002		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/28/07	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/01/08	0.002		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/18/08	**0.003**		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		Sum																
Average =	0.006		0	0	6	0	21	9	8	0	0	0	0	0	0	0	0	0

Notes:

♦ Wells from Arco Station #0515 at 300 Delaware used in creating groundwater contours.

♦♦ Groundwater flow direction was variable.

♦♦♦ Wells from Arco Station #0515, at 300 Delaware Street, and Tosco Station #4178, at 615 Third Avenue, used in creating groundwater contours.

♦♦♦♦ Gradient and flow direction data missing from file copy of report.

TABLE 4
HISTORICAL SOIL VAPOR ANALYTICAL RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Date Sampled	Leak-Check Compund	TPPH [1]	BTEX [2]					Fuel Oxygenates [2]										Atmospheric Gases [3]		
		2-Propanol (µg/m³)	(µg/L)	Benzene (µg/m³)	Toluene (µg/m³)	Ethylbenzene (µg/m³)	m,p-Xylene (µg/m³)	o-Xylene (µg/m³)	1,2-DCA (µg/m³)	1,3-DCB (µg/m³)	1,4-DCB (µg/m³)	EDB (µg/m³)	ETBE (µg/m³)	Ethanol (µg/m³)	IPE (µg/m³)	MTBE (µg/m³)	TAME (µg/m³)	TBA (µg/m³)	Oxygen (%)	Methane (%)	Carbon Dioxide (%)
VP-1																					
	1/19/2007	<7.2	<0.15	<2.3	**16**	<3.2	**8.2**	<3.2	<3.0	<4.4	<4.4	<5.6	<12	<5.5	<12	<2.6	<12	<22	**22**	<0.00015	**0.46**
	2/1/2007	<6.6	<0.14	<2.1	**5.4**	<2.9	**6.3**	**3.5**	<2.7	<4.0	<4.0	<5.1	<11	<5.0	<11	<2.4	<11	<20	**21**	<0.00013	**0.52**
VP-2																					
	1/19/2007	<6.8	<0.14	<2.2	**3.4**	**3.2**	**3.5**	**13**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**22**	<0.00014	**0.63**
duplicate	1/19/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	<0.00014	**0.64**
	2/1/2007	<6.8	<0.14	<2.2	<2.6	<3.0	<3.0	**6.3**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**21**	<0.00014	**0.55**
VP-3																					
	1/19/2007	<7.3	**0.75**	<2.2	**13**	**14**	**42**	**29**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	**21**	<0.00015	**0.98**
duplicate	1/19/2007	<7.3	--	<2.4	**13**	**15**	**43**	**30**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	--	--	--
	2/1/2007	**12**	**0.27**	<2.2	**3.7**	**5.8**	**7.8**	**12**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**20**	<0.00014	**1.0**
duplicate	2/1/2007	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUBSLAB																					
	2/6/2007	**16**	<0.23	<3.6	<4.2	<4.8	<4.8	<4.8	<4.5	<6.7	<6.7	<8.6	<19	<8.4	<19	<4.0	<19	<34	**20**	<0.00022	**1.7**

Notes:

<	Denotes less than laboratory reporting limits	1,3-DCB	1,3-Dichlorobenzene	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether
%	Percent	1,4-DCB	1,4-Dichlorobenzene	ETBE	Ethyl tertiary butyl ether	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	1,2-DCA	1,2-Dichloroethane	IPE	Isopropyl ether	TBA	Tertiary butyl alcohol
µg/m³	Micrograms per cubic meter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether		

1 Analyzed by Modified EPA Method TO-3 GC/FID as TPH (total petroleum hydrocarbons - gasoline range)
2 Analyzed by Modified EPA Method TO-14A GC/MS Full Scan
3 Analyzed by ASTM D-1946

TABLE 5
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)
Monitoring Wells															
MW-10															
MW-10, 9'	9	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-10, 13'	13	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-11															
MW-11, 9.5'	9.5	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-11, 12'	12	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-11, 15'	15	8/8/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B															
MW-12B 12'	12	8/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B 16'	16	8/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B 18.5'	18.5	8/4/2008	**17** a	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B 19'	19	8/4/2008	**430** a	<0.50 a	<0.50 a	**3.4** a	**7.6** a	<0.50 a	<0.50 a	<0.50 a	<0.50 a	<100 a	<0.50 a	<0.50 a	<5.0 a
MW-12B 21.5'	21.5	8/4/2008	**12** a	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-12B, 23'	23	8/8/2008	**76** a	**0.0099** a, b	**0.011** a, b	**1.5** a	**3.1** a	<0.025 a	<0.025 a	<0.025 a	<0.025 a	<5.0 a	**0.0034** a, b	<0.025 a	<0.25 a
MW-12B,27'	27	8/8/2008	**2.2**	**0.0015** b	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-13B															
MW-13B 12'	12	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-13B 15'	15	8/6/2008	**3500** a	**2.9** a	**250** a	**85** a	**660** a	<1.2 a	<1.2 a	<1.2 a	<1.2 a	<250 a	<1.2 a	<1.2 a	<12 a
MW-13B 17.5'	17.5	8/6/2008	**2200** a	**1.2** a	**86** a	**38** a	**220** a	<1.2 a	<1.2 a	<1.2 a	<1.2 a	<250 a	<1.2 a	<1.2 a	<12 a
MW-13B 19'	19	8/6/2008	**620** a	<1.2 a	**12** a	**14** a	**73** a	<1.2 a	<1.2 a	<1.2 a	<1.2 a	<250 a	<1.2 a	<1.2 a	<12 a
MW-13B 20.5'	20.5	8/6/2008	**480** a	<0.50 a	**2.1** a	**11** a	**47** a	<0.50 a	<0.50 a	<0.50 a	<0.50 a	<100 a	<0.50 a	<0.50 a	<5.0 a
MW-13B, 24.5'	24.5	8/11/2008	**12** a	**0.040** a, b	**0.78** a	**0.38** a	**1.9** a	<0.050 a	<0.050 a	<0.050 a	<0.050 a	<10 a	**0.030** a, b	<0.050 a	<0.50 a
MW-13B, 27.5'	27.5	8/11/2008	**6.7** a	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** b	<0.0050	<0.050
MW-13B, 30.5'	30.5	8/11/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**
MW-14B															
MW-14B, 12'	12	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 15'	15	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 18'	18	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B,21'	21	8/7/2008	**0.12** b	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 25'	25	8/7/2008	**0.14** b	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-14B, 28.5'	28.5	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B															
MW-15B 13'	13	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B 15'	15	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B 17.5'	17.5	8/6/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050
MW-15B 28'	28	8/7/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050

TABLE 5
CURRENT SOIL ANALYTICAL DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	Sample Depth (feet bgs)	Date Sampled	TPPH [1] (mg/kg)	BTEX [1]				Fuel Oxygenates [1]							
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	ETBE	Ethyl tertiary butyl ether	TAME	Tert-amyl methyl ether
bgs	below ground surface	EDB	Ethylene dibromide	MTBE	Methyl tertiary butyl ether	TBA	Tertiary butyl alcohol
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	PQL	Practical Quantitaion Limit	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane						

1 Analyzed by EPA Method 8260.

a PQL's were raised due to sample dilution
b Estimated Value (CLP Flag)

TABLE 6
CURRENT GROUNDWATER ANALYTICAL AND MONITORING DATA

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Sample ID	As - Built Screen Interval (feet, below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW [2] (feet)	GWE (feet)	SPH Thickness (feet)	Sheen	TPPH [3] (µg/L)	BTEX [3] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Fuel Oxygenates [3] 1,2-DCA (µg/L)	DIPE (µg/L)	EDB (µg/L)	ETBE (µg/L)	Ethanol (µg/L)	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	TCE [3] (µg/L)	PCE [3] (µg/L)	cis-1,2-DCE [3] (µg/L)
Monitoring Wells																							
MW-4 [1]	7 - 27	19.01	8/18/2008	16.96	2.05	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-6 [1]	13 - 19	19.08	8/18/2008	16.87	2.21	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-7 [1]	22 - 25	21.74	8/18/2008	19.34	2.40	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-8	17 - 30	18.42	8/18/2008	16.11	2.31	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-9	11.5 - 15	19.42	8/18/2008	DRY	--	0	No	**MONITORING WELL NOT SAMPLED - GAUGED ONLY**															
MW-10 [1]	6-13.5	19.17	8/18/2008	DRY	--	0	No	**MONITORING WELL REPORTED DRY - NOT SAMPLED**															
MW-11 [1]	5-15	19.23	8/18/2008	14.71	4.52	0	No	**INSUFFICIENT AMOUNT OF WATER FOR SAMPLE COLLECTION**															
MW-12B [1]	19-29	18.68	8/18/2008	16.99	1.69	0	No	**290** b	<0.50	<0.50	**0.70**	**1.9**	<0.50	<0.50	<0.50	<0.50	<250	**3.5** a	<0.50	<10	**36**	**270** a	**41** c
MW-13B [1]	21-31	19.14	8/18/2008	16.92	2.22	0	No	**300** b	**3.0**	**0.98**	<0.50	5.4	<0.50	<0.50	<0.50	<0.50	<250	**13** a	<0.50	<10	**33**	**280** a	**32** c
MW-14B [1]	18.8-28.8	18.47	8/18/2008	16.26	2.21	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**1.4**	**21**	**0.83** c
MW-15B [1]	17-27	19.12	8/18/2008	17.32	1.80	0	No	**61** b	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<250	<0.50	<0.50	<10	**2.5**	**60**	**1.9** c
QCTB	--	--	8/18/2008	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50	--	--	--	--	--

Notes:

<	Denotes less than laboratory PQL	cis-1,2-DCE	Cis-1,2 Dichloroethene	ETBE	Ethyl tertiary butyl ether	PCE	Tetrachloroethene	TCE	Trichloroethene
--	Not analyzed / applicable / measured	DIPE	Di-isopropyl ether	GW	Groundwater	PQL	Practical Quantitaion Limit	TBA	Tertiary butyl alcohol
µg/L	micrograms per liter	EDB	Ethylene dibromide or 1,2-Dibromoethane	GWE	Groundwater Elevation	SPH	Separate phase hydrocarbons	TOC	Top of casing
bgs	Below ground surface	EPA	Environmental Protection Agency	MTBE	Methyl tertiary butyl ether	TAME	Tert-amyl methyl ether	TPPH	Total purgeable petroleum hydrocarbons
1,2-DCA	1,2-Dichloroethane								

1 TOC elevations were surveyed by MidCoast Engineers to the NAVD 88 Datum by GPS observations on 8/18/2008.
2 Depth was recorded from below the TOC for monitoring wells.
3 Analyzed by EPA Method 8260.

a PQL's were raised due to sample dilution.
b Chromatogram not typical of gasoline.
c Sample also analyzed for trans-1,2-dichloroethene; non detect above 0.50 µg/L.

TABLE 7
SENSITIVE RECEPTOR SURVEY RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Parcel Number		Property Use	Multi-Unit	Property Owner	Property Tenant (*If Different*)	Property Address	Phone Number	First Questionnaire Returned?	Second Questionnaire Returned?	Well?	Basement?	Sump?
033-164-160		Residential	Yes	San Mateo West Lp	Wesley Jan	338 430 Fremont Street	(650) 347-1886	No	Yes	No	No[3]	Unknown
033-167-040				Harry J & H W Kiyomura Trusts		711 E 5th Ave		No	No	--	--	--
033-167-050	**a**			Dori Takeshita Chan et al		705 5th Ave		No	No	--[4]	--	--
033-167-060		Residential		Jerry E Davis		421 South El Dorado Street	(650) 619-9932	Yes	--	No	**Yes[11]**	No
033-167-100				Richard T Hua		712 E 4th Ave	(650) 579-2790	Yes	--	No	**Yes[10]**	**Yes[7]**
033-167-140		Not Given		Ebrahim Kaabipour Trust	*Dong Shin*	706 4th Ave	owner 408-455-3136 tenant (650) 455-3136	Yes	--	No	No	No
033-281-010		Commercial		San Mateo Lumber		405 E 5th Ave	(650) 342-6400	No	Yes	No	No	No
033-281-140		Commercial		City of San Mateo	*Pending*	0 E 5Th Ave		Yes	--	No	No	No
033-282-020				Paul T Sinipata		512 So Delaware Street		No	No	--	--	--
033-282-030		Residential		Leno Freschet Trust et al		514 Delaware Street	(650)345-6990	Yes	--	No	**Yes[11]**	No
033-282-040		Not Given		Ida Ford (Deceased)		518 Delaware Street	Not Given	Yes	--	No	No	No
033-282-050	**a**	Not Given		Ronald G & Rhonda L Baker		522 Delaware Street		Yes	--	--[2]	--	--
033-282-060		Residential	No	Zhuo Yan & Xue Kai L Chen		600 S Delaware Street	(650) 343-2928	No	Yes	No	No	No
033-282-070	**a**			South Delaware Associates		604 Delaware Street		No	No	--[4]	--	--
033-282-080	**a**			South Delaware Associates		606 Delaware Street		No	No	--[4]	--	--
033-282-090				Lorraine J Checchini		610 Delaware Street		No	No	--	--	--
033-282-380		Commercial		San Mateo Lumber		501 S Claremont Street	(650) 342-6400	No	Yes	No	No	No
033-282-460				Servando Guzman		504 S Delaware Street		No	No	--	--	--
033-282-470				Ajeshwani Narayan Din et al		500 Delaware Street		No	No	--	--	--
033-283-010				Plutarco E Castro		501 S Delaware Street		No	No	--	--	--
033-283-020		Residential	No	James D & Teresa J Brey		604 E 5th Ave	650-343-2344	Yes	--	No	**Yes[10]**	No
033-283-030		Residential		Pearl Rango Trust		610 E 5th Ave	(650) 344-0806	No	Yes	No	**Yes[10]**	No
033-283-040		Residential		Arthur P & Ruth M Tresser Trusts		614 E 5th Ave	(805) 534-1279 (Cary Woll)	No	Yes	No	**Yes[10]**	No
033-283-050				Michael A Calegari		616 5th Ave		No	No	--	--	--
033-283-060		Residential	No	Mary Louise Perego		622 E 5th Ave	(650) 921-5763	Yes	--	No	**Yes[11]**	No
033-283-070				Enrique Be Palma III		514 So El Dorado Street		No	No	--	--	--
033-283-080		Residential		Lisa Krekorian		518 S El Dorado Street	(650) 200-9402	Yes	--	No	**Yes[10]**	No
033-283-090		Residential	Duplex	Michael & P K Pneumatikos Trusts		520 El Dorado Street	(408) 253-5907	Yes	--	No	Yes[1]	No
033-283-100		Residential	Yes	Randy Nasrah		524 El Dorado Street	(415)250-0642	Yes	--	No	No	No
033-283-220				Librado Fernandez		609 Delaware Street		No	No	--	--	--
033-283-230		Residential		Sonny Wu Trust		605 S Delaware Street	(530) 579-5573	Yes	--	No	No	No
033-283-240				Alois J & Irene M Stock Trusts		603 Delaware Street		No	No	--	--	--
033-283-250				Darren H Monteverde		525 So Delaware Street		No	No	--	--	--

TABLE 7
SENSITIVE RECEPTOR SURVEY RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Parcel Number	Property Use	Multi-Unit	Property Owner	Property Tenant (*If Different*)	Property Address	Phone Number	First Questionnaire Returned?	Second Questionnaire Returned?	Well?	Basement?	Sump?
033-283-260			Meng Chi & Fung May Chan Lam		521 S Delaware Street		No	No	--	--	--
033-283-270			Feng Erh Lin Trust		517 S Delaware Street		No	No	--	--	--
033-283-280			Charles Frank Litini		511 S Delaware Street		No	No	--	--	--
033-283-290	Residential	Yes	Claude & Mena Fadelli Trusts		602 El Dorado Street	(650) 345-2553	Yes	--	No	No	No
033-291-010			Fredy H Ramirez		501 El Dorado Street		No	No	--	--	--
033-291-020	Residential		Derek T Daly		704 E 5th Ave	650-401-6839	Yes	--	No	**Yes**[8,10]	No
033-291-030	Residential		Dante Angelo Figone	Susan Heis and Deborah Misicka	708 5th Ave	(650) 961-3826 owner (650)344-9847 tenant	Yes	--	No	No	No
033-291-040			John J Elliot		712 E 5th Ave		No	No	--	--	--
033-291-270			Manni Wong		515 El Dorado Street		No	No	--	--	--
033-291-280	Residential	Duplex	Thomas Allen Mueller Trust		511 -513 El Dorado Street	(510) 339-7421	Yes	--	No	No	No
034-179-040	Commercial		Moor Talbot Partners Lp	Talbots Toyland	445 S B Street	(650) 931-8100	No	Yes	No	No	No
034-181-160			Fred Strebel Trust		435 3rd Ave		No	No	--	--	--
034-182-010	Commercial		Victor & Mary E Peccolo Trusts	Sonny Wu	420 428 3rd Ave		Yes	--	No	No	No
034-182-020	Commercial		James K Ouye		304 Claremont Street	(858) 755-2397	Yes	--	No	No	No
034-182-030			Tema Properties Lp		310 Claremont Street		No	No	--	--	--
034-182-040	**a**		Tema Properties Lp		314 Claremont Street		No	No	--[4]	--	--
034-182-050	Commercial		Dan F Cesena	*Honda Hospitak, Inc.*	330 S Claremont Street	(650) 342-8480	No	Yes	No	No	No
034-182-060	**a**		Mariko Endo Trust		405 5th Ave		No	No	--[5]	--	--
034-182-100	Commercial		Max W & L G Antoniazzi Trust		412 E 3rd Ave	(650) 343-0758	Yes	--	No	No	No
034-182-110			Max W & L G Antoniazzi Trust		416 E 3rd Ave		No	No	--	--	--
034-182-150			Leon W Harman Trust		402 3rd Ave		No	No	--	--	--
034-183-060	Commercial		Redevelopment Agency of The City of San Mateo-Sandy Russel		480 4th Ave Unit A+B	(650) 522-7240	Yes	--	Unknown	Unknown	Unknown
034-184-050	Commercial		Kenge Takahashi Trust	Kenge Takahashi	221 Claremont Street	650-343-0394	No	Yes	No	No	No
034-184-090	**a**		Charlotte B Frances Trust		555 3rd Ave		No	No	--[6]	--	--
034-185-030	Residential		Jeanette B Robinson	Various people occupy residence	312 Delaware Street	(650) 349-1906	Yes	--	No	No	No
034-185-040			Amir Shahmirza		318 S Delaware Stret		No	No	--	--	--
034-185-050	Residential	Yes	Jeanette B. Robinson	Various people occupy residence	320 Delaware Street	(650) 349-1906	Yes	--	No	**Yes**[10]	**Yes**[9]
034-185-110	Commercial		Tema Properties Lp	Ray (received phone call)	307 Claremont Street	650-245-2287	--	--	No	No	No
034-185-120			Fong Hom Lee et al		500 3rd Ave		No	No	--	--	--
034-185-140			California Antique		373 S Claremont Street		No	No	--	--	--
034-185-150	Commercial	Yes	Neria B Canonizado Trust		509 4th Ave	(650) 867-0549	Yes	--	No	No	No
034-185-160			Masterson Properties Llc		300 Delaware Street		No	No	--	--	--
034-185-170	Commercial		Morey Gross Trust	Vacant	525 4th Ave	650-365-4646	No	Yes	No	No	No

TABLE 7
SENSITIVE RECEPTOR SURVEY RESULTS

76 Service Station #6390
402 South Delaware Street
San Mateo, California

Parcel Number	Property Use	Multi-Unit	Property Owner	Property Tenant (*If Different*)	Property Address	Phone Number	First Questionnaire Returned?	Second Questionnaire Returned?	Well?	Basement?	Sump?
034-185-190	Not Given		Greensprings Fellowship Trust		311 Claremont Street		Yes	No	Property Sold 4/18/07		
034-185-200	Not Given		Greensprings Fellowship Trust		315 Claremont Street		Yes	No	Property Sold 3/27/07		
034-186-060	a		San Mateo Japanese American Comm		415 So Claremont Street		No	No	--	--	--
034-186-070	a		Marlene Nabong		411 Claremont Street		No	No	--	--	--
034-186-080			Geroge G & Ethel Woong Trusts		500 4th Ave		No	No	--	--	--
034-186-090	Commercial		Legal Aid Society of San Mateo County		521 E 5th Ave	(650) 558-0915	Yes	--	No	No	No
034-186-110	Commercial		Lucile Benedetti Trust (Lessor)	Tad's 76	**402 S Delaware Street**	(650) 584-3127	No	Yes	No	No	No
034-187-050			Third Ave. Llc		615 3rd Ave		No	No	--	--	--
034-187-130			Equilon Enterprises Llc		611 3rd Ave		No	No	--	--	--
034-188-140	Commercial		Gateway Crossing Inc	Dion Heffran	600 3rd Ave	(650) 867-4499	Yes	--	No	No	No
034-188-150			Robert W Matlack Trust		316 Delaware Street		No	No	--	--	--
034-188-160	Comercial		Andy Saberi		609 4th Ave	(650) 588-3088	Yes	--	No	No	No
034-189-010			Norma T Marchesin Trust		407 Delaware Street		No	No	--	--	--
034-189-040			Francisco Franco Argueta		416 S El Dorado Street		No	No	--	--	--
034-189-050	Residential	Yes	Julia J Tom	George Hernandex	422 El Dorado Street	Owner (415) 627-8922 Tenant(925)640-4665	No	Yes	No	Yes[1]	No
034-189-080			602 Fourth Avenue Llc		602 E 4th Ave		No	No	--	--	--
034-189-100	Commercial	Yes	Mark A Scafine Trust		603 5th Ave	(650) 342-3030	Yes	--	No	No	No
108-950-010	Commercial		Bernard L Edwards		413 S El Dorado Street	(650) 340-7214	Yes	--	No	No	No
108-950-020	Commercial		William R Krone		417 S El Dorado Street	(650) 343-8899	Yes	--	No	No	No
108-950-030	Commercial		Bernard L Edwards		415 S El Dorado Street #3	650-340-7214	Yes	--	No	No	No
108-950-040			Robert Edward Ross		419 El Dorado Street		No	No	--	--	--

a	Mail courier was unable to deliver
1	Property owner indicated that basement was a crawl space.
2	Property was sold. Contacted County, but no new property owner information was found.
3	Below ground level garage.
4	Delivery attempted; questionnaire returned unopened.
5	No Such Number
6	Not deliverable as addressed
7	Property owner contacted, not sure if sump pumps groundwater or surface water.
8	Property owner contacted, partial basement
9	Property owner contacted, basement contains a sump that pumps surface water.
10	Existence of basement verified by owner.
11	Existence of basement not verified by owner, phone message not returned.

0

APPENDIX A
SMCHD-GPP Correspondence and Permits

HEALTH DEPARTMENT

January 30, 2008

SMCo Site #110069
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for the February 28, 2007, assessment report and the unsolicited July 9, 2007, work plan prepared by SECOR International Incorporated. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of this work plan and the project file.

Assessment Report

The site history section is very informative. However, our records indicate the capacity of the waste oil UST removed in 1992 was 550 gallons, the sample from MW-4 at 15 feet below grade (fbg) contained 600 mg/kg TPH-gas, and California Department of Water Resources (DWR) well records were reviewed in June 1996 for the presence of water supply wells within 0.25 mile of the subject site. Please consider this information in preparing the background section of future reports.

The tables are very useful. However, Table 1 lists an incorrect tetrachloroethene (PCE) concentration for Footnote A (should be 0.0064 mg/kg) and the sample name listed for A2 and B2 does not match what is shown on report figures. Table 2 identifies Boring SP4 as SP-3 and does not indicate the proper sample name of SP1 and SP2 (no dash was used by the sampling consultant). In addition, Tables 1 and 4 incorrectly identify Borings SP-6 through SP-8 as SB-6 through SB-8. Please ensure future tables listing this information address these observations.

GPP staff could not establish the groundwater sampling depth for Borings SP-5 through SP-8. Sections 3.8 of the report and the field procedures in Appendix B indicate a hydropunch sampler was emplaced across to the "desired" sampling depth. However, this sampling depth was not identified. Sections 3.4 of the report and the boring logs in Appendix C do not indicate the depth interval occupied by the hydropunch (the logs indicate the total depth of Borings SP-5 through SP-8 was between 28 and 34 fbg and groundwater equilibrated in these borings at approximately 15 fbg). Hence, GPP staff cannot establish whether the groundwater samples from these borings were collected from a discrete interval (which was not identified) or represent a mixture of groundwater between approximately 15 fbg and 34 fbg. Therefore, please upload to the State GeoTracker database by **March 25, 2008**, a letter clarifying the groundwater sample collection depth in Borings SP-5 through SP-8.

RECEIVED
FEB 4 2008
By

The depth to the top of the screened interval in MW-7 and MW-8 is less than the depth to groundwater. Although this construction inhibits assessment of first groundwater, it does not appear first groundwater is significantly impacted in these areas based on the laboratory results from the analysis of soil samples collected from the well boring.

The laboratory results from the analysis of subsurface vapor samples suggests hydrocarbon-affected soil and groundwater do not pose a significant indoor air inhalation risk to site occupants. However, the report indicates these samples were collected within 3 days of the area receiving 0.16 inch of precipitation. GPP staff will accept these results because this precipitation amount was below the threshold listed in the soil gas advisory document prepared by the Department of Toxic Substances Control and Los Angeles RWQCB, as argued by SECOR. However, these agencies are currently revising this document which may affect the use of these results.

The historical laboratory results from the analysis of soil samples indicate hydrocarbon-affected soil in the unsaturated zone is not a concern at this site. A comparison of the laboratory results from the analysis of soil samples collected from MW-2 and MW-6 also indicates potential degradation of residual hydrocarbons in saturated zone soils adjacent to the northeast side of the fuel UST cavity.

The report concludes with recommendations to further assess the extent of dissolved-phase hydrocarbons. Our comments on these recommendations are discussed in the following section because they were incorporated into the work plan.

Work Plan

The work plan proposes to remove the subslab vapor sampling probe, destroy the vapor sampling wells, and install seven groundwater monitoring wells to assess the lateral and vertical extent of dissolved-phase fuel hydrocarbons and PCE. GPP staff approve the destruction of the subslab probe and vapor wells and the installation of proposed wells MW-10, MW-11, and MW-13B with the following conditions:

- Evaluate whether the vapor sampling points should be destroyed at this time because they may be needed for future vapor sampling (e.g. change to DTSC soil gas advisory) or remedial testing/monitoring (the Cleanup Fund may not reimburse the cost to reinstall these points if the existing points can be used for other environmental purposes);

- Ensure wells MW-10 and MW-11 are screened across the water table to a sufficient depth to provide useful assessment data without cross-connecting permeable strata to a detrimental degree (constructing these wells like MW-9 may not yield useful data);

- Additionally analyze soil samples collected >20 fbg from MW-13B to assess the vertical extent of the smear zone not assessed by the sampling of MW-6;

- Evaluate using the results of the DWR water supply research performed in June 1996 for the proposed receptor survey;

- Additionally identify the type and location of identified receptors on the figure(s) prepared for the sensitive receptor survey; and

- Submit to the State GeoTracker database by **September 10, 2008**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation

The portion of the work plan proposing to research the source of the PCE and install Monitoring Wells MW-12B and MW-14B through MW-16B does not appear justified. Our reasons for this conclusion are provided in the following paragraphs.

Researching the source of the PCE in groundwater does not appear necessary because it does not appear the subject site was the source of the PCE. This conclusion is based on the PCE concentration in soil sample WO1 (below Environmental Screening Level) and the distribution of PCE in groundwater (does not agree with the distribution of fuel hydrocarbons).

It does not appear proposed monitoring wells MW-12B and MW-14B are necessary. MW-12B does not appear warranted based on the laboratory results from the analysis of groundwater samples from deeper screened MW-1 when depth to groundwater was below the silty gravel layer logged in MW-9. MW-14B does not appear necessary based on the laboratory results from the analysis of soil and groundwater samples from MW-8, length of screened interval in MW-8, and location of MW-8 relative to the source area (fuel UST cavity) and pattern of contamination. However, GPP staff could support collecting depth discrete groundwater samples near SP4 because SP4 was only drilled to 13 fbg (less than the depth of soil impacts identified in the saturated zone of SP-5 and MW-4 and MW-5).

GPP staff cannot support the installation of proposed wells MW-15B and MW-16B until the depth of the groundwater impact near Borings GP-5 through GP-8 is identified and the postulated uniqueness of the shallow and slightly deeper water bearing zones has been demonstrated (i.e. establishing whether the 1.5-foot-thick silt/clay layer logged below 15 fbg in SP-5, SP-6, and SP-8 effectively separates communication between the sands and gravels logged on each side of this stratum). Please discuss in the letter due by March 25, 2008, whether screening a well across this silt/clay layer will negatively impact the quality of groundwater monitoring data or the aquifer, and either support the proposed work or justify alternatives. Please note, if the depth of hydrocarbon-affected groundwater in SP-8 can be identified and is

significantly below the water table, then GPP staff could support installing up to two monitoring wells near SP-8 (one to assess the depth of identified impact and the other to assess groundwater near the water table [appears affected based on laboratory results of soil samples from 19.5 fbg]). However, if the depth of groundwater impact in GP-5 through GP-8 cannot be established, then GPP staff could only support installing one monitoring well near SP-8 to assess groundwater in the uppermost saturated zone and the drilling of borings near SP-8 and MW-11 to determine the vertical extent of dissolved-phase hydrocarbons below the water table (an objective of the previous work).

Please note, ConocoPhillips can implement the proposed work not considered necessary by GPP staff because it does not appear to pose a risk to public safety. However, GPP staff cannot recommend the UST Cleanup Fund reimburse the cost of this work without justification.

GeoTracker Compliance

GPP staff had to deny GeoMap Confirmation 4861744761 for the reasons discussed in the denial. Please upload a correct version of this file within **45 days**. It appears all other required GeoTracker files have been uploaded.

Please call me at (650) 363-4972 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Diane Barclay, SECOR, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

HEALTH DEPARTMENT

July 28, 2008

SMCo Site #110069
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for the March 25, 2008, revised work plan prepared by SECOR International Incorporated (Stantec). The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of this work plan and the project file.

Revised Work Plan

The revised work plan modifies the work plan dated July 9, 2007, which was conditionally approved in our letter dated January 30, 2008. ConocoPhillips may proceed with the proposed work incorporating the applicable conditions of approval in our letter dated January 30, 2008. However, GPP staff do not consider proposed MW-12B necessary because very low levels of hydrocarbons were reported in groundwater samples collected from former MW-1 when depth to groundwater was below the silty gravel layer logged in MW-9 and proposed MW-14B though MW-16B should be sufficient to evaluate vertical component to groundwater flow and groundwater gradient in the deeper portion of the saturated zone. Therefore, we cannot recommend the UST Cleanup Fund reimburse the cost of MW-12B without justification.

MW-16B is proposed approximately 40 feet northeast of Boring SP-8. Please consider installing this well adjacent to SP-8 to confirm the unexpected TPH-gas concentration reported in the groundwater sample collected from SP-8 and to monitor plume stability if this concentration is confirmed. Please also note, using proposed MW-13B for groundwater gradient calculation may be problematic if groundwater is leaking from permeable backfill in the UST cavity.

Groundwater Sample Depth in Borings SP-5 through SP-8

Stantec observed first encountered groundwater in Borings SP-5 through SP-8 between 20 and 32 feet below grade (fbg). GPP staff agree the first readily available groundwater was encountered in the coarser-grained units corresponding to these observations. However, this does not preclude the presence and movement of water (and potentially contaminants) within the finer-grained confining units, especially considering the time-frame of this release. Groundwater flow within the confining units is supported by the following observations: 1) the presence of groundwater in MW-9 (15-foot-deep well); 2) the groundwater elevation in MW-9 aligns with

the groundwater elevation contours calculated using the other wells (refer to groundwater gradient map in First Quarter 2008 monitoring report); and 3) hydrocarbon-affected soil was reported at 15 fbg in MW-4 located approximately 90 feet from the product storage and dispensing facilities (i.e. hydrocarbons likely from impacted groundwater). Hence, the groundwater grab samples collected from SB-5 through SB-8 likely reflect the chemistry of the more permeable strata below the potentiometric surface because these units can transmit water more freely to the borehole. Nevertheless, GPP staff will not require ConocoPhillips to re-drill borings near SP-5 through SP-8 for the collection of shallower groundwater samples because the location of proposed MW-10 is near SP-5, MW-9 assesses shallow groundwater near SP-6, and the laboratory results from the analysis of soil samples collected from SP-5 through SP-8 between 7 and 15 fbg were below acceptable reporting limits.

Please keep in mind the objective of proposed MW-10 and MW-11 is to assess first groundwater. The gauging data from MW-9 indicate depth to first groundwater is <20 fbg and a comparison of the dissolved-phase hydrocarbon concentrations from MW-2 and MW-6 indicates first groundwater near the site is impacted to a greater extent than deeper groundwater. Confined conditions do not preclude the presence of groundwater in the aquitard.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

Gregory J. Smith, P.G.
Supervisor
Water Protection Programs

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Diane Barclay, Stantec, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 08- 1549

P/E: **2010 MONITORING WELLS - INSTALLATION/DESTRUCTION**

FACILITY:
402 S DELAWARE STREET, SAN MATEO

OWNER:
CONOCO PHILLIPS
76 BROADWAY
SACRAMENTO

WP0007068
034186110
AMOUNT PAID: 528.00

CONTRACTOR:
WDC

TERMS & CONDITIONS:

MONITORING WELL INSTALL/ DESTRUCT (2)
CONSULTANT: STANTEC CONSULTING CORP.
(LAURA SANCHEZ)
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 7/30/2008

EXPIRATION DATE: 11/30/2008

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

CC-1212

$ PAID 528.00

2008 SUBSURFACE DRILLING PERMIT APPLICATION
ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
2000 ALAMEDA DE LAS PULGAS, SAN MATEO CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☒ GROUNDWATER MONITORING WELL INSTALLATION/DESTRUCTION ☐ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ PERMIT EXTENSION OF PERMIT #MW_____
NO. OF WELLS 2 NO. OF BORINGS_____ WELL/BORING NAMES MW-12B, MW-13B

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☐ COUNTY GROUNDWATER PROTECTION PROGRAM ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

Site Name 76 Service Station # 6395 Assessor's Parcel # 034-184-110 (one per permit)
Drilling Location Address 402 S. Delaware Street City San Mateo
To be Constructed in: ☐ Public Property ☒ Private Property ☐ Refuse ☐ Other_____
Maximum Proposed Depth Wells/Borings 30-35' (feet) Drilling Method Hollowstem Auger
Boring Diameter 8-10" Casing Diameter 2" Screen Interval 10-20
Development Method Surge & Purge (additional 72 hour staff notification required)
Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT NAME SHOULD MATCH SIGNATURE)

Name ConocoPhillips Contact Person Shelby Letnop
Address 76 Broadway City, State, ZIP Sac CA 95818
Telephone (916) 558-7609 Email Shelby.S.Letnop@conocophillips.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature [signature] **Date** 7/21/08

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

Name Lucile L. Benedetti Trustee Contact Person_____
Address 585 Laurel Ave Apt. 425 City, State, ZIP San Mateo CA 94401
Telephone (650) 340-8995 Email_____

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)*

Property Owner's Signature Lucile L. Benedetti **Date** 7/10/08

Drilling Company: WDC Contact Person Chris Tatum
Address: 1961 Mercer Ave. C57 Drillers License # 783216
City, State, ZIP Richmond CA 94804 Telephone/Email (510) 236-6282

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature [signature] **Date** 7/14/08

Consultant Company: Stantec Consulting Corp. Project Manager Laura Sanchez
Address: 3017 Kilgore Road Telephone (916) 384-0759
City, State, ZIP Rancho Cordova CA 95670 Email Laura.Sanchez@Stantec.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Name (Please print legibly) Diane Barclay
Responsible Professional's Signature [signature] **Date** 7/21/08
California Professional Geologist (PG) No. 4569 **or Civil Engineer No.**_____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees
Revised every January 1 (move revised)

 2008 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling date and time **must** be scheduled with County staff at least three (3) working days in advance of field work. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived wastes are the responsibility of the consultant unless stated otherwise contractually.

E. In addition to the County copy of the State DWR Form 188, boring logs and well construction details for all borings/wells, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in construction procedure, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County.

G. Permit is valid for one mobilization only and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 90 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, in a timely manner, may result in additional hourly charges to be invoiced to the consultant by GPP Staff.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to County GPP guidelines, Regional Water Quality Control Board guidelines, and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS:_____

Approved:_____ (RO/SD# 534) Date: 7.23.08

Revised every January 1 (most revised)

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 08- 1550

P/E: **2010 MONITORING WELLS - INSTALLATION/DESTRUCTION**

FACILITY:
402 S DELAWARE STREET, SAN MATEO

OWNER:
CONOCO PHILLIPS
76 BROADWAY
SACRAMENTO

WP0007069
NO APN LISTED
AMOUNT PAID: 528.00

CONTRACTOR:
WDC

TERMS & CONDITIONS:

MONITORING WELL INSTALL/ DESTRUCT (5)
CONSULTANT: STANTEC CONSULTING CORP.
(LAURA SANCHEZ)
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 7/30/2008

EXPIRATION DATE: 11/30/2008

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

CK= 5461

PAID
528.00

2008 SUBSURFACE DRILLING PERMIT APPLICATION
ENVIRONMENTAL HEALTH SERVICES DIVISION

SAN MATEO COUNTY HEALTH DEPARTMENT
2000 ALAMEDA DE LAS PULGAS, SAN MATEO CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

ALLOW FIVE (5) WORKING DAYS FOR PROCESSING PERMIT

DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST THREE (3) WORKING DAYS IN ADVANCE

PURPOSE OF APPLICATION: ☒ GROUNDWATER MONITORING WELL INSTALLATION/DESTRUCTION ☐ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ PERMIT EXTENSION OF PERMIT #MW
NO. OF WELLS 5 NO. OF BORINGS WELL/BORING NAMES MW-4B, MW-10, MW-11, MW-15B, MW-16B

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☐ COUNTY GROUNDWATER PROTECTION PROGRAM ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

Site Name Le Seaview Station #7630 Assessor's Parcel # City Right-of-Way (one per permit)
Drilling Location Address 402 S. Delaware Street City San Mateo
To be Constructed in: ☒ Public Property ☐ Private Property ☐ Refuse ☐ Other
Maximum Proposed Depth Wells/Borings 30-35' (feet) Drilling Method Hollow Stem Auger
Boring Diameter 8-10" Casing Diameter 2" Screen Interval 10'-30'
Development Method Swab & Purge (additional 72 hour staff notification required)
Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT NAME SHOULD MATCH SIGNATURE)
Name Conoco Phillips Contact Person Shelby Lathrop
Address 76 Broadway City, State, ZIP Sac CA 95818
Telephone (916) 558-7629 Email Shelby.S.Lathrop@conocophillips.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. (*Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.*)
Well/Boring Owner's/Contact Person's Signature [signature] Date 7/2/08

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)
Name City of San Mateo Contact Person
Address See attached letter City, State, ZIP
Telephone Email
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (*Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.*)
Property Owner's Signature See attached. Date

Drilling Company: WDC Contact Person Chris Tatum
Address: 1961 Mecker Ave C57 Drillers License # 728321a
City, State, ZIP Richmond CA 94804 Telephone/Email (510) 232-6282
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature [signature] Date 7/9/08

Consultant Company: Stantec Consulting Corp Project Manager Laura Sanchez
Address: 3017 Kilgore Road Telephone (916) 384-0789
City, State, ZIP Rancho Cordova CA 95670 Email laura.sanchez@stantec.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "O and P" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (*Responsible Professional must be a California Professional Geologist or Civil Engineer.*)
Responsible Professional's Name (Please print legibly) Diane Barclay
Responsible Professional's Signature [signature] Date 7/2/08
California Professional Geologist (PG) No. 4369 or Civil Engineer No.

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2008 SUBSURFACE DRILLING PERMIT APPLICATION

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SPECIAL CONDITIONS:_____

Approved:_____ (RO/SD# 534) Date: 7.23.08

Revised every January 1 (move revised)

CITY OF SAN MATEO
PUBLIC WORKS DEPARTMENT
330 West 20th Avenue
San Mateo, CA 94403
650 522-7300 office
650 522-7301 fax

ENCROACHMENT PERMIT RIDER

Original Permit #:	4819
Site Address:	402 S. Delaware St.
Rider #:	1
Insurance Reviewed By:	JD
Limit OK?	yes
Date Expires:	5/1/09

TO: Stantec Consulting Corp **DATE:** 7/23/08
3017 Kilgore Rd, Ste 100
Rancho Cordova, CA 95670, Permittee

In compliance with (☑ your ☐ our) request, the City of San Mateo, Public Works Department is hereby amending the above-referenced encroachment permit as follows:

Same conditions as original permit.
Authorizes installing additional 5 monitoring wells, 1 on E. 5th Ave, 4 on S Delaware St. per attached site map. No wells allowed to be installed in sidewalk area must be installed past lip of gutter pan in street area in ac.

Permit Expiration Date extended to: ☑ 4/1/09
☐ No Change

Traffic control per CalTrans standards. Refund upon submittal of test results and abandonment of all wells in right-of-way.

Except as amended, all other terms and provisions of the original permit shall remain in effect.

Approved: Gary Heap, P.E., Senior Civil Engineer	
By: JDulik	Date: 7/23/08

cc: Construction Manager
Construction Inspector
Permit file

TRAFFIC CONTROL PLAN - SOUTH DELAWARE ST & E. 5TH AVE
EAST FIFTH ST TO EAST FOURTH ST

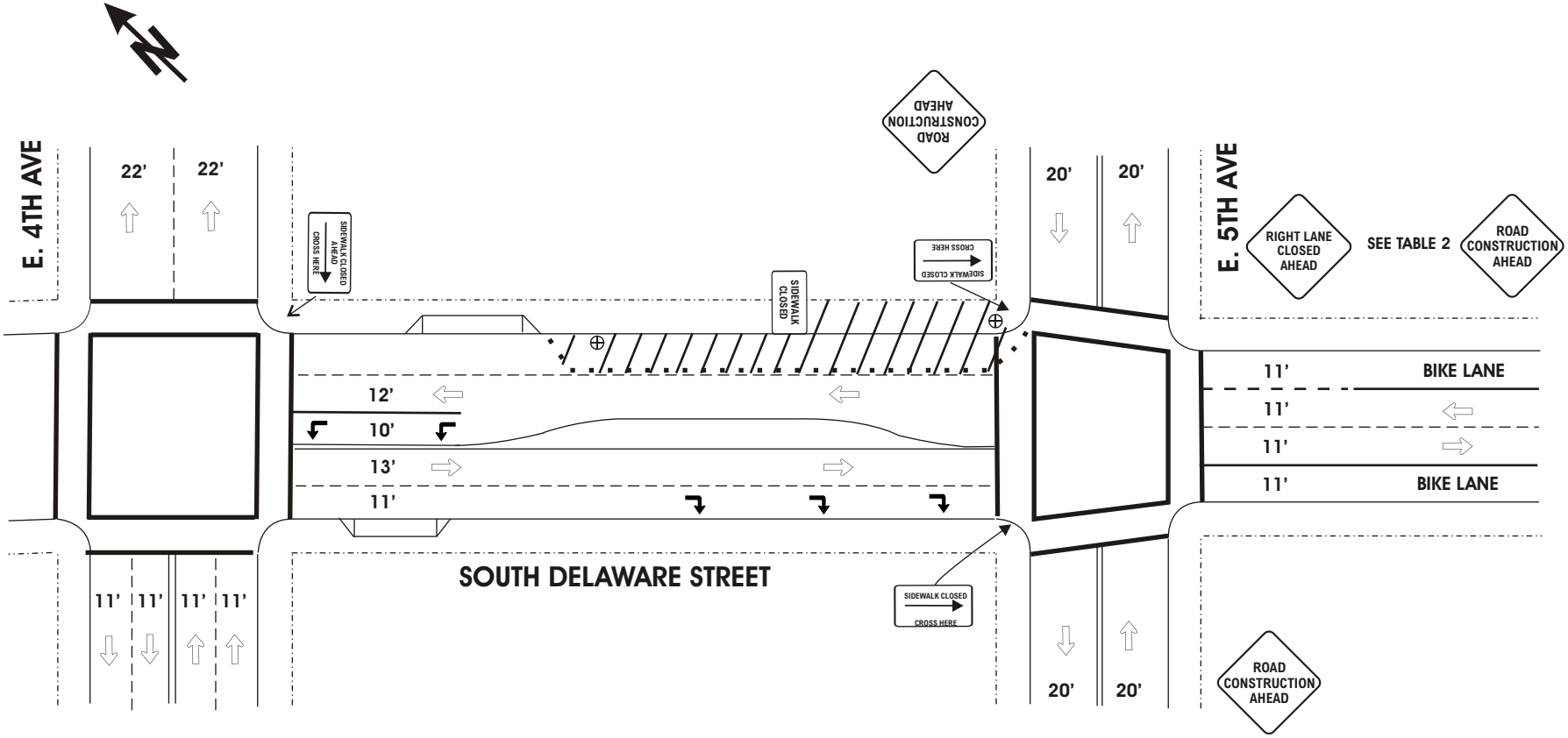


TABLE 1 - Typical Application Taper - Cones

Approach Speed (MPH)	taper length (feet)	# of cones for taper (feet)	spacing cones along taper (ft)
0 - 25	125	6	25
26 - 40	320	9	40
41 - 50	600	13	50

TABLE 2 - Typical Application Signs

Approach Speed (MPH)	between signs (feet) A first sign	between signs (feet) B second sign	between signs (feet) C third sign
Urban low / moderate speeds	100	100	100
Urban high speeds	350	350	350
Rural	500	500	500
Freeway	1000	1500	2640

PREPARED BY: ROBERT SCULLY
UNITED RENTALS HWY. TECH.
1277 OLD BAYSHORE HWY.
SAN JOSE CA. 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

TRAFFIC CONTROL PLAN - SOUTH DELAWARE ST & E. 5TH AVE
ON SO. DELAWARE APROX. 40' EAST OF FIFTH ST

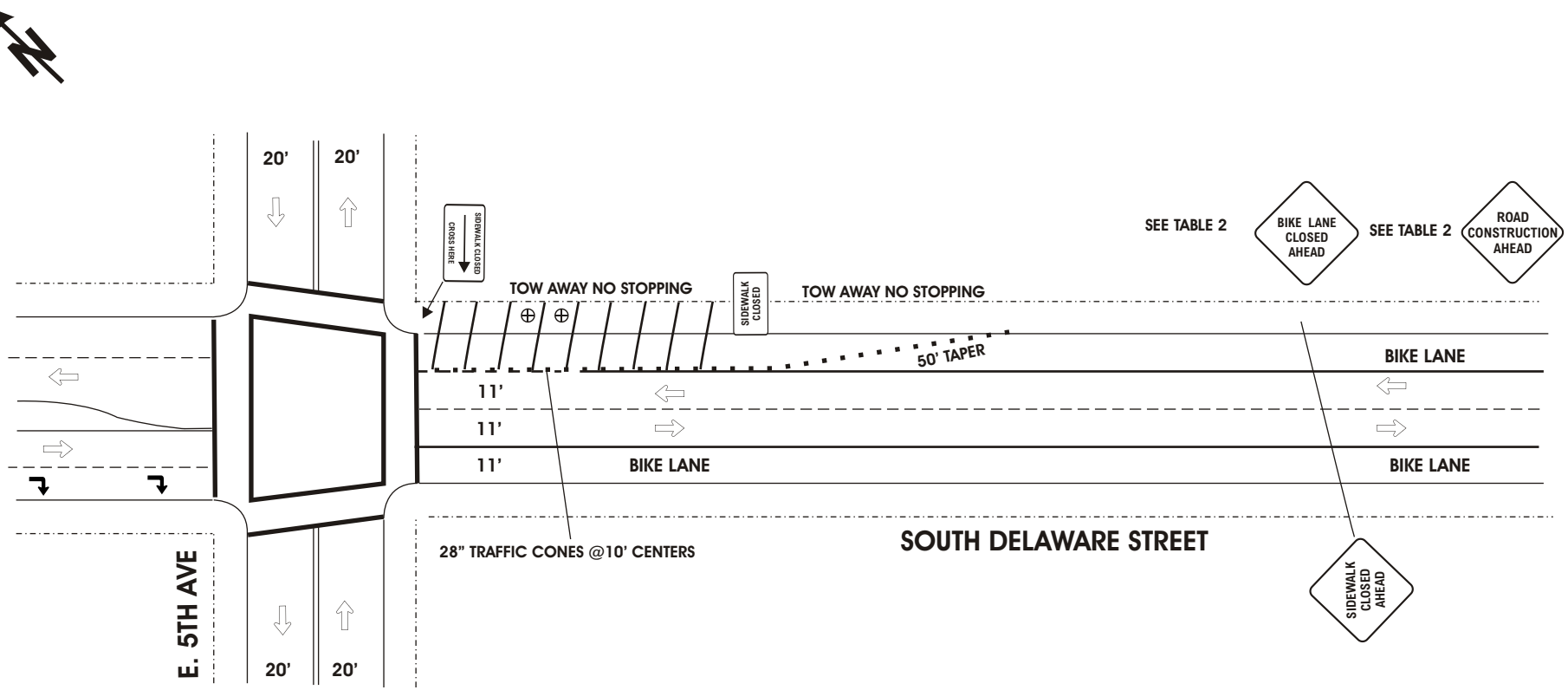


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(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

TRAFFIC CONTROL PLAN - SOUTH DELAWARE ST & E. 5TH AVE
ON FIFTH ST APROX. 90' EAST OF DELAWARE ST

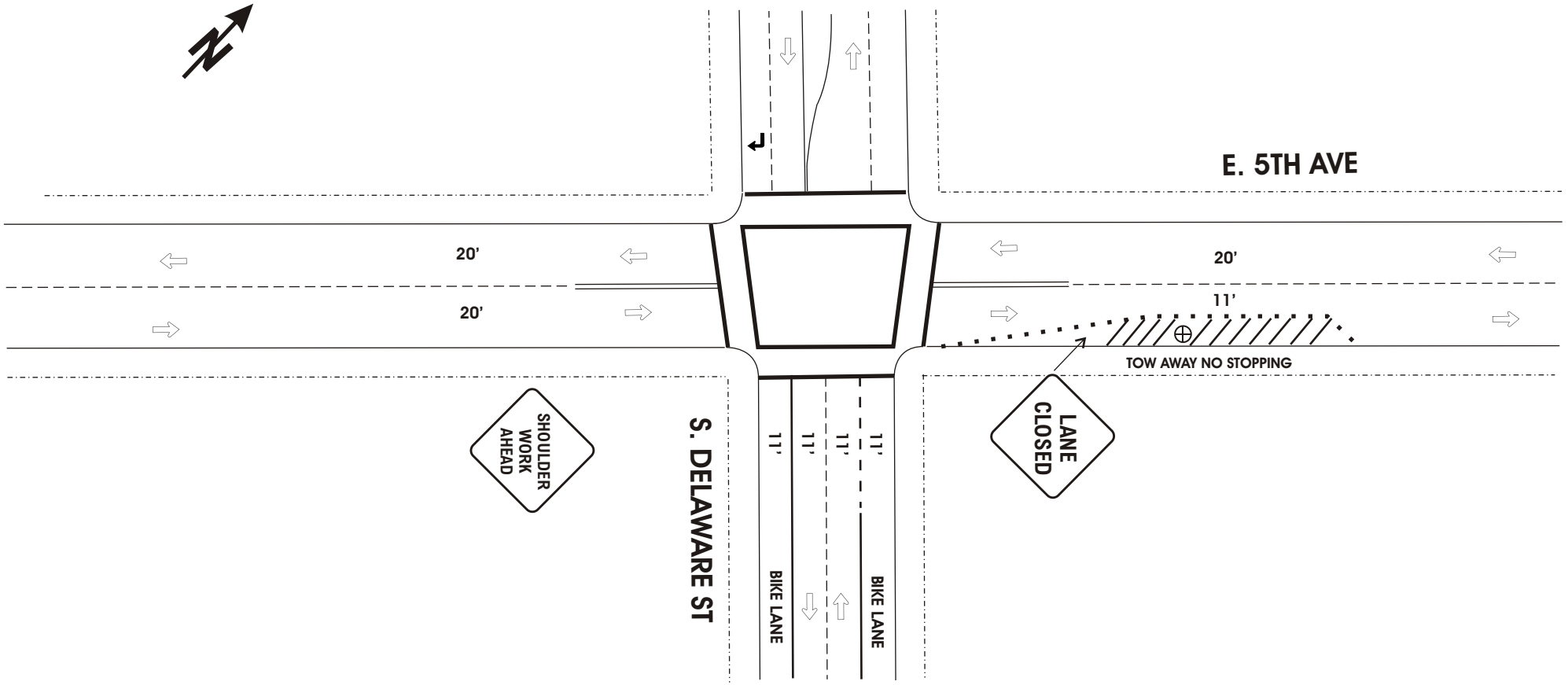


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APPENDIX B
Field and Laboratory Procedures

FIELD AND LABORATORY PROCEDURES

Utility Locating

Prior to drilling, boring locations are marked with white paint or other discernible marking and cleared for underground utilities through Underground Service Alert (USA). In addition, the first five feet (or more in instances where utilities are suspected in close proximity) of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities.

Hollow Stem Auger Drilling/Monitoring Well Installation

Borehole Advancement

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. In conditions where a separate saturated zones are encountered, 18 inch diameter HSA flights are advanced to a depth within the aquitard that separates the two saturated zones, and a 10 inch diameter steel outer conductor casing are installed in the boring approximately 1 to 2 feet into the underlying aquitard and grouted in place, in order to install a groundwater monitoring well screened in the lower saturated zone. After allowing the cement to cure for a period of at least 72 hours, 8 inch diameter HSA flights are advanced through the cement plug at the bottom of the steel casing to the final depth of the boring. Upon completion of drilling and sampling, if no well is to be constructed, the augers are retracted, and the borehole is filled with neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, through a tremmie pipe, and pumped to displace standing water in the borehole. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finish grade.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Split-Spoon Sampling

The precleaned split spoon sampler lined with three 6-inch long brass or stainless steel tubes is driven 18 inches into the underlying soils at the desired sample depth interval. The sampler is driven by repeatedly dropping a 140-pound hammer a free fall distance of 30 inches. The number of blows (blow count) to advance the sampler for each six-inch drive length is recorded on the field logs. Once the sampler is driven the 18-inch drive length or the sampler has met refusal (typically 50 blows per six inches), the sampler is retrieved. Alternatively, with a limited access rig, soil samples are obtained by driving the sample using a pneumatic hammer.

Of the three sample tubes, the bottom sample is generally selected for laboratory analysis. The sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap, and sealing the cap with non-VOC, self-adhering silicon tape. A label is affixed to the sample indicating the sample identification

number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

The remaining soil samples are used for soil classification and field evaluation of headspace volatile organic vapors, where applicable, using a photo ionization or flame ionization detector calibrated to a calibration gas (typically isobutylene or hexane). VOC vapor concentrations are recorded on the boring logs.

Groundwater Monitoring Well Installation and Development

Groundwater monitoring wells are constructed by inserting or tremmieing well materials through the annulus of the hollow stem auger. The groundwater monitoring wells are constructed with a screen interval determined from the encountered soil stratigraphy, to maintain a proper seal at the surface (minimum three feet), screen the top of the water-bearing zone, and avoid penetrating aquitards. Groundwater wells are installed in accordance with the conditions of the well construction permit issued by the regulatory agency exercising jurisdiction over the project site.

The well screen generally consists of schedule 40 polyvinyl chloride (PVC) casing with 0.01 to 0.02 factory slots. As a general rule, 0.01 inch slots are used in fine-grained silts and clays and 0.02 inch slots are used in coarse-grained materials. The screen is then filter packed with #2/12 or #3 sand, or equivalent, for the 0.01 and 0.02 inch slots, respectively.

Once the borehole has been drilled to the desired depth, bentonite chips (to backfill an aquitard) or six inches of filter sand are tremmied to the bottom of the boring. The well screen and blank well casing are then inserted through the annulus of the hollow stem augers. The well screen is sand packed by tremmieing the appropriate filter sand through the annulus between the casing and augers while slowly retracting the augers. During this operation, the depth of the sand pack in the auger is continuously sounded so that the sand remains in the auger annulus during auger retraction to avoid short-circuiting the well. The sand pack is tremmied to approximately two feet above the screen, at which time pre-development surging is performed to consolidate the sand pack. Additional sand is added as necessary to help ensure that the sand pack extends a minimum of two feet above top of screen. Following construction of the sand pack, a two foot thick bentonite seal is tremmied over the sand and hydrated in place. The remainder of the borehole is backfilled with Portland neat cement grout (or the equivalent), mixed at ratio of 6 gallons of water per 94 pounds of neat cement. The well head is then capped with a locking cap and secured with a lock to protect the well from surface water intrusion and vandalism.

The well head is further protected from damage with traffic a rated well box in paved areas or locking steel riser in undeveloped areas. The protective boxes or risers are set in concrete. The details of well construction are recorded on well construction logs.

Following well construction, the wells are developed in accordance with agency protocols by intermittently surging and bailing the wells. Development is deemed to be sufficient once pH, conductivity and temperature stabilize to within approximately ≤ 0.1, ≤ 3%, and ≤ 10%, respectively, or when ten casing volumes have been removed.

Groundwater Monitoring Well Sampling

Depth to Groundwater/SPH Thickness Measurements

Prior to the beginning of purging and sampling the wells, the depth to groundwater and thickness of SPH, if present, within each well casing are measured to the nearest 0.01 foot using either an electronic water level indicator or an electronic oil-water interface probe. This is done in within as narrow a time frame as possible, and before the first well is purged. Measurements are taken from a point of known elevation on the top of each well casing as determined in accordance with surveys by licensed land surveyors.

Groundwater Monitoring Well Purging

Groundwater wells are purged using low-flow protocol at a flow rate of less than 1 liter per minute using a bladder pump. The purge intake is placed opposite the portion of the saturated zone expected to contain the greatest hydrocarbon impact, and the depth of the purge intake is recorded during and after purging. The water level in each well is monitored, and care is taken that the well is not dewatered. The conductivity, temperature, and pH of the delivered effluent are monitored and recorded using a flow-through cell during purge operations. Purge operations are determined to be sufficient once three successive measurements of pH, conductivity, and temperature of the purged water at 3 to 5 minute intervals following the evacuation of one system or line volume vary by ≤ 0.1, ≤ 3%, and ≤ 10%, respectively. System or line volumes, actual purge volumes, and the purging equipment used are recorded on the field data sheets.

Groundwater Sample Acquisition, Handling, and Analysis

Following purging operations, groundwater samples are collected from each of the wells, using a low-flow bladder pump. The groundwater sample is discharged from the pump tubing to the sample container before the water passes through the flow-through cell. The sampling equipment is recorded on the field data sheets.

Collected water samples are discharged directly into laboratory provided, pre-cleaned, and chemically preserved sample containers for the analyses requested. Preservatives are used in the samples if appropriate for the analyses, i.e. hydrochloric acid (HCl) for TPPH, BTEX, and fuel oxygenates by EPA Method 8260B.

Labels documenting sample number, well identification, collection date and time, type of sample and type of preservative (if applicable) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain of custody to a certified laboratory. The type of preservative used is documented on the chain of custody form.

To help assure the quality of the collected samples and to evaluate the potential for cross contamination during transport to the laboratory, a distilled-water trip blank accompanies the samples in the cooler. The trip blank is analyzed for the presence of volatile organic compounds of concern. For petroleum hydrocarbons, the trip blank is typically analyzed for TPHg, BTEX, and fuel oxygenates by EPA Method 8260.

Organic Vapor Procedures

Soil samples are collected for analysis in the field for ionizable organic compounds using a PID with a 10.2 eV lamp. The test procedure involves measuring approximately 30 grams from an undisturbed soil sample, placing this sub-sample in a Ziploc™-type bag or in a clean glass jar, and sealing the jar with aluminum foil secured under a ring-type threaded lid. The container is warmed for approximately 20 minutes (in the sun); then the head-space within the container is tested for total organic vapor, measured in parts per million as benzene (ppm; volume/volume). The instrument is calibrated prior to drilling. The results of the field-testing are noted on the boring logs. PID readings are useful for indicating relative levels of contamination, but cannot be used to evaluate petroleum hydrocarbon levels with the confidence of laboratory analyses.

Equipment Decontamination

Equipment that could potentially contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drill augers and other large pieces of equipment are decontaminated using high pressure hot water spray. Samplers, groundwater pumps, liners and other equipment are decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Soil Cuttings and Rinsate/Purge Water

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

APPENDIX C
Boring Logs

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10** PAGE 1 OF 1

Stantec

DRILLING: STARTED **8/5/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **8/5/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **17.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **13.5**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							Traffic Rated Well Box
		ML	**SILT WITH SAND** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (0,15,85,0)							Neat Cement Grout
		ML	**SANDY SILT** ; ML; 10YR 5/6 yellowish brown; non plastic; hard; dry; no odor; (10,30,60,0)				Airknife / Hand Auger To 6.5 Feet bgs			PVC Casing
										Bentonite Chips
5									5	
		ML	**GRAVELLY SILT WITH SAND** ; ML; 10YR 4/4 dark yellowish brown; non plastic; hard; dry; no odor; (30,15,55,0)							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/6 dark yellowish brown; dense; dry; no odor; subangular; fine sand, fine gravel, (15,65,20,0)			9.5		0.0		
					0812 MW-10, 9'			0.0		No. 3 Sand Filter Pack 0.02 Slotted Screen
10		GM	**SILTY GRAVEL WITH SAND** ; GM; 10YR 4/6 dark yellowish brown; fine-grained; dense; dry; no odor; (60,20,20,0)						10	
			No Recovery							
		GM	**SILTY GRAVEL** ; GM; 10YR 4/6 dark yellowish brown; loose; moist; no odor; subrounded; coarse gravel, (75,5,20,0)					0.0		
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/6 dark yellowish brown; medium dense; moist; subangular; medium grained sand,		0825 MW-10, 13'			0.0		Threaded End Cap
		ML?	ML; No Recovery Slight HC odor; Rock in auger preventing sample collection Drill cuttings and soil on augers indicate silt was encountered							
15								3.5	15	Bentonite Chips
			Hole terminated at 17.5 feet.							
20									20	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-11** PAGE 1 OF 1

Stantec

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **15.5**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **15**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez**
CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Asphalt/Concrete							Traffic Rated Well Box
		ML	**SANDY SILT** ; ML; 10YR 3/6 dark yellowish brown; low plasticity; soft; dry; no odor; no staining; (0,45,55,0)				Air Knife To 5 Feet bgs			Neat Cement Grout
										PVC Casing
										Bentonite Chips
5		SM	**SILTY SAND** ; SM; 10YR 3/6 dark yellowish brown; medium dense; dry; no odor; (10,55,35,0)						5	
			No Recovery							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/3 dark brown; medium dense; moist; no odor; (20,65,15,0)		- -			0.0		
10			No Recovery		1108 MW-11, 9.5'			0.0	10	#3 Sand Filter Pack
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/3 brown; medium dense; moist; no odor; (20,60,20,0)		1122 MW-11, 12' - -			0.0 0.0		
			No Recovery							
15		ML	**SILT** ; ML; 10YR 4/4 dark yellowish brown; low plasticity; hard; moist; no odor; (0,10,90,0)		1133 MW-11, 15'			0.0	15	Threaded End Cap
			Hole terminated at 15.5 feet.							
20									20	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/8/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **16.25** **8/8/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **17.14** **8/8/08** WELL DEPTH (ft): **29.5**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Asphalt							Traffic Rated Well Box
		ML	**SANDY SILT** ; ML; 10YR 3/4 dark yellowish brown; low plasticity; hard; dry; no odor; no staining; (0,35,65,0)				Airknife To 5 Feet bgs	0.0		
			10YR 4/4 dark yellowish brown; soft; fine grained sand and gravel, (15,30,55,0)					0.0		
5								0.0	5	Steel Conductor Casing Set To 18.85' bgs
		SM	**SILTY SAND** ; SM; 10YR 5/3 brown; fine-grained; loose; dry; no odor; poorly graded sand; (5,60,35,0)							
			No Recovery							
10		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/4 dark yellowish brown; medium dense; moist; no odor; well graded; sub rounded to sub angular, (20,60,20,0)					0.0	10	PVC Casing
								0.0		
					1435 MW-12B, 12'			0.0		Neat Cement Grout
			No Recovery							
15		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/6 dark yellowish brown; medium dense; moist; no odor; well graded; (20,55,25,0)					0.0	15	
			Wet; no odor		1443 MW-12B, 16'			0.0		
			No Recovery							Bentonite Chips
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/2 dark grayish brown; loose; wet; moderate HC odor; well graded; (25,55,20,0)					284		
		ML			1508 MW-12B, 18.5'			724		
		SM	**SANDY SILT** ; ML; 10YR 5/4 yellowish brown; low plasticity; soft; moist; moderate HC odor; (5,35,60,0)					1250		
20					1522 MW-12B, 19'			295	20	
			SILTY SAND WITH GRAVEL ; SM; very loose; wet; strong HC odor; well graded; (20,60,15,0)					359		
			Moderate HC odor					71.6		#3 Sand Filter Pack
			No Recovery		1635 MW-12B, 21.5'					
		SM	**SILTY SAND** ; SM; 2.5YR 4/5 light olive brown; non plastic; loose; wet; moderate HC odor; poorly graded		1513 MW-12B, 23'			23		
			(0,70,30,0)					32		0.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/10/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12B** PAGE 2 OF 2

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **16.25** **8/8/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **17.14** **8/8/08** WELL DEPTH (ft): **29.5**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			No Recovery							#3 Sand Filter Pack
		GM	**SILTY GRAVEL** ; GM; 5Y 4/2 olive gray; loose; wet; moderate HC odor; (70,10,30,0)		1535 MW-12B, 27'			15.8		
			10YR 5/6 yellowish brown; no odor; (75,5,25,0)					0.4 0.2 0.8		0.02 Slotted Screen Threaded End Cap
30			Hole terminated at 30 feet.						30	Bentonite
35									35	
40									40	
45									45	

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-13B** PAGE 1 OF 2

DRILLING: STARTED **8/1/08** COMPLETED: **8/6/08**
INSTALLATION: STARTED **8/1/08** COMPLETED: **8/6/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.00** **8/6/08** BOREHOLE DEPTH (ft): **31.0**
STATIC DTW (ft): **18.09** **8/6/08** WELL DEPTH (ft): **31.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							
		ML	**GRAVELLY SILT** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (25,10,65,0)				Airknife to 5' bgs			
		ML	**SANDY SILT** ; ML; (5,40,55,0)							
5			No Recovery						5	Steel Conductor Casing Set To 20.5' bgs
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; loose; dry; subangular; well graded; fine to coarse sand, fine gravel, no odor, (10,70,20,0)					0.0		
10		SM	SM; 10YR 4/6 dark yellowish brown; medium-grained; medium dense; no odor; subrounded; poorly graded; (0,80,20,0)					0.0	10	PVC Casing
		ML	**SILT** ; ML; 10YR 4/3 brown; medium plasticity; stiff; moist; no odor; (0,5,95,0)		0753 MW-13B,12			0.0		
			5Y 4/3 olive; hard; moderate HC odor					4.6		
			Strong HC odor					1030		
								2900		Neat Grout Cement
15								4000	15	
		ML	**SILT WITH SAND** ; ML; 10YR 3/4 dark yellowish brown; low plasticity; soft; moist; strong HC odor; (0,20,80,0)					4000		
		SM	**SILTY SAND** ; SM; 10YR 5/4 yellowish brown; dense; moist; strong HC odor; poorly graded; (0,80,20,0)		0810 MW-13B,15			2090		
		SM						3890		
		GM	No Recovery							
		SP-SM	**SILTY SAND** ; SM; 10YR 5/4 yellowish brown; dense; moist; strong HC odor; poorly graded; (0,70,30,0)		0811 MW-13B,17.5			2950		
		SP-SM	**SILTY GRAVEL WITH SAND** ; GM; 5Y 4/4 olive; loose; moist; strong HC odor; poorly graded; black staining at 17.5, (65,15,20,0)		0849 MW-13B,19			2880		
		GM						1680		
20		MH						1590	20	Bentonite Chips
		ML	**POORLY GRADED SAND WITH SILT AND GRAVEL**; SP-SM; 2.5Y 1/4 olive; brown; loose; wet; strong HC odor; (20,70,10,0)		0925 MW-13B,20.5			18.4		
			No Recovery							
			POORLY GRADED SAND WITH SILT AND GRAVEL; SP-SM 2.5Y 1/4 olive brown; loose; wet; strong HC odor; (20,70,10,0)							#3 Sand filter Pack
			SILTY GRAVEL WITH SAND ; GM; 5Y 4/4 olive; loose; wet; strong HC odor; black staining, (65,15,20,0)							
		SM								
		GM	**ELASTIC SILT** ; MH; 5Y 4/4 olive; high plasticity; soft; moist; strong HC odor;		0813			124		0.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-13B** PAGE 2 OF 2

Stantec

DRILLING: STARTED **8/1/08** COMPLETED: **8/6/08**
INSTALLATION: STARTED **8/1/08** COMPLETED: **8/6/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.00** **8/6/08** BOREHOLE DEPTH (ft): **31.0**
STATIC DTW (ft): **18.09** **8/6/08** WELL DEPTH (ft): **31.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		GM	(0,0,100,0)		MW-13B,24.5					
			SILT ; ML; 5Y 4/2 olive gray; low plasticity; soft; moist; strong HC odor; (0,10,90,0)					94.6		
			No Recovery							
		SP-SM	**SILTY SAND** ; SM; 10YR 5/6 yellowish brown; fine-grained; medium dense; wet; moderate HC odor; (5,75,20,0)		0838 MW-13B,27.5			289		0.02 Slotted Screen
		SM	**SILTY GRAVEL WITH SAND** ; GM; 10YR 5/6 yellowish brown; loose; wet; moderate HC odor; (60,20,20,0)					61		#3 Sand filter Pack
		GM	**SILTY GRAVEL** ; fine to medium grained, (75,5,20,0)							
30			**SAND WITH SILT** ; SP-SM; 10YR 4/6 dark yellowish brown; fine-grained; medium dense; wet; strong HC odor; (0,90,10,0))		0910 MW-13B,30.5			14.4	30	Threaded End Cap
			SILTY SAND ; SM; 10YR 3/6 dark yellowish brown; medium dense; wet; slight HC odor; very fine grained, (0,65,35,0)							
			SILTY GRAVEL WITH SAND ; GM; 10YR 3/6 dark yellowish brown; loose; wet; slight HC odor; fine grained, (60,20,20,0)							
			Hole terminated at 31 feet.							
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-14B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **8/5/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/5/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.79** **8/7/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **18.83** **8/7/08** WELL DEPTH (ft): **29.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							
			Interpreted As Fill							
		ML	**SILT** ; ML; 10YR 5/6 yellowish brown; non plastic; very hard; dry; no odor; weak cementation; (5,10,75,10)				Airknife to 8' Feet bgs			
			SANDY SILT ; (5,35,60,0)							
5		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/6 dark yellowish brown; very dense; dry; no odor; weak cementation; (15,55,30,0)						5	
		SW	**WELL-GRADED SAND WITH GRAVEL** ; SW; 10YR 5/4 yellowish brown; medium dense; dry; no odor; (35,60,5,0)							
			(30,65,5,0)							
10			No Recovery						10	
		SM	**SILTY SAND** ; SM; 10YR 3/4 dark yellowish brown; medium dense; dry; no odor; (5,65,30,0)		1330 MW-14B, 12'			0.0		
			SILTY SAND WITH GRAVEL ; non plastic; (20,55,25,0)					0.0		
		ML	**SILT** ; ML; 10YR 5/8 yellowish brown; non plastic; hard; dry; no odor; (0,10,90,0)					0.0		
15			**SANDY SILT** ; 10YR 4/6 dark yellowish brown; low plasticity; soft; moist; no odor; (10,30,70,0)		1353 MW-14B, 15'			0.0	15	
		SM	**SILTY SAND** ; SM; 10YR 4/6 dark yellowish brown; fine-grained; medium dense; moist; no odor; (5,65,30,0)					0.0		
		ML	**GRAVELLY SILT** ; ML; 10YR 5/4 dark yellowish brown; non plastic; soft; moist; (25,5,70,0)					0.0		
		SP	**POORLY-GRADED SAND** ; SP; 10YR 4/6 dark yellowish brown; medium-grained; loose; wet; no odor; (0,95,5,0)		1408 MW-14B, 18'			0.0		
20			No Recovery						20	
		SM	**SILTY SAND** ; SM; 10YR 3/4 dark yellowish brown; fine-grained; loose; wet; no odor; (5,65,30,0)		1446 MW-14B, 21			0.0		
			No Recovery					0.0		
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; medium-grained; loose; wet; no odor; subrounded; poorly graded; (5,65,30,0)					0.0		
			No Recovery							

Neat Cement Grout
PVC Casing
Bentonite Chips
#3 Sand filter Pack
0.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-14B** PAGE 2 OF 2

DRILLING: STARTED **8/5/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/5/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.79** **8/7/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **18.83** **8/7/08** WELL DEPTH (ft): **29.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; medium-grained; loose; wet; no odor; subrounded; poorly graded; (5,65,30,0)		1508 MW-14B, 25			0.0		#3 Sand filter Pack
		GM	**SILTY GRAVEL** ; GM; 10YR 3/6 dark yellowish brown; fine-grained; loose; wet; no odor; (70,10,20,0)					0.0		
		GM	No Recovery					0.0		0.02 Slotted Screen
			SILTY GRAVEL WITH SAND ; GM; 10YR 4/6 dark yellowish black; fine to medium-grained; loose; wet; no odor; (65,15,20,0)					0.0		Threaded End Cap
			Hole terminated at 29 feet.		1526 MW-14B, 28.5					
30									30	
35									35	
40									40	
45									45	

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-15B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **8/4/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/4/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **17.82** **8/6/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **17.92** **8/7/08** WELL DEPTH (ft): **27.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							12 Inch Well Box
		ML	**SILT** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (0,10,90,0)				Airknife To 5 Feet bgs			
		ML	**SANDY SILT** ; ML; 10YR 4/4 dark yellowish brown; non plastic; no odor; (10,55,35,0)							
5		SM	**SILTY SAND** ; SM; 10YR 4/6 dark yellowish brown; dense; dry; no odor; (10,55,35,0)						5	Neat Cement Grout
			No Recovery							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/4 dark yellowish brown; fine-grained; medium dense; dry; no odor; (15,60,25,0)					0.0		
								0.0		
10			No Recovery						10	PVC Casing
		SM	**SILTY SAND** ; SM; 10YR 4/3 brown; fine-grained; non plastic; medium dense; moist; no odor; (10,55,35,0)		1510 MW-15B, 13'			0.0		
		ML	**SILT** ; ML; 10YR 4/4 dark yellowish brown; low plasticity; firm; moist; no odor; (0,5,95,0)					0.0		
15			(0,10,90,0)		1518 MW-15B, 15'			0.0	15	Bentonite Chips
								0.0		
								0.0		
		SP-SM	**POORLY-GRADED SAND WITH SILT AND GRAVEL** ; SP-SM; 10YR 5/4 yellowish brown; medium-grained; loose; moist; no odor; (20,70,10,0)		1528 MW-15B, 17.5'			0.0		
		GM	Wet					0.0		
			SILTY GRAVEL ; GM; 10YR 3/4 dark yellowish brown; fine-grained; loose; wet; no odor; (60,10,30,0)					0.0		#3 Sand Filter Pack
20			Fine to medium grained gravel					0.0	20	
								0.0		
								0.0		
		SM	**SILTY SAND** ; SM; 10YR 4/6 dark yellowish brown; fine-grained; loose; wet; no odor; (0,70,30,0)					0.0		
			SILTY SAND WITH GRAVEL ; (15,65,20,0)							0.02 Slotted Screen
			No Recovery							
		GM	**SILTY GRAVEL** ; GM; 10YR 5/6 yellowish brown; fine-grained; loose; wet; no odor;					0.0		
								0.0		

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-15B** PAGE 2 OF 2

DRILLING: STARTED **8/4/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/4/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **17.82** **8/6/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **17.92** **8/7/08** WELL DEPTH (ft): **27.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		GM	(75,10,15,0)					0.0		0.02 Slotted Screen
		MH	**ELASTIC SILT** ; MH; 10YR 5/6 yellowish brown; high plasticity; hard; moist; no odor; (0,5,95,0)					0.0 0.0 0.0		Threaded End Cap #3 Sand Filter Pack
					0823 MW-15B, 28'			0.0 0.0		Bentonite Chips
			Hole terminated at 29 feet.							
30									30	
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

APPENDIX D
Field Data Sheets

WELL DEVELOPMENT LOG

Project Number 7210.01514.47 Well MW-10

Project Name 76 Service Station #6390 Development Subcontractor WDC

Performed/Supervised Aaron Button

Development Method Airlift (Sub. Pump) Surge Block (Bailer) Other _____

Development Criteria Turbidity, Parameter Stabilization, 10 casing volumes

Equipment Cleaning Method Tripple Rinse

Field Instruments Used Lac with Sampling Equipment

Development Water Disposal Method Drum

Comments DRY

DEVELOPMENT DATA

Depth to Water: Start DRY End DRY Ref. Point Elev. TOC Height Above Ground Surface 0

Total Depth: Start 13.4 End 13.4

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other (odor)
8/14/08	0850	DRY						

REMARKS:

WELL DEVELOPMENT LOG

Project Number 7CP-01574.47 Well MW-11

Project Name 76 Station # 6390 Development Subcontractor WDC

Performed/Supervised Aaron Button

Development Method Airlift (Sub. Pump) ~~Surge Block~~ Bailer Other _____

Development Criteria Turbidity, Parameter Stabilization, 10 casing volumes

Equipment Cleaning Method Triple Rinse

Field Instruments Used LAR W/ Development equipment

Development Water Disposal Method Drum

Comments Total casing Vol = .36 L × 10 volumes = 3.6 Liters need to be Pumped

DEVELOPMENT DATA

Depth to Water: Start 14.44 End DRY Ref. Point Elev. TOC Height Above Ground Surface 0

Total Depth: Start 15.00 End 15.00

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other (odor)
6/14	1150	DRY						

REMARKS:

WELL DEVELOPMENT LOG

Project Number 77CP.01574.47 Well MW-12B

Project Name 76 Service Station 6390 Development Subcontractor WDC

Performed/Supervised Aaron Butler

Development Method Airlift (Sub. Pump) Surge Block (Bailer) Other _____

Development Criteria Turbidity, Parameter Stabilization, 10 casing volumes

Equipment Cleaning Method Triple Rinse

Field Instruments Used LAR w/ samp development Equipment

Development Water Disposal Method Drum

Comments Water column = 11.97 x .64 = 7.66L x 10 = 77 Liters to purge ~~casing volume~~

DEVELOPMENT DATA

Depth to Water Start 16.96 End 16.96 Ref. Point Elev. TOC Height Above Ground Surface 0

Total Depth Start 28.93 End 28.94

≤3 ∠.1 ≤10

Date	Time	Cumulative Discharge ~~(gallons)~~ L	Turbidity	Conductivity	Color	pH	Temperature	Other (odor)
8/15	755	15	0	38.0	Brown	5.96	19.4	none
	800	30	0	68.7	Brn	6.09	19.3	
	805	40	0	62.0	Brn	6.15	19.2	
	808	50	0	66.5	Brn Lt. Brn	6.18	19.5	
	813	60	2.2	61.3	Light Brn	6.27	19.1	
	816	65	2.6	61.9	Tan	6.28	19.5	
	820	70	2.4	61.6	Clear/ Slightly Cloudy	6.45	19.2	
	824	75	2.4	65.2	clear	6.55	19.5	
	828	80	1.8	65.3	clear	6.54	19.5	

REMARKS:

WELL DEVELOPMENT LOG

Project Number 7TCP.01574.347 Well MW-13B

Project Name 76 Service Station #6390 Development Subcontractor

Performed/Supervised Aaron Button

Development Method Airlift (Sub. Pump) Surge Block (Bailer) Other

Development Criteria Turbidity, Parameter Stabilization, 10 casing volumes

Equipment Cleaning Method tripple Rinse

Field Instruments Used LAR w/ development Equipment

Development Water Disposal Method Drum

Comments (olumn height = 14.14' × .64 = 9.05L × 10 = 91 L

DEVELOPMENT DATA

Depth to Water Start 16.91 End 16.91 Ref. Point Elev. TOC Height Above Ground Surface 0

Total Depth Start 31.05 End 31.06

Date	Time	Cumulative Discharge (gallons)	Turbidity	Conductivity	Color	pH	Temperature	Other (odor)
8/15	935	15	0.0	.105	Brn	7.46	20.8	None
	945	30	0.0	38.4	Brn	7.24	20.4	
	949	40	0.0	67.1	Brn	7.09	19.8	
	952	50	0.0	67.8	Brn	6.92	20.1	
	954	60	0.0	61.5	Brn	6.8	20.0	
	957	70	0.0	61.9	Brn	6.82	20.2	
	1000	80	.8	59.7	Tan/Cloudy	6.15	20.1	
	1006	85	.9	61.1	Tan Cloudy	6.95	19.9	
	1009	90	1.0	60.7	Cloudy Tanish/Clear	6.85	19.9	
	H01014	95	1.8	59.8	Clear/Tan	6.84	20.1	

REMARKS:

Stantec Consulting Corporation

HYDROLOGIC DATA SHEET

Gauge Date: 8/18/09

Project Name: 76 Service Station #6390

Field Technician: ~~Richard~~ Aaron

Project Number: 77CP.01574.44.8504

DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Flow through cell calibrated Y X N____

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y____ N____

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
6 MW-4	7'-27'	Gauge Only	848	0	16.96	26.73	N	N	N	
11 MW-6	13'-19'	Gauge Only	958	0	16.87	17.78	N	N	N	
8 MW-7	22'-25'	Gauge Only	914	0	19.34	24.34	N	N	N	
7 MW-8	17'-30'	Gauge Only	900	0	16.11	30.00	N	W	N	
1 MW-9	11.5'-15'	Gauge Only	810	0	Dry	14.8	N	N	N	
3 MW-10 3	6-13.5	Center of Water Column	832	0	Dry	13.34	Y	N	N	
5 MW-11 2	5-15	Center of Water Column	843	0	14.71	14.98	Y	N	N	
9 10 MW-12B 5	19-29	19' if screen submerged	923	0	16.99	28.93	Y	N	Y	
10 12 MW-13B 6	21-31	21' if screen submerged	953	0	16.92	31.05	Y	N	Y	
4 1 MW-14B	18.8-28.8	Center of water column if screen exposed. Top of screen if screen submerged.	835	0	16.26	28.51	Y	N	Y	
2 4 MW-15B	17-27	Center of water column if screen exposed. Top of screen if screen submerged.	824	0	17.32	26.69 ~~17.32~~	Y	N	Y	

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6390 PURGED BY: Aaron Button WELL I.D.: MW-10

CLIENT NAME: ConocoPhillips SAMPLED BY: Aaron Button SAMPLE I.D.:

LOCATION: 402 S. Delaware St.

DATE PURGED 8/18/08 START (2400hr) END (2400hr)

DATE SAMPLED 8/18/08 SAMPLE TIME (2400hr) LOW-FLOW USED X

SAMPLE TYPE: Groundwater X Surface Water Treatment Effluent Other

CASING DIAMETER: 2" X 3" 4" 5" 6" 8" Other

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 13.34 SYSTEM VOLUME (L) =

DEPTH TO WATER (feet) =

WATER COLUMN HEIGHT (feet) = ACTUAL PURGE (L) =

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
DRY							
Calculated Variance of Final Three Samples							
Acceptable Variance Limits			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING DTW AFTER PURGE SAMPLE DTW:

DEPTH TO PURGE INTAKE DURING PURGE DEPTH TO PURGE INTAKE AFTER PURGE SAMPLE DEPTH:

ANTICIPATED PURGE INTAKE DEPTH ANALYSIS

ODOR

SAMPLE PRESERVATIVE

PURGING EQUIPMENT	SAMPLING EQUIPMENT
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sampling? YES NO

WELL INTEGRITY good LOCK# None

REMARKS DRY

SIGNATURE

Page ___ of ___

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 63901 PURGED BY: Aaron Butler WELL I.D.: MW-11

CLIENT NAME: ConocoPhillips SAMPLED BY: Aaron Butler SAMPLE I.D.:

LOCATION: 402 S. Delaware St.

DATE PURGED 8/18/08 START (2400hr) 1140 END (2400hr)

DATE SAMPLED 8/18/08 SAMPLE TIME (2400hr) LOW-FLOW USED X

SAMPLE TYPE: Groundwater X Surface Water Treatment Effluent Other

CASING DIAMETER: 2" X 3" 4" 5" 6" 8" Other

Casing Volume (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 14.71

DEPTH TO WATER (feet) = 14.98

WATER COLUMN HEIGHT (feet) = .27

SYSTEM VOLUME (L) =

ACTUAL PURGE (L) =

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
Not enough water to Obtain Sample							
Calculated Variance of Final Three Samples							
Acceptable Variance Limits			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: DTW AFTER PURGING SAMPLE DTW

DEPTH TO PURGE INTAKE DURING PURGE DEPTH TO PURGE INTAKE AFTER PURGE SAMPLE DEPTH

ANTICIPATED PURGE INTAKE DEPTH ANALYSES

ODOR: None

SAMPLE VESSEL / PRESERVATIVE

PURGING EQUIPMENT

Low Flow

Low Flow

Flow Through Cell Disconnected P t YES NO

WELL INTEGRITY: good LOCK# None

REMARKS: DRY

SIGNATURE:

Page of

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6390 PURGED BY: Aaron Button WELL I.D.: MW-12B

CLIENT NAME: ConocoPhillips SAMPLED BY: Aaron Button SAMPLE I.D.:

LOCATION: 402 S. Delaware St.

DATE PURGED 8/18/08 START (2400hr) 1340 END (2400hr) 1354

DATE SAMPLED 8/18/08 SAMPLE TIME (2400hr) 1400 LOW-FLOW USED X

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER:	2"	3"	4"	5"	6"	8"	Other
Casing Volume (liters per foot)	X (0.64)	____ (1.44)	____ (2.45)	____ (3.86)	____ (5.68)	____ (9.84)	____ ( )

DEPTH TO BOTTOM (feet) = 28.93 SYSTEM VOLUME (L) = 0.570

DEPTH TO WATER (feet) = 16.99

WATER COLUMN HEIGHT (feet) = 11.94 ACTUAL PURGE (L) = 2.94

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8/18/08	1345	.630	21.1	553	6.49	Clear	
	1348	1.26	20.9	554	6.46		
	1351	1.89	20.7	557	6.42		
	1354	2.52	20.6	558	6.41		
Calculated Variance of Final Three Samples:			1.4	0.72	0.04		
Acceptable Variance Limits			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 16.99 DTW AFTER PURGING 16.99 SAMPLE DTW 16.99

DEPTH TO PURGE INTAKE DURING PURGE: 19.00 DEPTH TO PURGE INTAKE AFTER PURGE 19.00 SAMPLE DEPTH 19.00

ANTICIPATED PURGE INTAKE DEPTH: 19.00 ANALYSES ____

ODOR: None

SAMPLE VESSEL / PRESERVATIVE ____

PURGING EQUIPMENT	SAMPLING EQUIPMENT
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection? YES ____ NO ____

WELL INTEGRITY: good LOCK# None

REMARKS: 21' of tubing x 20 mL = 420 + 150 = 570 mL

35 mL/10 sec x 6 * 3 min = 630 mL/3 min

SIGNATURE [signature] Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6390 PURGED BY: Aaron Button WELL I.D.: MW-13B

CLIENT NAME: ConocoPhillips SAMPLED BY: Aaron Button SAMPLE I.D.:

LOCATION: 402 S. Delaware St.

DATE PURGED: 8/18/08 START (2400hr): 1454 END (2400hr): 1507

DATE SAMPLED: 8/18/08 SAMPLE TIME (2400hr): LOW-FLOW USED: X

SAMPLE TYPE: Groundwater X Surface Water Treatment Effluent Other

CASING DIAMETER: 2" X 3" 4" 5" 6" 8" Other

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 31.05 SYSTEM VOLUME (L) = 0.610

DEPTH TO WATER (feet) = 16.92

WATER COLUMN HEIGHT (feet) = 14.13 ACTUAL PURGE (L) = 3.12

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8/18/08	1501	.72	24.0	563	6.51	Tan	
	1504	1.44	23.5	568	6.55		
	1507	2.16	23.3	570	6.57		
Calculated Variance of Final Three Samples			3.0	1.2	0.06		
Acceptable Variance Limits			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 16.92 DTW AFTER PURGING: 16.92 SAMPLE DTW: 16.92

DEPTH TO PURGE INTAKE DURING PURGE: 21.00 DEPTH TO PURGE INTAKE AFTER PURGE: 21.00 SAMPLE DEPTH: 21.00

ANTICIPATED PURGE INTAKE DEPTH: 21.00 ANALYSES:

ODOR: None

SAMPLE VESSEL / PRESERVATIVE:

PURGING EQUIPMENT	SAMPLING EQUIPMENT
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection? YES NO

WELL INTEGRITY: good LOCK#: None

REMARKS: 23' tubing x 20 ml = 460 ml + 150 ml = 610 ml

40 ml x 6 x 3 = 720 ml/3min

SIGNATURE: Aaron Button

Page of

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6390 PURGED BY: Aaron Button WELL I.D.: MW-14B

CLIENT NAME: ConocoPhillips SAMPLED BY: Aaron Button SAMPLE I.D.:

LOCATION: 402 S. Delaware St.

DATE PURGED 8/18/08 START (2400hr) 1116 END (2400hr) 1129

DATE SAMPLED 8/18/08 SAMPLE TIME (2400hr) 1130 LOW-FLOW USED X

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 28.51 SYSTEM VOLUME (L) = 0.570

DEPTH TO WATER (feet) = 16.26

WATER COLUMN HEIGHT (feet) = 12.25 ACTUAL PURGE (L) = 2.46

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8/18/08	1123	.630	20.8	547	6.44	Tan	
	1126	1.26	20.6	548	6.44		
	1129	1.89	20.6	550	6.45		
Calculated Variance of Final Three Samples			0.97	0.55	0.01		
Acceptable Variance Limits			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 16.26 DTW AFTER PURGING 16.26 SAMPLE DTW 16.26

DEPTH TO PURGE INTAKE DURING PURGE 19.00 DEPTH TO PURGE INTAKE AFTER PURGE 19.00 SAMPLE DEPTH 19.00

ANTICIPATED PURGE INTAKE DEPTH 19.00 ANALYSES ____

ODOR: None

SAMPLE VESSEL / PRESERVATIVE ____

PURGING EQUIPMENT	SAMPLING EQUIPMENT
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sample Collection? YES ____ NO ____

WELL INTEGRITY good LOCK# None

REMARKS 21' tubing x 20 = 420 mL + 150 mL = 520 mL

35 mL/105cc x 6 x 3min = .630 L/3min

SIGNATURE Aaron Button

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 6390 PURGED BY: Aaron Butler WELL I.D.: MW-15B

CLIENT NAME: ConocoPhillips SAMPLED BY Aaron Butler SAMPLE I.D.:

LOCATION: 402 S. Delaware St.

DATE PURGED 8/18/08 START (2400hr) 1250 END (2400hr) 1306

DATE SAMPLED 8/18/08 SAMPLE TIME (2400hr) 1309 LOW-FLOW USED X

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER:	2"	3"	4"	5"	6"	8"	Other
Casing Volume: (liters per foot)	X (0.64)	(1.44)	(2.45)	(3.86)	(5.68)	(9.84)	( )

DEPTH TO BOTTOM (feet) = 26.69 SYSTEM VOLUME (L) = .630

DEPTH TO WATER (feet) = 17.32

WATER COLUMN HEIGHT (feet) = 9.37 ACTUAL PURGE (L) = 3.84

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
8/18/08	1254	.720	22.2	546	5.7	Tan	
	1257	1.44	21.7	555	5.51		
	1300	2.16	21.6	552	5.45		
	1303	2.88	21.2	552	5.41		
	1306	3.60	21.4	550	5.40		
Calculated Variance of Final Three Samples			0.94	.36	0.05		
Acceptable Variance Limits			≤ 10%	≤ 3%	≤ 0.1		

DTW DURING PURGING: 17.32 DTW AFTER PURGING 17.32 SAMPLE DTW 17.32

DEPTH TO PURGE INTAKE DURING PURGE 22.00 DEPTH TO PURGE INTAKE AFTER PURGE 22.00 SAMPLE DEPTH 22.00

ANTICIPATED PURGE INTAKE DEPTH 22.00 ANALYSES ____

ODOR None

SAMPLE ____ PRESERVATIVE ____

PURGING EQUIPMENT	SAMPLING EQUIPMENT
Low Flow	Low Flow

Flow Through Cell Disconnected Prior to Sam: YES ____ NO ____

WELL INTEGRITY good LOCK# None

REMARKS 24' tubing x 2 ml = 480 ml + 150 ml = 630 ml

40 ml/10sec x 6sec x 3 = 720 ml/3min

SIGNATURE ____ Page ____ of ____

APPENDIX E
Survey Data

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
phone: (831) 724-2580
fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

August 27, 2008

Laura E. Sanchez
Stantec
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Re: **CONOCOPHILLIPS, 76 Service Station No. 6390, 402 South Delaware Street, San Mateo, California;** Stantec Job Number 77CP.01574.43, MCE Job No. 08119

Dear Ms. Sanchez,

As you requested, on August 18 we surveyed six new monitoring wells and three existing wells located at the referenced site. Our findings are shown on the attached sheets, expressed in State Plane Coordinates and Latitude/Longitude.

For the monitoring wells, a notch was cut in the north rim of the PVC casing (TOC) and a cross chiseled in the north rim of the standard box (TOB).

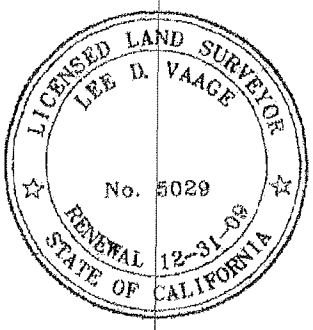
Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using GPS Stations No. 1004 and 1008, as shown on "Record of Survey for City of San Mateo of GPS Control Network", filed in Volume 14 of Licensed Land Surveyor Maps, Pages 83-86, San Mateo County Records. Latitude and Longitude as shown were determined from the California Coordinate System, Zone 3, NAD 83 Datum. The accuracy range of the reported information is +/- 1cm. GPS equipment is the Trimble 5700/5800 system (Code T57). However, at your direction, we rotated and translated our files to conform to the data from a previous survey by Morrow Surveying, supplied by you. The reported coordinate and bearing base was established using data for MW-7 TOC and MW-4 TOC.

The benchmark used for this survey is the TOC of MW-7 as described above and reported by Morrow Surveying. Elevation = 21.74 feet, reported to be NAVD 88 datum.

Please let me know if you have questions or need additional information.

Yours truly,

Lee D. Vaage



CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 South Delaware Street
San Mateo, California

STANTEC Job Number 77CP.01574.43

Project : 08119
User name MCE Date & Time 9:14:27 AM 8/27/2008
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 88
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Northing	Easting	Elevation	Description
24	2033679.98	6034579.57	19.01	MW-4toc*
25	2033680.29	6034579.53	19.27	MW-4tob
18	2033661.33	6034501.59	19.08	MW-6toc*
19	2033661.84	6034501.66	19.46	MW-6tob
14	2033588.90	6034441.60	21.74	MW-7toc*
15	2033589.39	6034441.61	22.16	MW-7tob
22	2033644.58	6034609.70	19.17	MW-10toc
23	2033644.99	6034609.72	19.45	MW-10tob
35	2033542.45	6034677.28	19.23	MW-11toc
36	2033542.97	6034677.26	19.51	MW-11tob
39	2033655.85	6034726.20	18.68	MW-12Btoc
40	2033656.25	6034726.30	19.04	MW-12Btob
16	2033658.18	6034504.51	19.14	MW-13Btoc
17	2033658.56	6034504.68	19.49	MW-13Btob
32	2033732.71	6034537.33	18.47	MW-14Btoc
33	2033733.20	6034537.28	19.01	MW-14Btob
37	2033537.11	6034681.29	19.12	MW-15Btoc
38	2033537.55	6034681.25	19.54	MW-15Btob

CONOCOPHILLIPS
76 SERVICE STATION NO. 6390
402 South Delaware Street
San Mateo, California

STANTEC Job Number 77CP.01574.43

Project : 08119
User name MCE Date & Time 9:14:27 AM 8/27/2008
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 88
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Latitude	Longitude	Elevation	Description
24	37.566003794°N	122.318693594°W	19.01	MW-4toc*
25	37.566004651°N	122.318693767°W	19.27	MW-4tob
18	37.565948427°N	122.318961337°W	19.08	MW-6toc*
19	37.565949810°N	122.318961148°W	19.46	MW-6tob
14	37.565746333°N	122.319163424°W	21.74	MW-7toc*
15	37.565747675°N	122.319163423°W	22.16	MW-7tob
22	37.565908194°N	122.318587280°W	19.17	MW-10toc
23	37.565909313°N	122.318587243°W	19.45	MW-10tob
35	37.565631372°N	122.318347314°W	19.23	MW-11toc
36	37.565632803°N	122.318347420°W	19.51	MW-11tob
39	37.565945348°N	122.318186146°W	18.68	MW-12Btoc
40	37.565946470°N	122.318185845°W	19.04	MW-12Btob
16	37.565939934°N	122.318951062°W	19.14	MW-13Btoc
17	37.565940986°N	122.318950506°W	19.49	MW-13Btob
32	37.566146333°N	122.318842857°W	18.47	MW-14Btoc
33	37.566147685°N	122.318843032°W	19.01	MW-14Btob
37	37.565616906°N	122.318333124°W	19.12	MW-15Btoc
38	37.565618129°N	122.318333281°W	19.54	MW-15Btob

	A	B	C	D	E	F	G	H	I	J	K	L
1	**CONOCOPHILLIPS**											
2	**76 SERVICE STATION NO. 6390**											
3	**402 South Delaware Street**											
4	**San Mateo, California**											
5												
6	**STANTEC Job Number 77CP.01574.43**											
7												
8	Project : 08119											
9	User name MCE				Date & Time 9:14:27 AM 8/27/2008							
10	Coordinate System US State Plane 1983					Zone California Zone 3 0403						
11	Project Datum NAD 1983 (Conus)											
12	Vertical Datum NAVD 88											
13	Coordinate Units US survey feet											
14	Distance Units US survey feet											
15	Elevation Units US survey feet											
16												
17		MW-4*	MW	08/18/2008	37.5660038	-122.3186936	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
18		MW-6*	MW	08/18/2008	37.5659484	-122.3189613	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
19		MW-7*	MW	08/18/2008	37.5657463	-122.3191634	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
20												
21		MW-10	MW	08/18/2008	37.5659082	-122.3185873	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
22		MW-11	MW	08/18/2008	37.5656314	-122.3183473	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
23		MW-12B	MW	08/18/2008	37.5659453	-122.3181861	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
24		MW-13B	MW	08/18/2008	37.5659399	-122.3189511	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
25		MW-14B	MW	08/18/2008	37.5661463	-122.3188429	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
26		MW-15B	MW	08/18/2008	37.5656169	-122.3183331	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing

AUG 27 2008 10:37AM HP LASERJET 3200

	A	B	C	D	E	F	G	H
1	**CONOCOPHILLIPS**							
2	**76 SERVICE STATION NO. 6390**							
3	**402 South Delaware Street**							
4	**San Mateo, California**							
5								
6	**STANTEC Job Number 77CP.01574.43**							
7								
8	Project : 08119							
9	User name MCE		Date & Time	9:14:27 AM 8/27/2008				
10	Coordinate System	US State Plane 1983		Zone	California Zone 3 040			
11	Project Datum	NAD 1983 (Conus)						
12	Vertical Datum	NAVD 88						
13	Coordinate Units	US survey feet						
14	Distance Units	US survey feet						
15	Elevation Units	US survey feet						
16								
17		MW-4*	08/18/2008	19.01	CGPS	88	0.5	Mid Coast Engineers
18		MW-6*	08/18/2008	19.08	CGPS	88	0.5	Mid Coast Engineers
19		MW-7*	08/18/2008	21.74	CGPS	88	0.5	Mid Coast Engineers
20								
21		MW-10	08/18/2008	19.17	CGPS	88	0.5	Mid Coast Engineers
22		MW-11	08/18/2008	19.23	CGPS	88	0.5	Mid Coast Engineers
23		MW-12B	08/18/2008	18.68	CGPS	88	0.5	Mid Coast Engineers
24		MW-13B	08/18/2008	19.14	CGPS	88	0.5	Mid Coast Engineers
25		MW-14B	08/18/2008	18.47	CGPS	88	0.5	Mid Coast Engineers
26		MW-15B	08/18/2008	19.12	CGPS	88	0.5	Mid Coast Engineers

AUG 27 2008 10:37AM HP LASERJET 3200

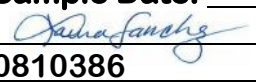
APPENDIX F
Certified Laboratory Analytical Results, Stantec Laboratory Validation Forms, and Chain-of-Custody Documentation

Is Data Valid? (circle)
YES
NO

Preservation Temperature
(If Known)

8.3-8.4 °C

Stantec Lab Validation Sheet

Project/Client: 76 Service Station No. 6390 / ConocoPhillips operate
Project #: 77CP.01266.47.1100
Date of Validation: 8/15/08 **Date of Analysis:** 8-8/8-12-08 **Sample Date:** 8/6/08
Completed By: Laura Sanchez **Signature:** 
Analytical Lab Used and Report # (if any): BC Labs 0810386

Circle/Highlight
Yes or No

1.	**Was the analysis the one requested?**	**Yes** / **No**
2.	**Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?**	**Yes** / **No**
3.	**Were samples prepared (extracted, filtered, etc.) within EPA holding times?**	**Yes** / **No**
4.	**Once prepared/extracted, were the samples analyzed within the EPA holding times?**	**Yes** / **No**
5.	**Were Laboratory blanks performed, if so, were they below non-detect?**	**Yes** / **No**
6.	**Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)**	**Yes** / **No**
7.	**Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?**	**Yes** / **No**
8.	**In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?**	**Yes** / **No**
9.	**Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?**	**Yes** / **No**
10.	**Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?**	**Yes** / **No**
11.	**Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?**	**Yes** / **No**

If any answer is no, explain why and what corrective action was taken:

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 08/13/2008

Laura Sanchez

Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 6390
BC Work Order: 0810386

Enclosed are the results of analyses for samples received by the laboratory on 8/8/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810386-01	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/04/2008 14:35	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B 12'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-02	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/04/2008 14:43	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B 16'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-03	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/04/2008 15:08	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B 18.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-04	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/04/2008 15:22	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B 19'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-05	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/04/2008 16:35	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B 21.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810386-06	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 07:53	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B 12'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-07	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 08:10	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B 15'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-08	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 08:41	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B 17.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-09	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 08:49	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B 19'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-10	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 09:25	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B 20.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810386-11	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 15:10	Global ID: T0608100632
	Sampling Location:	MW-15B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-15B 13'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-12	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 15:18	Global ID: T0608100632
	Sampling Location:	MW-15B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-15B 15'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-13	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/06/2008 15:28	Global ID: T0608100632
	Sampling Location:	MW-15B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-15B 17.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810386-14	**COC Number:**	---	**Receive Date:**	08/08/2008 10:30	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 08:23	Global ID: T0608100632
	Sampling Location:	MW-15B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-15B 28'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-01 | **Client Sample Name:** 6390, MW-12B, MW-12B 12', 8/4/2008 2:35:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	96.2	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	92.3	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:03	LHS	MS-V2	1	BRH0076		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-02 | **Client Sample Name:** 6390, MW-12B, MW-12B 16', 8/4/2008 2:43:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	89.6	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 01:18	LHS	MS-V2	1	BRH0076		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-03 | **Client Sample Name:** 6390, MW-12B, MW-12B 18.5', 8/4/2008 3:08:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	17	mg/kg	10		EPA-8260	08/08/08	08/12/08 10:15	LHS	MS-V2	50	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076		
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 10:15	LHS	MS-V2	50	BRH0076		
Toluene-d8 (Surrogate)	110	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 10:15	LHS	MS-V2	50	BRH0076		
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 01:45	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	89.7	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 10:15	LHS	MS-V2	50	BRH0076		

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Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-04 | **Client Sample Name:** 6390, MW-12B, MW-12B 19', 8/4/2008 3:22:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Ethylbenzene	3.4	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Toluene	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Total Xylenes	7.6	mg/kg	1.0		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
t-Butyl alcohol	ND	mg/kg	5.0		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Diisopropyl ether	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Ethanol	ND	mg/kg	100		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.50		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076	ND	A01
Total Purgeable Petroleum Hydrocarbons	430	mg/kg	200		EPA-8260	08/08/08	08/12/08 10:43	LHS	MS-V2	1000	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076		
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 10:43	LHS	MS-V2	1000	BRH0076		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 10:43	LHS	MS-V2	1000	BRH0076		
4-Bromofluorobenzene (Surrogate)	90.0	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 10:43	LHS	MS-V2	1000	BRH0076		
4-Bromofluorobenzene (Surrogate)	85.6	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 11:11	LHS	MS-V2	100	BRH0076		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-05 | **Client Sample Name:** 6390, MW-12B, MW-12B 21.5', 8/4/2008 4:35:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	0.27	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	0.33	mg/kg	0.010		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	12	mg/kg	5.0		EPA-8260	08/08/08	08/12/08 15:49	LHS	MS-V2	25	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076		
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 15:49	LHS	MS-V2	25	BRH0076		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 15:49	LHS	MS-V2	25	BRH0076		
4-Bromofluorobenzene (Surrogate)	89.1	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/12/08 15:49	LHS	MS-V2	25	BRH0076		
4-Bromofluorobenzene (Surrogate)	87.9	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 02:41	LHS	MS-V2	1	BRH0076		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-06 | **Client Sample Name:** 6390, MW-13B, MW-13B 12', 8/6/2008 7:53:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.6	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	98.8	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	90.3	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:31	LHS	MS-V2	1	BRH0076		

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Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-07 | **Client Sample Name:** 6390, MW-13B, MW-13B 15', 8/6/2008 8:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	2.9	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dibromoethane	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dichloroethane	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Ethylbenzene	85	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Methyl t-butyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Toluene	250	mg/kg	12		EPA-8260	08/11/08	08/12/08 12:07	LHS	MS-V2	2500	BRH0076	ND	A01
Total Xylenes	660	mg/kg	25		EPA-8260	08/11/08	08/12/08 12:07	LHS	MS-V2	2500	BRH0076	ND	A01
t-Amyl Methyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
t-Butyl alcohol	ND	mg/kg	12		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Diisopropyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Ethanol	ND	mg/kg	250		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Ethyl t-butyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076	ND	A01
Total Purgeable Petroleum Hydrocarbons	3500	mg/kg	500		EPA-8260	08/11/08	08/12/08 12:07	LHS	MS-V2	2500	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 12:07	LHS	MS-V2	2500	BRH0076		
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 12:07	LHS	MS-V2	2500	BRH0076		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076		
4-Bromofluorobenzene (Surrogate)	85.7	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 12:07	LHS	MS-V2	2500	BRH0076		
4-Bromofluorobenzene (Surrogate)	90.4	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 12:34	LHS	MS-V2	250	BRH0076		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-08 | **Client Sample Name:** 6390, MW-13B, MW-13B 17.5', 8/6/2008 8:41:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.2	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dibromoethane	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dichloroethane	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Ethylbenzene	38	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Methyl t-butyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Toluene	86	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Total Xylenes	220	mg/kg	2.5		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
t-Amyl Methyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
t-Butyl alcohol	ND	mg/kg	12		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Diisopropyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Ethanol	ND	mg/kg	250		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Ethyl t-butyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076	ND	A01
Total Purgeable Petroleum Hydrocarbons	2200	mg/kg	500		EPA-8260	08/11/08	08/12/08 13:02	LHS	MS-V2	2500	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076		
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 13:02	LHS	MS-V2	2500	BRH0076		
Toluene-d8 (Surrogate)	98.6	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 13:02	LHS	MS-V2	2500	BRH0076		
4-Bromofluorobenzene (Surrogate)	91.8	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 13:02	LHS	MS-V2	2500	BRH0076		
4-Bromofluorobenzene (Surrogate)	90.8	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 13:30	LHS	MS-V2	250	BRH0076		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-09 | **Client Sample Name:** 6390, MW-13B, MW-13B 19', 8/6/2008 8:49:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dibromoethane	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dichloroethane	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Ethylbenzene	14	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Methyl t-butyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Toluene	12	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Total Xylenes	73	mg/kg	2.5		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
t-Amyl Methyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
t-Butyl alcohol	ND	mg/kg	12		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Diisopropyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Ethanol	ND	mg/kg	250		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Ethyl t-butyl ether	ND	mg/kg	1.2		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
Total Purgeable Petroleum Hydrocarbons	620	mg/kg	50		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076		
4-Bromofluorobenzene (Surrogate)	88.5	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 14:26	LHS	MS-V2	250	BRH0076		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-10 | **Client Sample Name:** 6390, MW-13B, MW-13B 20.5', 8/6/2008 9:25:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Ethylbenzene	11	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Toluene	2.1	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Total Xylenes	47	mg/kg	1.0		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
t-Butyl alcohol	ND	mg/kg	5.0		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Diisopropyl ether	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Ethanol	ND	mg/kg	100		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.50		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076	ND	A01
Total Purgeable Petroleum Hydrocarbons	480	mg/kg	200		EPA-8260	08/11/08	08/12/08 14:54	LHS	MS-V2	1000	BRH0076	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 14:54	LHS	MS-V2	1000	BRH0076		
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 14:54	LHS	MS-V2	1000	BRH0076		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076		
4-Bromofluorobenzene (Surrogate)	85.7	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 14:54	LHS	MS-V2	1000	BRH0076		
4-Bromofluorobenzene (Surrogate)	89.9	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 15:21	LHS	MS-V2	100	BRH0076		

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Stantec	Project: 6390	**Reported:** 08/13/2008 9:34
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Laura Sanchez	

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-11 **Client Sample Name:** 6390, MW-15B, MW-15B 13', 8/6/2008 3:10:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.1	%	70 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	97.4	%	81 - 117 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	88.8	%	74 - 121 (LCL - UCL)		EPA-8260	08/11/08	08/12/08 01:59	LHS	MS-V2	1	BRH0076		

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Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-12 | **Client Sample Name:** 6390, MW-15B, MW-15B 15', 8/6/2008 3:18:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.8	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	84.6	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 09:11	LHS	MS-V2	1	BRH0076		

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Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-13 | **Client Sample Name:** 6390, MW-15B, MW-15B 17.5', 8/6/2008 3:28:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.4	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	87.0	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 09:39	LHS	MS-V2	1	BRH0076		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810386-14 | **Client Sample Name:** 6390, MW-15B, MW-15B 28', 8/7/2008 8:23:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076	ND	
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076		
4-Bromofluorobenzene (Surrogate)	88.8	%	74 - 121 (LCL - UCL)		EPA-8260	08/08/08	08/09/08 10:07	LHS	MS-V2	1	BRH0076		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRH0076	Matrix Spike	0809520-31	0	0.12958	0.12500	mg/kg		104		70 - 130	
		Matrix Spike Duplicate	0809520-31	0	0.13048	0.12500	mg/kg	0	104	20	70 - 130	
Toluene	BRH0076	Matrix Spike	0809520-31	0	0.12949	0.12500	mg/kg		104		70 - 130	
		Matrix Spike Duplicate	0809520-31	0	0.12398	0.12500	mg/kg	4.7	99.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRH0076	Matrix Spike	0809520-31	ND	0.051825	0.050000	mg/kg		104		70 - 121	
		Matrix Spike Duplicate	0809520-31	ND	0.050784	0.050000	mg/kg		102		70 - 121	
Toluene-d8 (Surrogate)	BRH0076	Matrix Spike	0809520-31	ND	0.051001	0.050000	mg/kg		102		81 - 117	
		Matrix Spike Duplicate	0809520-31	ND	0.048482	0.050000	mg/kg		97.0		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRH0076	Matrix Spike	0809520-31	ND	0.050465	0.050000	mg/kg		101		74 - 121	
		Matrix Spike Duplicate	0809520-31	ND	0.048855	0.050000	mg/kg		97.7		74 - 121	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRH0076	BRH0076-BS1	LCS	0.13054	0.12500	0.0050	mg/kg	104		70 - 130		
Toluene	BRH0076	BRH0076-BS1	LCS	0.12566	0.12500	0.0050	mg/kg	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRH0076	BRH0076-BS1	LCS	0.051081	0.050000		mg/kg	102		70 - 121		
Toluene-d8 (Surrogate)	BRH0076	BRH0076-BS1	LCS	0.050760	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRH0076	BRH0076-BS1	LCS	0.048569	0.050000		mg/kg	97.1		74 - 121		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/13/2008 9:34

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
Toluene	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRH0076	BRH0076-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRH0076	BRH0076-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
Ethanol	BRH0076	BRH0076-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRH0076	BRH0076-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRH0076	BRH0076-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRH0076	BRH0076-BLK1	101	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRH0076	BRH0076-BLK1	94.0	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRH0076	BRH0076-BLK1	92.1	%	74 - 121 (LCL - UCL)		

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Stantec	Project: 6390	**Reported:** 08/13/2008 9:34
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Laura Sanchez	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.

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Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order #

DATE: 8/7/08
PAGE: 1 of 2

PO was set up, but I do not have access to # in the field. Please see Molly for PO # or contact me at laura.sanchez@stantec.com or 530-304-7811. Thank You! Laura

SAMPLING COMPANY: Stantec	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 6390	
ADDRESS: 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 402 South Delaware Street, San Mateo, CA	
PROJECT CONTACT (Hardcopy or PDF Report to): Laura Sanchez		EDF DELIVERABLE TO (RP or Designee): Laura Sanchez	PHONE NO.: (916) 384-0759
TELEPHONE: (916) 384-0759 / FAX: (916) 861-0430	E-MAIL: laura.sanchez@stantec.com		
SAMPLER NAME(S) (Print): Laura Sanchez	CONSULTANT PROJECT NUMBER: 77CP.01574.47.1100		

VLY 08-16880

TURNAROUND TIME (CALENDAR DAYS):
☐ 14 DAYS ☐ 7 DAYS ☒ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

Please RUSH Samples. Also send a copy of analytical data to Matt Battin MBattin@stantec.com

REQUESTED ANALYSES

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	PCE, by EPA 8260B	TEMPERATURE ON RECEIPT C°
1	MW-12B	MW-12B, 12'	8/4/08	1435	S	1		X		
2	MW-12B	MW-12B, 16'		1443				X		
3	MW-12B	MW-12B, 18.5'		1508				X		
4	MW-12B	MW-12B, 19'		1522				X		
5	MW-12B	MW-12B, 21.5'	↓	1635	↓	↓		X		
6	MW-13B	MW-13B, 12	8/6/08	0753				X		
7	MW-13B	MW-13B, 15		0810				X		
8	MW-13B	MW-13B, 17.5		0841				X		
9	MW-13B	MW-13B, 19		0849				X		
10	MW-13B	MW-13B, 20.5	↓	0915				X		

Relinquished by: (Signature)	Received by: (Signature) P-BIWS BCL	Date: 8/07/08	Time: 1600
Relinquished by: (Signature) BCL VIA GSO 8/07/08 1845	Received by: (Signature)	Date: 8/8/08	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order #:
ConocoPhillips AOC#: 01574.00

DATE: 8/7/08
PAGE: 2 of 2

SAMPLING COMPANY: Stantec	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 6390	GLOBAL ID NO.: T0608100632
ADDRESS: 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 402 South Delaware Street, San Mateo, CA	ConocoPhillips Manager: Shelby Lathrop
PROJECT CONTACT (Hardcopy or PDF Report to): Laura Sanchez		EDF DELIVERABLE TO (RP or Designee): Laura Sanchez	PHONE NO.: (916) 384-0759
TELEPHONE: (916) 384-0759	FAX: (916) 861-0430	E-MAIL: laura.sanchez@stantec.com	E-MAIL: laura.sanchez@stantec.com
SAMPLER NAME(S) (Print): Laura Sanchez	CONSULTANT PROJECT NUMBER: 77CP.01574.47.1100		LAB USE ONLY: 08-10388

TURNAROUND TIME (CALENDAR DAYS):
☐ 14 DAYS ☐ 7 DAYS ☒ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

Please RUSH Samples. Also send a copy of analytical data to
Matt Battin MBattin@stantec.com

REQUESTED ANALYSES

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	PCE, by EPA 8260B	TEMPERATURE ON RECEIPT C°
11	MW-15B	MW-15B, 13'	8-6-08	1510	S	1		X		
12	MW-15B	MW-15B, 15'	8-6-08	1518				X		
13	MW-15B	MW-15B, 17.5'	8-6-08	1528				X		
14	MW-15B	MW-15B, 28'	8-7-08	0823		↓		X		

CHK BY: AM
DISTRIBUTION: SAP
SUB-OUT ☐

Relinquished by: (Signature) Laura Sanchez	Received by: (Signature) BCL	Date: 8/7/08	Time: 1600
Relinquished by: (Signature) BCL VIA GSO 8/7/08 1845	Received by: (Signature)	Date: 8/8/08	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 2

Submission #: 08-10386

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☐ Other ☒ (Specify) BSD

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ (Intact? Yes ☐ No ☐) Containers ☐ (Intact? Yes ☐ No ☐) None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

☒ COC Received ☒ YES ☐ NO

Emissivity: .95 Container: 8oz pl Thermometer ID: #48

Temperature: A 8.3 °C / C 8.4 °C BBPB

Date/Time 8/8/08 1030 Analyst Init CAM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: ALM Date/Time: 08-08-08 1840

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 2 Of 2

Submission #: 08103886

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☐ Other ☒ (Specify) GSO

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: .95 Container: 8oz PL Thermometer ID: #48

Temperature: A 8.3 °C / C 8.4 °C 8BPB

Date/Time 8/8/08 1030 Analyst Init CAM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A						
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: ALM Date/Time: 08-08-08 1840

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

Is Data Valid? (circle)
YES
NO

Preservation Temperature
(If Known)

4.3-1.8 °C

Stantec Lab Validation Sheet

Project/Client: 76 Service Station No. 6390 / ConocoPhillips operate
Project #: 77CP.01266.47.1100
Date of Validation: 8/20/08 **Date of Analysis:** 8-14/8-15-08 **Sample Date:** 8-8/8-11-08
Completed By: Laura Sanchez **Signature:** Laura Sanchez
Analytical Lab Used and Report # (if any): BC Labs 0810624

Circle/Highlight
Yes or No

1.	Was the analysis the one requested?	Yes No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes No
5.	Were Laboratory blanks performed, if so, were they below non-detect?	Yes No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes No
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes No
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes No

If any answer is no, explain why and what corrective action was taken:

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 08/18/2008

Laura Sanchez

Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 6390
BC Work Order: 0810624

Enclosed are the results of analyses for samples received by the laboratory on 8/13/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810624-01	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 08:12	Global ID: T0608100632
	Sampling Location:	MW-10	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-10,9'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-02	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 08:25	Global ID: T0608100632
	Sampling Location:	MW-10	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-10,13'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-03	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 11:08	Global ID: T0608100632
	Sampling Location:	MW-11	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-11,9.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-04	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 11:22	Global ID: T0608100632
	Sampling Location:	MW-11	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-11,12'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-05	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 11:33	Global ID: T0608100632
	Sampling Location:	MW-11	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-11,15'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810624-06	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 15:13	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B,23'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-07	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/08/2008 15:35	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-12B,27'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-08	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/11/2008 08:13	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B,24.5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-09	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/11/2008 08:38	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B,27.5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-10	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/11/2008 09:10	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-13B,30.5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810624-11	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 13:30	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-14B,12'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-12	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 13:53	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-14B,15'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-13	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 14:08	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-14B,18'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-14	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 14:46	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-14B,21'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810624-15	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 15:08	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-14B,25'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810624-16	**COC Number:**	---	**Receive Date:**	08/13/2008 21:20	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/07/2008 15:26	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	MW-14B,28.5'	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-01 | **Client Sample Name:** 6390, MW-10, MW-10,9', 8/8/2008 8:12:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255		
Toluene-d8 (Surrogate)	97.0	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255		
4-Bromofluorobenzene (Surrogate)	90.3	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 16:29	LHS	MS-V2	1	BRH0255		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-02 | **Client Sample Name:** 6390, MW-10, MW-10,13', 8/8/2008 8:25:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255		
4-Bromofluorobenzene (Surrogate)	87.3	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 16:57	LHS	MS-V2	1	BRH0255		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-03 | **Client Sample Name:** 6390, MW-11, MW-11,9.5', 8/8/2008 11:08:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255		
4-Bromofluorobenzene (Surrogate)	89.3	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 17:24	LHS	MS-V2	1	BRH0255		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-04 | **Client Sample Name:** 6390, MW-11, MW-11,12', 8/8/2008 11:22:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255		
4-Bromofluorobenzene (Surrogate)	85.0	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 17:52	LHS	MS-V2	1	BRH0255		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-05 | **Client Sample Name:** 6390, MW-11, MW-11,15', 8/8/2008 11:33:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255		
4-Bromofluorobenzene (Surrogate)	88.0	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 18:20	LHS	MS-V2	1	BRH0255		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-06 | **Client Sample Name:** 6390, MW-12B, MW-12B,23', 8/8/2008 3:13:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0099	mg/kg	0.025	0.0065	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	J,A01
1,2-Dibromoethane	ND	mg/kg	0.025	0.0032	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
Ethylbenzene	1.5	mg/kg	0.025	0.0070	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
Methyl t-butyl ether	0.0034	mg/kg	0.025	0.0032	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	J,A01
Toluene	0.011	mg/kg	0.025	0.0065	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	J,A01
Total Xylenes	3.1	mg/kg	0.050	0.017	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.025	0.00090	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
t-Butyl alcohol	ND	mg/kg	0.25	0.065	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
Diisopropyl ether	ND	mg/kg	0.025	0.0016	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
Ethanol	ND	mg/kg	5.0	0.20	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.025	0.00080	EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610	ND	A01
Total Purgeable Petroleum Hydrocarbons	76	mg/kg	40	6.4	EPA-8260	08/15/08	08/16/08 11:44	LHS	MS-V2	200	BRH0610	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/16/08 11:44	LHS	MS-V2	200	BRH0610		
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	08/15/08	08/16/08 11:44	LHS	MS-V2	200	BRH0610		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610		
4-Bromofluorobenzene (Surrogate)	91.2	%	74 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 18:08	LHS	MS-V2	5	BRH0610		
4-Bromofluorobenzene (Surrogate)	91.1	%	74 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/16/08 11:44	LHS	MS-V2	200	BRH0610		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-07 | **Client Sample Name:** 6390, MW-12B, MW-12B,27', 8/8/2008 3:35:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0015	mg/kg	0.0050	0.0013	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	J
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	0.028	mg/kg	0.0050	0.0014	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	0.056	mg/kg	0.010	0.0034	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	2.2	mg/kg	0.20	0.032	EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	90.8	%	74 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 17:40	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-08 | **Client Sample Name:** 6390, MW-13B, MW-13B,24.5, 8/11/2008 8:13:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.040	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	J,A01
1,2-Dibromoethane	ND	mg/kg	0.050	0.0063	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.050	0.011	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Ethylbenzene	0.38	mg/kg	0.050	0.014	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Methyl t-butyl ether	0.030	mg/kg	0.050	0.0064	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	J,A01
Toluene	0.78	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Total Xylenes	1.9	mg/kg	0.10	0.034	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.050	0.0018	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
t-Butyl alcohol	ND	mg/kg	0.50	0.13	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Diisopropyl ether	ND	mg/kg	0.050	0.0031	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Ethanol	ND	mg/kg	10	0.40	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.050	0.0016	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
Total Purgeable Petroleum Hydrocarbons	12	mg/kg	2.0	0.32	EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610		
4-Bromofluorobenzene (Surrogate)	88.5	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 19:43	LHS	MS-V2	10	BRH0610		

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3017 Kilgore Rd. #100
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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-09 | **Client Sample Name:** 6390, MW-13B, MW-13B,27.5, 8/11/2008 8:38:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.015	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	0.19	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	0.0041	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	J
Toluene	0.39	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	0.93	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	6.7	mg/kg	1.0	0.16	EPA-8260	08/15/08	08/15/08 18:36	LHS	MS-V2	5	BRH0610	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	95.1	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610		
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 18:36	LHS	MS-V2	5	BRH0610		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 18:36	LHS	MS-V2	5	BRH0610		
4-Bromofluorobenzene (Surrogate)	87.8	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 20:11	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	90.4	%	74 - 121 (LCL - UCL)		EPA-8260	08/15/08	08/15/08 18:36	LHS	MS-V2	5	BRH0610		

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Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-10 | **Client Sample Name:** 6390, MW-13B, MW-13B,30.5, 8/11/2008 9:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	0.088	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	96.7	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	89.5	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 19:03	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-11 | **Client Sample Name:** 6390, MW-14B, MW-14B,12', 8/7/2008 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.4	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	96.4	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	86.6	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/14/08 21:07	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-12 | **Client Sample Name:** 6390, MW-14B, MW-14B,15', 8/7/2008 1:53:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.1	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	84.4	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 00:21	LHS	MS-V2	1	BRH0610		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-13 | **Client Sample Name:** 6390, MW-14B, MW-14B,18', 8/7/2008 2:08:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.0	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	90.0	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 00:49	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-14 | **Client Sample Name:** 6390, MW-14B, MW-14B,21', 8/7/2008 2:46:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	0.12	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610	ND	J
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	90.4	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 01:16	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-15 | **Client Sample Name:** 6390, MW-14B, MW-14B,25', 8/7/2008 3:08:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	0.14	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610	ND	J
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	87.6	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 01:44	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810624-16 | **Client Sample Name:** 6390, MW-14B, MW-14B,28.5', 8/7/2008 3:26:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00063	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0014	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00064	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	0.00018	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
t-Butyl alcohol	ND	mg/kg	0.050	0.013	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00031	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Ethanol	ND	mg/kg	1.0	0.040	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	0.00016	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.032	EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610		
4-Bromofluorobenzene (Surrogate)	90.1	%	74 - 121 (LCL - UCL)		EPA-8260	08/14/08	08/15/08 02:12	LHS	MS-V2	1	BRH0610		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRH0255	Matrix Spike	0809520-33	ND	0.14859	0.12500	mg/kg		119		70 - 130	
		Matrix Spike Duplicate	0809520-33	ND	0.14878	0.12500	mg/kg	0	119	20	70 - 130	
Toluene	BRH0255	Matrix Spike	0809520-33	ND	0.13669	0.12500	mg/kg		109		70 - 130	
		Matrix Spike Duplicate	0809520-33	ND	0.12621	0.12500	mg/kg	7.6	101	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRH0255	Matrix Spike	0809520-33	ND	0.049157	0.050000	mg/kg		98.3		70 - 121	
		Matrix Spike Duplicate	0809520-33	ND	0.049311	0.050000	mg/kg		98.6		70 - 121	
Toluene-d8 (Surrogate)	BRH0255	Matrix Spike	0809520-33	ND	0.052593	0.050000	mg/kg		105		81 - 117	
		Matrix Spike Duplicate	0809520-33	ND	0.050093	0.050000	mg/kg		100		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRH0255	Matrix Spike	0809520-33	ND	0.047148	0.050000	mg/kg		94.3		74 - 121	
		Matrix Spike Duplicate	0809520-33	ND	0.047156	0.050000	mg/kg		94.3		74 - 121	
Benzene	BRH0610	Matrix Spike	0809520-59	ND	0.14509	0.12500	mg/kg		116		70 - 130	
		Matrix Spike Duplicate	0809520-59	ND	0.14184	0.12500	mg/kg	2.6	113	20	70 - 130	
Toluene	BRH0610	Matrix Spike	0809520-59	ND	0.13533	0.12500	mg/kg		108		70 - 130	
		Matrix Spike Duplicate	0809520-59	ND	0.12863	0.12500	mg/kg	4.7	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRH0610	Matrix Spike	0809520-59	ND	0.051293	0.050000	mg/kg		103		70 - 121	
		Matrix Spike Duplicate	0809520-59	ND	0.050219	0.050000	mg/kg		100		70 - 121	
Toluene-d8 (Surrogate)	BRH0610	Matrix Spike	0809520-59	ND	0.052812	0.050000	mg/kg		106		81 - 117	
		Matrix Spike Duplicate	0809520-59	ND	0.050453	0.050000	mg/kg		101		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRH0610	Matrix Spike	0809520-59	ND	0.048728	0.050000	mg/kg		97.5		74 - 121	
		Matrix Spike Duplicate	0809520-59	ND	0.047780	0.050000	mg/kg		95.6		74 - 121	

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRH0255	BRH0255-BS1	LCS	0.13932	0.12500	0.0050	mg/kg	111		70 - 130		
Toluene	BRH0255	BRH0255-BS1	LCS	0.12185	0.12500	0.0050	mg/kg	97.5		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRH0255	BRH0255-BS1	LCS	0.050261	0.050000		mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	BRH0255	BRH0255-BS1	LCS	0.051029	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRH0255	BRH0255-BS1	LCS	0.042446	0.050000		mg/kg	84.9		74 - 121		
Benzene	BRH0610	BRH0610-BS1	LCS	0.14782	0.12500	0.0050	mg/kg	118		70 - 130		
Toluene	BRH0610	BRH0610-BS1	LCS	0.12352	0.12500	0.0050	mg/kg	98.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRH0610	BRH0610-BS1	LCS	0.052002	0.050000		mg/kg	104		70 - 121		
Toluene-d8 (Surrogate)	BRH0610	BRH0610-BS1	LCS	0.048625	0.050000		mg/kg	97.2		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRH0610	BRH0610-BS1	LCS	0.047432	0.050000		mg/kg	94.9		74 - 121		

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3017 Kilgore Rd. #100
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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.0013	
1,2-Dibromoethane	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.00063	
1,2-Dichloroethane	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.0011	
Ethylbenzene	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.0014	
Methyl t-butyl ether	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.00064	
Toluene	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BRH0255	BRH0255-BLK1	ND	mg/kg	0.010	0.0034	
t-Amyl Methyl ether	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.00018	
t-Butyl alcohol	BRH0255	BRH0255-BLK1	ND	mg/kg	0.050	0.013	
Diisopropyl ether	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.00031	
Ethanol	BRH0255	BRH0255-BLK1	ND	mg/kg	1.0	0.040	
Ethyl t-butyl ether	BRH0255	BRH0255-BLK1	ND	mg/kg	0.0050	0.00016	
Total Purgeable Petroleum Hydrocarbons	BRH0255	BRH0255-BLK1	ND	mg/kg	0.20	0.032	
1,2-Dichloroethane-d4 (Surrogate)	BRH0255	BRH0255-BLK1	100	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRH0255	BRH0255-BLK1	106	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRH0255	BRH0255-BLK1	83.3	%	74 - 121 (LCL - UCL)		
Benzene	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.0013	
1,2-Dibromoethane	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.00063	
1,2-Dichloroethane	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.0011	
Ethylbenzene	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.0014	
Methyl t-butyl ether	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.00064	
Toluene	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BRH0610	BRH0610-BLK1	ND	mg/kg	0.010	0.0034	
t-Amyl Methyl ether	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.00018	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/18/2008 13:30

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRH0610	BRH0610-BLK1	ND	mg/kg	0.050	0.013	
Diisopropyl ether	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.00031	
Ethanol	BRH0610	BRH0610-BLK1	ND	mg/kg	1.0	0.040	
Ethyl t-butyl ether	BRH0610	BRH0610-BLK1	ND	mg/kg	0.0050	0.00016	
Total Purgeable Petroleum Hydrocarbons	BRH0610	BRH0610-BLK1	ND	mg/kg	0.20	0.032	
1,2-Dichloroethane-d4 (Surrogate)	BRH0610	BRH0610-BLK1	104	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRH0610	BRH0610-BLK1	99.5	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRH0610	BRH0610-BLK1	91.0	%	74 - 121 (LCL - UCL)		

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Stantec	Project: 6390	**Reported:** 08/18/2008 13:30
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Laura Sanchez	

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.

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Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order #: 4516170847
ConocoPhillips AOC#: 01574.00

DATE: 8/12/08
PAGE: 1 of 2

SAMPLING COMPANY: Stantec	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 6390	GLOBAL ID NO.: T0608100632
ADDRESS: 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 402 South Delaware Street, San Mateo, CA	ConocoPhillips Manager: Shelby Lathrop
PROJECT CONTACT (Hardcopy or PDF Report to): Laura Sanchez		EDF DELIVERABLE TO (RP or Designee): Laura Sanchez	PHONE NO.: (916) 384-0759
TELEPHONE: (916) 384-0759	FAX: (916) 861-0430	E-MAIL: laura.sanchez@stantec.com	E-MAIL: laura.sanchez@stantec.com
SAMPLER NAME(S) (Print): Laura Sanchez	CONSULTANT PROJECT NUMBER: 77CP.01574.47.1100		LAB USE ONLY: 58-10624

TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☒ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

Please RUSH Samples. Also send a copy of analytical data to
Matt Battin MBattin@stantec.com

REQUESTED ANALYSES

CHK BY JWW
DISTRIBUTION Stantec Confidential
SUB-OUT ☐ JWW 8-13-08

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	PCE, by EPA 8260B
1	MW-10	MW-10, 9'	8/8/08	0912	S	1		X	
2	MW-10	MW-10, 13'	8/8/08	0825	S	1		X	
3	MW-11	MW-11, 9.5'	8/8/08	1108	S	1		X	
4	MW-11	MW-11, 12'	8/8/08	1122	S	1		X	
5	MW-11	MW-11, 15'	8/8/08	1133	S	1		X	
6	MW-12B	MW-12B, 23'	8/8/08	1513	S	1		X	
7	MW-12B	MW-12B, 27'	8/8/08	1535	S	1		X	
8	MW-13B	MW-13B, 24.5	8/11/08	0813	S	1		X	
9	MW-13B	MW-13B, 27.5	8/11/08	0838	S	1		X	
10	MW-13B	MW-13B, 30.5	8/11/08	0910	S	1		X	

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature) Laura Sanchez	Received by: (Signature) Ross Dickey BC LABS	Date: 8/13/08	Time: 1155
Relinquished by: (Signature) Ross Dickey 8/13/08	Received by: (Signature) R Rhyne	Date: 8-13-08	Time: 1740
Relinquished by: (Signature) R Rhyne 8-13-08 2120	Received by: (Signature)	Date: 8-13-08	Time: 2120

9/19/03 Revision

Chain Of Custody Record

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order #	DATE: 8/12/08
4516170847	PAGE: 2 of 2
ConocoPhillips AOC#	
01574.00	

SAMPLING COMPANY:	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER	GLOBAL ID NO.:
Stantec	SIRC	6390	T0608100632

ADDRESS:	SITE ADDRESS (Street and City):	ConocoPhillips Manager
3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670	402 South Delaware Street, San Mateo, CA	Shelby Lathrop

PROJECT CONTACT (Hardcopy or PDF Report to):			EDF DELIVERABLE TO (RP or Designee):	PHONE NO.:	E-MAIL:	LAB USE ONLY
Laura Sanchez			Laura Sanchez	(916) 384-0759	laura.sanchez@stantec.com	05-10624
TELEPHONE: (916) 384-0759	FAX: (916) 861-0430	E-MAIL: laura.sanchez@stantec.com				

SAMPLER NAME(S) (Print):	CONSULTANT PROJECT NUMBER
Laura Sanchez	77CP.01574.47.1100

TURNAROUND TIME (CALENDAR DAYS):
☐ 14 DAYS ☐ 7 DAYS ☒ 72 HOURS ☑ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

Please RUSH Samples. Also send a copy of analytical data to
Matt Battin MBattin@stantec.com

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	PCE, by EPA 8260B	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
11	MW-14B	MW-14B, 12'	8/7/08	1330	S	1		X		
12	MW-14B	MW-14B, 15'	8/7/08	1353	S	1		X		
13	MW-14B	MW-14B, 18'	8/7/08	1408	S	1		X		
14	MW-14B	MW-14B, 21	8/7/08	1446	S	1		X		
15	MW-14B	MW-14B, 25	8/7/08	1508	S	1		X		
16	MW-14B	MW-14B, 28.5	8/7/08	1526	S	1		X		

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Laura Sanchez	Ross Dickey BC Labs	8/13/08	1155
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	R Rueyn	8-13-08	1740
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
R Rueyn 8-13-08 2120		8-13-08	2120

9/19/03 Revision

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page __ Of __

Submission #: 08-10624

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ **Comments:**

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ **Comments:**

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: ~ Container: Sleeve Thermometer ID: 82

Temperature: A 4.3 °C / C 4.8 °C

Date/Time 08-13-08 2136

Analyst Init MZV

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: _____ Date/Time: 08-13-08 2240

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page __ Of __

Submission #: 08-10624

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: ~ Container: Sleeve Thermometer ID: 82

Temperature: A 4.3 °C / C 1.8 °C

Date/Time 08/13/08 2136

Analyst Init IAL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A				
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: AL Date/Time: 08-13-08 2200

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

Is Data Valid? (circle)
YES
NO

Preservation Temperature
(If Known)

3.1-2.2 °C

Stantec Lab Validation Sheet

Project/Client: 76 Service Station No. 6390 / ConocoPhillips operate
Project #: 77CP.01266.47.1100
Date of Validation: 8/25/08 **Date of Analysis:** 8-20-08 **Sample Date:** 8-18-08
Completed By: Laura Sanchez **Signature:** Laura Sanchez
Analytical Lab Used and Report # (if any): BC Labs 0810895

Circle/Highlight
Yes or No

1.	Was the analysis the one requested?	Yes No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes No
5.	Were Laboratory blanks performed, if so, were they below non-detect?	Yes No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes No
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes No
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes No

If any answer is no, explain why and what corrective action was taken:

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 08/21/2008

Laura Sanchez

Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 6390
BC Work Order: 0810895

Enclosed are the results of analyses for samples received by the laboratory on 8/19/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0810895-01	**COC Number:**	---	**Receive Date:**	08/19/2008 22:00	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/18/2008 14:00	Global ID: T0608100632
	Sampling Location:	MW-12B	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-12B	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810895-02	**COC Number:**	---	**Receive Date:**	08/19/2008 22:00	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/18/2008 15:10	Global ID: T0608100632
	Sampling Location:	MW-13B	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-13B	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810895-03	**COC Number:**	---	**Receive Date:**	08/19/2008 22:00	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/18/2008 11:30	Global ID: T0608100632
	Sampling Location:	MW-14B	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-14B	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810895-04	**COC Number:**	---	**Receive Date:**	08/19/2008 22:00	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/18/2008 13:09	Global ID: T0608100632
	Sampling Location:	MW-15B	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-15B	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0810895-05	**COC Number:**	---	**Receive Date:**	08/19/2008 22:00	Delivery Work Order:
	Project Number:	6390	**Sampling Date:**	08/18/2008 13:00	Global ID: T0608100632
	Sampling Location:	QCTB	**Sample Depth:**	---	Matrix: W
	Sampling Point:	QCTB	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-01 | **Client Sample Name:** 6390, MW-12B, MW-12B, 8/18/2008 2:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
cis-1,2-Dichloroethene	41	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Total 1,2-Dichloroethene	41	ug/L	1.0		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Ethylbenzene	0.70	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Methyl t-butyl ether	3.5	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Tetrachloroethene	270	ug/L	10		EPA-8260	08/20/08	08/20/08 15:43	SVM	MS-V9	20	BRH1195	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Trichloroethene	36	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Total Xylenes	1.9	ug/L	1.0		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	
Total Purgeable Petroleum Hydrocarbons	290	ug/L	50		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 15:43	SVM	MS-V9	20	BRH1195		
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 15:43	SVM	MS-V9	20	BRH1195		
4-Bromofluorobenzene (Surrogate)	95.0	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 15:43	SVM	MS-V9	20	BRH1195		

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Stantec	Project: 6390	**Reported:** 08/21/2008 16:29
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Laura Sanchez	

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-01 | **Client Sample Name:** 6390, MW-12B, MW-12B, 8/18/2008 2:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromofluorobenzene (Surrogate)	98.1	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 13:58	SVM	MS-V9	1	BRH1195		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-02 | **Client Sample Name:** 6390, MW-13B, MW-13B, 8/18/2008 3:10:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	3.0	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
cis-1,2-Dichloroethene	32	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Total 1,2-Dichloroethene	32	ug/L	1.0		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Methyl t-butyl ether	13	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Tetrachloroethene	280	ug/L	10		EPA-8260	08/20/08	08/20/08 16:10	SVM	MS-V9	20	BRH1195	ND	A01
Toluene	0.98	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Trichloroethene	33	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Total Xylenes	5.4	ug/L	1.0		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	
Total Purgeable Petroleum Hydrocarbons	300	ug/L	50		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195		
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 16:10	SVM	MS-V9	20	BRH1195		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 16:10	SVM	MS-V9	20	BRH1195		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 16:10	SVM	MS-V9	20	BRH1195		

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Stantec	Project: 6390	**Reported:** 08/21/2008 16:29
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Laura Sanchez	

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-02 | **Client Sample Name:** 6390, MW-13B, MW-13B, 8/18/2008 3:10:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromofluorobenzene (Surrogate)	96.0	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 14:24	SVM	MS-V9	1	BRH1195		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-03 | **Client Sample Name:** 6390, MW-14B, MW-14B, 8/18/2008 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
cis-1,2-Dichloroethene	0.83	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Total 1,2-Dichloroethene	ND	ug/L	1.0		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Tetrachloroethene	21	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Toluene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Trichloroethene	1.4	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 17:54	SVM	MS-V9	1	BRH1195		

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Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-04 | **Client Sample Name:** 6390, MW-15B, MW-15B, 8/18/2008 1:09:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
cis-1,2-Dichloroethene	1.9	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Total 1,2-Dichloroethene	1.9	ug/L	1.0		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Tetrachloroethene	60	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Toluene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Trichloroethene	2.5	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	
Total Purgeable Petroleum Hydrocarbons	61	ug/L	50		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195		
4-Bromofluorobenzene (Surrogate)	97.1	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 18:20	SVM	MS-V9	1	BRH1195		

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3017 Kilgore Rd. #100
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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0810895-05 | **Client Sample Name:** 6390, QCTB, QCTB, 8/18/2008 1:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195	ND	
Toluene	ND	ug/L	0.50		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195		
4-Bromofluorobenzene (Surrogate)	87.3	%	86 - 115 (LCL - UCL)		EPA-8260	08/20/08	08/20/08 17:28	SVM	MS-V9	1	BRH1195		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRH1195	Matrix Spike	0809520-52	0	24.214	25.000	ug/L		96.9		70 - 130	
		Matrix Spike Duplicate	0809520-52	0	24.131	25.000	ug/L	0.4	96.5	20	70 - 130	
Toluene	BRH1195	Matrix Spike	0809520-52	0	26.293	25.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0809520-52	0	25.976	25.000	ug/L	1.0	104	20	70 - 130	
Trichloroethene	BRH1195	Matrix Spike	0809520-52	0	27.590	25.000	ug/L		110		70 - 130	
		Matrix Spike Duplicate	0809520-52	0	27.850	25.000	ug/L	0.9	111	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRH1195	Matrix Spike	0809520-52	ND	11.285	10.000	ug/L		113		76 - 114	
		Matrix Spike Duplicate	0809520-52	ND	11.018	10.000	ug/L		110		76 - 114	
Toluene-d8 (Surrogate)	BRH1195	Matrix Spike	0809520-52	ND	10.235	10.000	ug/L		102		88 - 110	
		Matrix Spike Duplicate	0809520-52	ND	10.252	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRH1195	Matrix Spike	0809520-52	ND	10.020	10.000	ug/L		100		86 - 115	
		Matrix Spike Duplicate	0809520-52	ND	9.8520	10.000	ug/L		98.5		86 - 115	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRH1195	BRH1195-BS1	LCS	23.875	25.000	0.50	ug/L	95.5		70 - 130		
Toluene	BRH1195	BRH1195-BS1	LCS	26.223	25.000	0.50	ug/L	105		70 - 130		
Trichloroethene	BRH1195	BRH1195-BS1	LCS	28.488	25.000	0.50	ug/L	114		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRH1195	BRH1195-BS1	LCS	10.909	10.000		ug/L	109		76 - 114		
Toluene-d8 (Surrogate)	BRH1195	BRH1195-BS1	LCS	10.274	10.000		ug/L	103		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRH1195	BRH1195-BS1	LCS	9.9315	10.000		ug/L	99.3		86 - 115		

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Project: 6390
Project Number: [none]
Project Manager: Laura Sanchez

Reported: 08/21/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Total 1,2-Dichloroethene	BRH1195	BRH1195-BLK1	ND	ug/L	1.0		
Ethylbenzene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Toluene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Trichloroethene	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Total Xylenes	BRH1195	BRH1195-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRH1195	BRH1195-BLK1	ND	ug/L	10		
Diisopropyl ether	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Ethanol	BRH1195	BRH1195-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRH1195	BRH1195-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRH1195	BRH1195-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRH1195	BRH1195-BLK1	105	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRH1195	BRH1195-BLK1	102	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRH1195	BRH1195-BLK1	87.5	%	86 - 115 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Stantec	Project: 6390	**Reported:** 08/21/2008 16:29
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Laura Sanchez	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A53	Chromatogram not typical of gasoline.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain Of Custody Record

#110 AMB 8/20/08 081201 MB 8/20/08

BC Laboratories
4100 Atlas Court, Bakersfield, CA
(661) 327-4911 (661) 327-1918 fax

INVOICE REMITTANCE ADDRESS: #081D895

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

Purchase Order #	DATE: 8/18/08
4516170847	PAGE: 1 of 1
ConocoPhillips AOC#	
01574.00	

SAMPLING COMPANY:	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER	GLOBAL ID NO.:
Stantec	SIRC	6390	T0608100632

ADDRESS:	SITE ADDRESS (Street and City):	ConocoPhillips Manager
3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670	402 South Delaware Street, San Mateo, CA	Shelby Lathrop

PROJECT CONTACT (Hardcopy or PDF Report to):	EDF DELIVERABLE TO (RP or Designee):	PHONE NO.:	E-MAIL:	LAB USE ONLY
Laura Sanchez	Laura Sanchez	(916) 384-0759	laura.sanchez@stantec.com	

TELEPHONE:	FAX:	E-MAIL:
(916) 384-0759	(916) 861-0430	laura.sanchez@stantec.com

SAMPLER NAME(S) (Print):	CONSULTANT PROJECT NUMBER
Aaron Button	77CP.01574.47.1100

TURNAROUND TIME (CALENDAR DAYS):
☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☑ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

Please RUSH Samples. Also send a copy of analytical data to
Matt Battin MBattin@stantec.com

REQUESTED ANALYSES

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPPH, BTEX, & MTBE by EPA 8260B	TPPH, BTEX, 5 oxys (MTBE, TBA, DIPE, ETBE, TAME), 2 lead scavengers (EDB, 1,2-DCA), and ethanol by EPA Method 8260B	PCE, TCE, 1,2-DCE, by EPA 8260B	TEMPERATURE ON RECEIPT C°
1	MW-12B	MW-12B	8/18/2008	1400	GW	3		X	X	40-mL VOAs, preserved with HCl
2	MW-13B	MW-13B	8/18/2008	1510	GW	3		X	X	40-mL VOAs, preserved with HCl
3	MW-14B	MW-14B	8/18/2008	1130	GW	3		X	X	40-mL VOAs, preserved with HCl
4	MW-15B	MW-15B	8/18/2008	1309	GW	3		X	X	40-mL VOAs, preserved with HCl
5	QCTB	QCTB	8/18/2008	1300	DI	1	X			40-mL VOAs, preserved with HCl

CHK BY DISTRIBUTION
SUB-OUT ☐

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Ross Deeley BC LAB	8/19/08	1320
Ross Deeley 8/19/08	[signature]	8-19-08	1850
[signature] 8-19-08 2200	[signature]	8.19.08	2200

9/19/03 Revision

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 0811201

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☐ YES ☐ NO

Emissivity: .97 Container: VOA Thermometer ID: 48

Temperature: A 3.1 °C / C 2.2 °C

Date/Time 8-19-08 2200

Analyst Init JPW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK					A					
40ml VOA VIAL	A3	A3	A3	A3	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: AMB Date/Time: 8/20/08 - 835

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

APPENDIX G
Geotracker Upload Confirmation

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**SWI_R**
Submittal Title:	**Additional Assessment and Sensitive Receptor Survey Report (1 of 3)**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**08-10386.zip**
Organization Name:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:13:49 PM**
Confirmation Number:	**1158720254**

VIEW QC REPORT

VIEW DETECTIONS REPORT

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**SWI_R**
Submittal Title:	**Additional Assessment and Sensitive Receptor Survey Report (2 of 3)**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**08-10624.zip**
Organization Name:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:15:00 PM**
Confirmation Number:	**6495274424**

VIEW QC REPORT

VIEW DETECTIONS REPORT

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**SWI_R**
Submittal Title:	**Additional Assessment and Sensitive Receptor Survey Report (3 of 3)**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**08-10895.zip**
Organization Name:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:15:28 PM**
Confirmation Number:	**6210219442**

VIEW QC REPORT

VIEW DETECTIONS REPORT

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0608100632**
Field Point:	**MW-10**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**MW-10.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:17:07 PM**
Confirmation Number:	**4264420032**

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0608100632**
Field Point:	**MW-11**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**MW-11.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:20:11 PM**
Confirmation Number:	**6183269679**

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0608100632**
Field Point:	**MW-12B**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**MW-12B.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:21:17 PM**
Confirmation Number:	**5899322986**

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0608100632**
Field Point:	**MW-13B**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**MW-13B.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:21:57 PM**
Confirmation Number:	**3869267344**

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GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0608100632**
Field Point:	**MW-14B**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**MW-14B.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:22:56 PM**
Confirmation Number:	**3255557000**

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GEOTRACKER ESI

UPLOADING A GEO_BORE FILE

SUCCESS

Your GEO_BORE file has been successfully submitted!

Submittal Type:	**GEO_BORE**
Facility Global ID:	**T0608100632**
Field Point:	**MW-15B**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**MW-15B.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:24:05 PM**
Confirmation Number:	**5084944784**

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GEOTRACKER ESI

UPLOADING A GEO_XY FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**GEO_XY**
Submittal Title:	**Additional Assessment and Sensitive Receptor Survey Report**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**6390 - 2008 Assessment Report - GEO_XY.zip**
Organization Name:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:40:45 PM**
Confirmation Number:	**1041805446**

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GEOTRACKER ESI

UPLOADING A GEO_Z FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**GEO_Z**
Submittal Title:	**Additional Assessment and Sensitive Receptor Survey Report**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**6390 - 2008 Assessment Report - GEO_Z.zip**
Organization Name:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:41:27 PM**
Confirmation Number:	**5262883067**

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**GEO_WELL**
Submittal Title:	**Additional Assessment and Sensitive Receptor Survey Report**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**6390 - 2008 Assessment Report - GEO_WELL.zip**
Organization Name:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:41:48 PM**
Confirmation Number:	**5057907581**

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_MAP FILE

SUCCESS

Your GEO_MAP file has been successfully submitted!

Submittal Type:	**GEO_MAP**
Facility Global ID:	**T0608100632**
Facility Name:	**TOSCO #6390 (FORMER UNOCAL)**
File Name:	**FIG-2 CP-6390 EXTEND SITE PLAN.pdf**
Username:	**Stantec Consulting Corporation - Sacramento**
Username:	**StantecSac-rbenkosky**
IP Address:	**65.249.41.17**
Submittal Date/Time:	**9/10/2008 3:44:30 PM**
Confirmation Number:	**8541890025**

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APPENDIX H
Sensitive Receptor Survey Documentation

STATE OF CALIFORNIA - THE RESOURCES AGENCY ARNOLD SCHWARZENEGGER, Governor
DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT
901 P Street
Sacramento, CA 95814
(916) 651-0753
(916) 651-0726 (Fax)

NORTHERN DISTRICT
2440 Main Street
Red Bluff, CA 96080
(530) 529-7300
(530) 529-7322 (Fax)

SAN JOAQUIN DISTRICT
3374 E. Shields Ave Ste A7
Fresno, CA 93726
(559) 230-3300
(559) 230-3301 (Fax)

SOUTHERN DISTRICT
770 Fairmont Avenue
Glendale, CA 91203
(818) 500-1645 ext. 233
(818) 543-4604 (Fax)

WELL COMPLETION REPORT RELEASE AGREEMENT—AGENCY STUDY
(Government Agencies and their Authorized Agents)

Under California Water Code Section 13752, the agency named below requests permission from Department of Water Resources to inspect or copy, or for our authorized agent named below to inspect or copy, Well Completion Reports filed pursuant to Section 13751 to make a study.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public. The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped **CONFIDENTIAL** and shall be kept in a restricted file accessible only to agency staff or the authorized agent for this study.

Project Name: 76 Service Station #6390 County: San Mateo

Street Address: 402 South Delaware Street City: San Mateo

Township, Range, and Section: T4S,R4W,sec20; T4S,R4W,sec17; T4S,R4W,sec18; T4S,R4W,sec19 Radius: 0.5 mile

(Include entire study area and a map that shows the area of interest.)

SECOR International, Inc.	San Mateo Department of Public Health - Groundwater Protection Program
Authorized Agent Company Name	Government Agency Name
3017 Kilgore Road, Suite 100	455 County Center
Address	Address
Rancho Cordova, CA 95670	Redwood City, CA 94063
City, State, and Zip Code	City, State, and Zip Code
Jaime Ricci	Deno Mllano
Authorized Agent Name (**please print**)	Agency Contact Name (**please print**)
Signature: Jaime Ricci	Signature:
Title: Staff Geologist	Title: Hazardous Materials Specialist
Telephone: (916) 384-0794	Telephone: (650) 363-4972
FAX: (916) 861-0430	FAX: (650) 363-7882
Date: 8/21/07	Date: 8/22/07
E-mail: jricci@secor.com	E-mail: dmllano@co.sanmateo.ca.us

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Gateway Crossing Inc
Po Box 527
Burlingame CA,94011

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *600 3rd Ave* APN: *034-188-140*

Property Owner Information
Name: GATEWAY CROSSING INC
Address: PO Box 527
City, State, Zip: BURLINGAME, CA 94011
Telephone: 650-867-4499
RE: DION HEFFRAN
Property Use: ☐ Residential ☒ Commercial

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

RECEIVED
JUL 17 2008
By

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Max W & L G Trusts Antoniazzi
32 Hayward Ave
San Mateo CA,94401-4316

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *412 E 3rd Ave* APN: *034-182-100*

Property Owner Information
Name: Max Antoniazzi
Address: 32 Hayward Ave
City, State, Zip: San Mateo CA 94401
Telephone: (650) 343-0758

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

RECEIVED
JUL 21 2008
By

Property Use: ☐ Residential ☑ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☑
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☐	☑
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Max W & L G Trusts Antoniazzi
32 Hayward Ave
San Mateo CA,94401-4316

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *416 E 3rd Ave* APN: *034-182-110*

Property Owner Information
Name: Max Antoniazzi
Address: 32 Hayward Ave.
City, State, Zip: San Mateo CA 94401
Telephone: (650) 343-0758

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

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By

Property Use: ☐ Residential ☑ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☑
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☐	☑
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Victor & Mary E Trusts Peccolo
639 Capistrano Way
San Mateo CA,94402-2010

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *420 428 3rd Ave* APN: *034-182-010*

Property Owner Information
Name: Victor Peccolo
Address: 639 Capistrano Way
City, State, Zip: San Mateo, Calif 94402
Telephone: _____

Tenant Information (*if not Property Owner*)
Name: Sonny Wu
Address: 420-428 3rd Ave
City, State, Zip: San Mateo, Calif 94401
Telephone: _____

Property Use: ☐ Residential ☒ Commercial

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	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Andy Saberi
1045 Airport Boulevard
S San Francisco CA,94080

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *609 4th Ave* APN: *034-188-160*

Property Owner Information	Tenant Information *(if not Property Owner)*
Name: ANDY'S BP, INC.	Name:
Address: 1045 AIRPORT BLVD.	Address:
City, State, Zip: S. SAN FRANCISCO, CA. 94080	City, State, Zip:
Telephone: 650-588-3088	Telephone:

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

Morey Gross Trust
525 4th Ave
San Mateo, CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *525 4th Ave* APN: *034-185-170*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: MOREY GROSS TRUST, M. Goldstein TRUSTEE	Name: VACANT
Address: 3 CAGOUV DRIVE, STE 400	Address:
City, State, Zip: REDWOOD CITY, CA 94065	City, State, Zip:
Telephone: 650-365-4646	Telephone:

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BY

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Ebrahim Trust Kaabipour
12600 Saratoga Ave
Saratoga CA,95070-000

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *706 4th Ave* APN: *033-167-140*

Property Owner Information
Name: KAABIPOUR TRUST
Address: 12600 SARATOGA AVE
City, State, Zip: SARATOGA CA 95070
Telephone: 408-455-3136

Tenant Information (*if not Property Owner*)
Name: DONG SHIN
Address: 706 E 4TH AVE
City, State, Zip: SAN MATEO CA
Telephone: 650-678-3574

Property Use: ☐ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

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CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Redevelopment Agency of The
330 W 20th Ave
San Mateo CA,94403-1338

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *480 4th Ave Unit A+B* APN: *034-183-060* *1

Property Owner Infor[redacted] (see + ...)
Name: R[redacted]
Address: _____
City, State, Zip: _____
Telephone: _____

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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Property Use: ☐ Residential ☒ Commercial *2

	Yes	No	
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒	
Is there a well on the Property?	☐	☐	unknown
Is there a basement on the Property?	☐	☐	unknown
Is there a sump on the Property that pumps groundwater?	☐	☐	unknown

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. **P**lease include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Property Owner Info:
Redevelopment Agency of The City of San Mateo
ATTN: Economic Development Manager
City of San Mateo
330 W 20th Ave.
San Mateo, CA 94403

Phone: 650 522-7240 - ask for Sandy Russell

*Additional Comments: _____

1) This site is commonly referred to as "The Kinko's Site" by many people familiar with the area

2) Site may become residential and needs to be cleaned to residential standards

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Neria B Trust Canonizado
210 Estates Drive
San Bruno CA,94066

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *509 4th Ave* APN: *034-185-150*

Property Owner Information
Name: Neria Canonizado
Address: 210 Estates Dr
City, State, Zip: San Bruno Ca 94066
Telephone: 650-867-0549

Tenant Information (*if not Property Owner*)
Name:
Address: — See attached —
City, State, Zip:
Teleph

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By

Property Use: ☐ Residential ☑ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☑ commercial
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☐	☑
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

check cashing Tel # 650 - 346-2987 501-509
La Piñata 343-6554 4th Ave
Isabel - Beauty Parlor 343-7232 San Mateo
Taqueria Restaurant 685-2602 Ca 94401
David Turney 235-0209

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

San Mateo Lumber
405 E 5th Ave
San Mateo,CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *405 E 5th Ave* APN: *033-281-010*

Property Owner Information
Name: [redacted] San Mateo Lumber Co
Address: [redacted] E Charmeran St
City, State: [redacted] San Mateo CA 94402
Telephone: [redacted] 342-6461

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☐
Is there a basement on the Property?	☐	☐
Is there a sump on the Property that pumps groundwater?	☐	☐

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

San Mateo Lumber
501 S Claremont Street
San Mateo, CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *501 S Claremont Street* APN: *033-282-380*

Property Owner Information
Name: SAN MATEO LUMBER CO
Address: 501 S CLAREMONT ST
City, State, Zip: SAN MATEO CA 94402
Telephone: 650 342-6406

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☐
Is there a basement on the Property?	☐	☐
Is there a sump on the Property that pumps groundwater?	☐	☐

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: Jim Harris GSWMCR SAN MATEO LOCO

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Mark A Trust Scafine
311 So Ellsworth
San Mateo CA,94401

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *603 5th Ave* APN: *034-189-100*

Property Owner Information
Name: MARK SCATINE
Address: 311 South Ellsworth
City, State, Zip: SAN MATEO, CA 94401
Telephone: 650 342 3030

Tenant Information (*if not Pro*
Name:
Address:
City, State, Zip:
Telephone:

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By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☐
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Legal Aid Society of San Mateo County
521 E 5th Ave
San Mateo CA,94402-1302

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: 521 E. 5th APN: 034-186-090

Property Owner Information
Name: Legal Aid Society of San Mateo County
Address: 521 E. 5th Avenue
City, State, Zip: San Mateo CA 94402
Telephone: (650) 558-0915

Tenant Information (*if not Property Owner*)
Name: N/A
Address:
City, State, Zip:
Telephone:

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JUL 21 2008
By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Dante Angelo Trust Figone
280 Leslie Court
Mountain View CA, 94043-3814

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *708 5th Ave* APN: *033-291-030*

Property Owner Information
Name: Dante Angelo Figone
Address: 280 Leslie Ct
City, State, Zip: Mtn View, CA. 94043
Telephone: (650) 961-3826

Tenant Information (*if not Property Owner*)
Name: Susan Heis & Deborah Misicka
Address: 708 5th Ave.
City, State, Zip: San Mateo, CA. 94402
Telephone: (650) 344-7847

Property Use: ☒ Residential ☐ Commercial

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JUL 16 2008
By

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: N/A
Well Diameter(s): _____
Well Depth(s): _____
Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: N/A
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

City of San Mateo
330 W 20th Ave
San Mateo CA,94403-1338

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

OESAN.

Street Address of Parcel Surveyed: _____ APN: *033-281-140*

Property Owner Information
Name: City of San Mateo
Address: Above
City, State, Zip: _____
Telephone: _____

Tenant Information *(if not Property Owner)*
Name: pending
Address: _____
City, State, Zip: _____
Telephone: _____

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AUG 15 2008
By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Mary Louise Perego
622 E 5th Ave
San Mateo CA,94402-1365

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: 622 E. 5th Ave San Mateo, Ca 94402 APN: 033-283-060

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: Mary Perego	Name:
Address: 622 E. 5th Ave	Address:
City, State, Zip: San Mateo Ca. 94402	City, State, Zip:
Telephone: 650 921-5763	Telephone:

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JUL 16 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

Kenge Takahashi Trust
221 Claremont Street
San Mateo,CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *221 Claremont Street* APN: *034-184-050*

Property Owner Information
Name: KENGE TAKAHASHI
Address: 221 SO. CLAREMONT ST
City, State, Zip: SAN MATEO CA 94401
Telephone: 650 343 0394

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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AUG 18 2008
By _____

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Redevelopment Agency of The City of San Mateo
330 W 20th Ave
San Mateo CA,94403-1338

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information - See response for APN 034-183-060

Street Address of Parcel Surveyed: _____ APN: 034-179-060 — does not appear on attached Map

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: _____	Name: _____
Address: _____	Address: _____
City, State, Zip: _____	City, State, Zip: _____
Telephone: _____	Telephone: _____

Property Use: ☐ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☐
Is there a basement on the Property?	☐	☐
Is there a sump on the Property that pumps groundwater?	☐	☐

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

Moor Talbot Partners Lp
445 S B Street
San Mateo,CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *445 S B Street* APN: *034-179-040*

Property Owner Information
Name: Moore Talbot Partners LP
Address: 445 So B Street
City, State, Zip: San Mateo Ca 94401
Telephone: 650-931-8100

Tenant Information (*if not Property Owner*)
Name: Talbots Toy Land
Address: 445 So B Street
City, State, Zip: San Mateo Ca, 94401
Telephone: 650-931-

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AUG 04 2008
By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

San Mateo West Lp
338 430 Fremont Street
San Mateo,CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *338 430 Fremont Street* APN: *033-164-160*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name:	Name: Wesley Jan
Address:	Address: ~~338~~ 338 S. Fremont #430
City, State, Zip:	City, State, Zip: San Francisco CA 9440
Telephone:	Telephone: [illegible]886

Property Use: ☒ Residential ☐ Commercial

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AUG 11 2008
By

	Yes	No	
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☐	
Is there a well on the Property?	☐	☒	
Is there a basement on the Property?	☐	☐	Below ground garage
Is there a sump on the Property that pumps groundwater?	☐	☐	Unknown.

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

William R Krone
417 S El Dorado Street
San Mateo CA,94402-1374

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: _____ APN: *108-950-020*

Property Owner Information
Name: William Krone
Address: 417 South Eldorado St
City, State, Zip: San Mateo, CA 94402
Telephone: (650) 343-8895

Tenant Information *(if not Property Owner)*
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

RECEIVED
JUL 16 2008
By _____

Property Use: ☐ Residential ☑ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☐
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☐	☑
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Claude & Mena Trusts Fadelli
P O Box 6417
San Mateo CA,94403

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *602 El Dorado Street* APN: *033-283-290*

Property Owner Information
Name: Claude Fadelli
Address: 2021 Stratford Way
City, State, Zip: San Mateo CA 94403
Telephone: 650 345-2553

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

RECEIVED
JUL 22 2008

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☐
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Randy Nasrah
524-526 So El Dorado Street
San Mateo CA,94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *524 El Dorado Street* APN: *033-283-100*

Property Owner Information
Name: Randy Nasrah & G[illegible] Burns
Address: 524 S El Dorado
City, State, Zip: San Mateo, CA 94402
Telephone: 415-250-0642

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

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AUG 04 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☐
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Michael & P K Trusts Pneumatikos
20840 Mcclellan Road
Cupertino CA,95014-2958

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *520 El Dorado Street* APN: *033-283-090*

Property Owner Information
Name: Michael & Patricia PNEUMATIKOS
Address: 20840 McClellan Road
City, State, Zip: Cupertino CA 95014
Telephone: (408) 253-5907

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

RECEIVED
JUL 18 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)? duplex	☒	☐
Is there a well on the Property?	☐	☒
Is there a basement on the Property? crawlspace	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Bernard L Edwards
415 S El Dorado Street #3
San Mateo CA,94402-1374

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: 415 ~~South~~ El Dorado St. APN: *108-950-030*

Property Owner Information
Name: Bernard Edwards
Address: 415 South El Dorado St.
City, State, Zip: San Mateo CA.
Telephone: 650-340-7214

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

RECEIVED
JUL 21 2008
By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

PUBLIC HEALTH ASSESSMENT

7/25/2008

Zhuo Yan & Xue Kai L Chen
600 S Delaware Street
San Mateo, CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *600 S Delaware Street* APN: *033-282-060*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: Zhuo Yan Chen, XUE KAI CHEN	Name:
Address: 600 S Delaware St	Address:
City, State, Zip: San Mateo CA 94402	City, State, Zip:
Telephone: (650) 343-2928	Telephone:

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APR 04 2008
BY

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒ [redacted]

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

Lucile Benedetti Trust (Lessor)
402 S Delaware Street
San Mateo, CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *402 S Delaware Street* APN: *034-186-110*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name:	Name: TAD'S 76
Address:	Address: 402 S. DELAWARE ST
City, State, Zip:	City, State, Zip: SAN MATEO, CA 94402
Telephone:	Telephone: 650-348-3127

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Sonny Trust Wu
605 S Delaware Street
San Mateo CA,94402-1356

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: _____ APN: *033-283-230*

Property Owner Information
Name: Sonny Wu
Address: 605 S. Delaware St.
City, State, Zip: San Mateo, CA 94402
Telephone: 650/579-5573

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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JUL 18 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Jeanette B Robinson
Po Box 6252
San Mateo CA,94403-0988

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *312 Delaware Street* APN: *034-185-030*

Property Owner Information
Name: Jeanette B. Robinson
Address: C/O P.O. Box 6252
City, State, Zip: San Mateo, CA 94403
Telephone: (650) 349-1906

Tenant Information (*if not Property Owner*)
Name: Various persons
Address: Drive by
City, State, Zip:
Telephone: Home

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JUL 16 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☑
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☐	☑
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: Small house - tenant occupied. Property Manager Phyllis A-Out Jan P.O. Box 6252 San Mateo CA 94403.

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

PUBLIC HEALTH ASSESSMENT

7/25/2008

Dan F Cesena
330 S Claremont Street
San Mateo,CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *330 S Claremont Street* APN: *034-182-050*

Property Owner Information
Name: Dan Cesena
Address: 232 Bonita Lane
City, State, Zip: Foster City CA 94404
Telephone: 650 349 5620

Tenant Information (*if not Property Owner*)
Name: Honda Hospital, Inc
Address: 330 S. Claremont st.
City, State, Zip: San Mateo, CA 9440)
Telephone: 650 342 8480

Property Use: ☐ Residential ☒ Commercial

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JUL 28 2008
By

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: Owner of property is also owner of business (tenant) If need to call please call (650) 342-8480.

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Greensprings Fellowship Trust
3510 Unocal Place #209
Santa Rosa CA,94503

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

PROPERTY SOLD 4/18/07

SECTION A: Property Information

Street Address of Parcel Surveyed: *311 Claremont Street* APN: *034-185-190*

Property Owner Information
Name: UNKNOWN
Address: _____
City, State, Zip: _____
Telephone: _____

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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JUL 31 2008
By

Property Use: ☐ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☐
Is there a basement on the Property?	☐	☐
Is there a sump on the Property that pumps groundwater?	☐	☐

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Greensprings Fellowship Trust
3510 Unocal Place #209
Santa Rosa CA,94503

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information PROPERTY SOLD 3/27/07

Street Address of Parcel Surveyed: 315 ??? APN: *034-185-200*

Property Owner Information
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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Property Use: ☐ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☐
Is there a basement on the Property?	☐	☐
Is there a sump on the Property that pumps groundwater?	☐	☐

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation



Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

James K Ouye
5613 Willowere Lane
San Diego CA,92130

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *304 Claremont Street* APN: *034-182-020*

Property Owner Information
Name: James K. Ouye
Address: 5613 Willowmere Ln.
City, State, Zip: San Diego Ca. 92130
Telephone: 858 755 2397

Tenant Information (*if not Pro*
Name:
Address:
City, State, Zip:
Telephone:

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2008
By

Property Use: ☐ Residential ☒ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Ida Ford
514 S Humboldt Street
San Mateo CA,94402-1343

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *518 Delaware Street* APN: *033-282-040*

Property Owner Information
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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JUL 16 2008
By _____

Property Use: ☐ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Ronald G & Rhonda L Baker
419 W Ellsworth Court
San Mateo CA,94401-2409

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Duplex

Street Address of Parcel Surveyed: ~~522~~ 526 *Delaware Street* APN: *033-282-050*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name:	Name:
Address: SOLD	Address: New Owners
City, State, Zip:	City, State, Zip:
Telephone:	Telephone: ?

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JUL 23 2008
By

Property Use: ☐ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☐
Is there a well on the Property?	☐	☐
Is there a basement on the Property?	☐	☐
Is there a sump on the Property that pumps groundwater?	☐	☐

Unknown

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

Unknown

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Unknown

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: Check county records for new owners and ask them these questions

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

~~Nicholas & Maria Zakharoff~~ Jeanette B. Robinson
Po Box 6252
San Mateo CA, 94403-0988

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *320 Delaware Street* APN: *034-185-050*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: Jeanette B. Robinson	Name: Various
Address: C/O P.O. Box 6252	Address:
City, State, Zip: San Mateo CA 94403	City, State, Zip: Occupied
Telephone: (650) 349-1906	Telephone: Residence

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a ~~multi-family complex (e.g. apartment building)~~ multiple individuals - rooming house?	☑	☐
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☑	☐
Is there a sump on the Property that pumps groundwater?	☑	☐

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CONTINUED ON THE OTHER SIDE

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SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: Sump pump in basement goes on in heavy rain.
Approximate gallons of water pumped from the sump each day: 2
Where is the water from the sump discharged? Into driveway

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: The basement does get some water in one end during heavy rains (not very often). At that time the pump should go on if water collects.
There is a test well on this driveway (a small capped opening). This was placed due to testing for Arco station at 3rd & Delaware.
Phyllis A. Outten.
Property Mgr.

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Derek T Daly
704 E 5th Ave
San Mateo CA,94402-000

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: 704 APN: 033-291-020

Property Owner Information
Name: DEREK DALY
Address: 704 E. 5th AVE
City, State, Zip: SAN MATEO CA 94402
Telephone: (650) 401-6839

Tenant Information (*if not Property Owner*)
Name:
Address:
City, State, Zip:
Telephone:

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JUL 17 2008
By

Property Use: ☑ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☑
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☑	☐
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: ☹ BASEMENT (PARTIAL) IN USE, INCLUDING POTABLE ITEMS.

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

7/25/2008

Arthur P & Ruth M Tresser Trusts
614 E 5th Ave
San Mateo, CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *614 E 5th Ave* APN: *033-283-040*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: Arthur Tresser	Name:
Address: 614 E. 5th Ave.	Address:
City, State, Zip: San Mateo, CA	City, State, Zip:
Telephone:	Telephone:

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

Daughter: 805-534-1279

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AUG 07 2008
By

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road, Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

James D & Teresa J Brey
604 E 5th Ave
San Mateo CA,94402-1365

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: _____ APN: *033-283-020*

Property Owner Information
Name: James D Brey / Teresa Jeanne Brey
Address: 604 E 5th Ave
City, State, Zip: San Mateo, CA 94402
Telephone: 650-343-2344

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

RECEIVED
JUL 16 2008
By _____

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property) - N/A

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater - N/A

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation



Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Richard T Hua
712 E 4th Ave
San Mateo CA,94401-3315

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: _____ APN: *033-167-100*

Property Owner Information
Name: Richard Hua
Address: 712 E. 4th Ave
City, State, Zip: San Mateo CA 94401
Telephone: (650) 579-2790

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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JUL 17 2008
By _____

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☒	☐

CONTINUED ON THE OTHER SIDE

Stantec

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: Rarely
Approximate gallons of water pumped from the sump each day: N/A
Where is the water from the sump discharged? Sewage pipes

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

PUBLIC HEALTH ASSESSMENT

7/25/2008

Julia J Tom
422 El Dorado Street
San Mateo,CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *422 El Dorado Street* APN: *034-189-050*

Property Owner Information
Name: LEO TOM
Address: 617 MORSE st
City, State, Zip: S.F. CA 94112
Telephone: (415) 627-8922

Tenant Information (*if not Property Owner*)
Name: GEORGE HERNANDEX
Address: 422 S. ELDORADO ST
City, State, Zip: SAN MATEO CA. 94402
Telephone: (925) 640-4665

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☐
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

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AUG 06 2008
By

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Lisa Krekorian
518 S El Dorado Street
San Mateo CA,94402-1328

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: 585 Eldorado St APN: 033-283-080

Property Owner Information
Name: Lisa Krekorian / John Welsm
Address: 518 S. Eldorado St
City, State, Zip: San Mateo CA
Telephone: 650 200 9402

Tenant Information (*if not Pr... ner*)
Name:
Address:
City, State, Zip:
Telephone:

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By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Thomas Allen Trust Muller
7383 Saroni Drive
Oakland CA,94611-1424

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *511 El Dorado Street* APN: *033-291-280*

Property Owner Information	Tenant Information (*if not Property Owner*)
Name: TOM MULLER	Name:
Address: 511-513 So. ELDORADO ST	Address:
City, State, Zip: SAN MATEO CA 94402	City, State, Zip:
Telephone: (510) 339-7421	Telephone:

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JUL 23 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☒	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☐	☒
Is there a sump on the Property that pumps groundwater?	☐	☒

Duplex

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: I AM INTERESTED IN THIS INFO. I HAVE A WELL & BASEMENT 3 BLKS AWAY ON SO. HUMBOLDT ST. THANK YOU.

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Leno Trust et al Freschet
500 Madera Drive
San Mateo CA,94403

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *514 Delaware Street* APN: *033-282-030*

Property Owner Information
Name: LENO FRESCHET TRUSTEE
Address: 514 So DELAWARE ST
City, State, Zip: SAN MATEO, CA 94402
Telephone: 650-345-6990

Tenant Information (*if not Property Owner*)
Name: NO TENANTS AT THIS TIME
Address: _____
City, State, Zip: _____
Telephone: _____

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JUL 17 2008
By

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

PUBLIC HEALTH ASSESSMENT

7/25/2008

Pearl Rango Trust
610 E 5th Ave
San Mateo, CA94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Tenant:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: *610 E 5th Ave* APN: *033-283-030*

Property Owner Information
Name: PEARL RANGO
Address: 610 E 5TH AVE
City, State, Zip: SAN MATEO, CA. 94402
Telephone: (650) 344-0806

Tenant Information *(if not Property Owner)*
Name:
Address:
City, State, Zip:
Telephone:

RECEIVED
JUL 31 2008
By

Property Use: ☑ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☑
Is there a well on the Property?	☐	☑
Is there a basement on the Property?	☑	☐
Is there a sump on the Property that pumps groundwater?	☐	☑

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Stantec

PUBLIC HEALTH ASSESSMENT

July 11, 2008

Jerry E Davis
421 South El Darado Street
San Mateo CA,94402

SUBJECT: POTENTIAL GROUNDWATER CONTAMINATION IN THE VICINITY OF *402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA*

Dear Property Owner/Resident:

San Mateo County Groundwater Protection Program (GPP) staff have requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of South Delaware Street and East Fourth Avenue in San Mateo. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the County that you have been contacted. Please only complete Section A if you do not have a well, basement, or a groundwater pumping sump. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Laura Sanchez at Stantec Consulting Corporation at (916) 384-0759, or Deno Milano of the San Mateo County Groundwater Protection Program at (650) 363-4972 if you have any questions or concerns regarding this questionnaire.

SECTION A: Property Information

Street Address of Parcel Surveyed: _____ APN: *033-167-060*

Property Owner Information
Name: Jerry Davis
Address: 421 S Eldorado
City, State, Zip: San Mateo CA 94402
Telephone: 650 619 9932

Tenant Information (*if not Property Owner*)
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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JUL 17 2008
By _____

Property Use: ☒ Residential ☐ Commercial

	Yes	No
Is the Property occupied by a multi-family complex (e.g. apartment building)?	☐	☒
Is there a well on the Property?	☐	☒
Is there a basement on the Property?	☒	☐
Is there a sump on the Property that pumps groundwater?	☐	☒

CONTINUED ON THE OTHER SIDE

SECTION B: (complete if a well exists on the Property)

Number of Wells: _____ Well Diameter(s): _____
Well Depth(s): _____ Pump Depth(s): _____
Well Casing Material: _____
Date(s) the well(s) were installed: _____
How frequently are the well(s) used? _____
Approximate gallons of water pumped during each well cycle: _____
What is the well water used for? ☐ Drinking ☐ Irrigation ☐ Other: _____

SECTION C: (complete if you have a sump on the Property which pumps groundwater

Frequency of use: _____
Approximate gallons of water pumped from the sump each day: _____
Where is the water from the sump discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks due to the importance of this issue. Again, please participate for your protection. Please include any comments you may have on the bottom of this page.

Sincerely,
Stantec Consulting Corporation

Laura Sanchez
Project Geologist
(916) 384-0759

Additional Comments: _____

Potential Tetrachloroethylene (PCE) Source Evaluation Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA, 94402, USA

San Mateo County LOP Case No. 110069
San Francisco Bay Regional Water Quality Control Board (Region 2) Case No. 41-0665

Antea Group Project No. I40256390

July 28, 2011

Prepared for:
Deno Milano
San Mateo County Health System - Groundwater Protection Program
2000 Alameda De Las Pulgas
Suite 100
San Mateo, CA 94404

Prepared by:
Antea™Group
312 Piercy Road
San Jose, CA 95138
+1 800 477 7411

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Potential Tetrachloroethylene (PCE) Source Evaluation Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, CA

1.0 INTRODUCTION

Antea™Group, formerly Delta Consultants (Delta), has prepared this *Potential PCE Source Evaluation Report* to address previously reported occurrences of tetrachloroethylene (PCE, perchloroethylene) at the 76 Service Station No. 6390, located at 402 Delaware Street, San Mateo, California (**Figure 1**). This report outlines the results of the work conducted according to Delta's October 29, 2010 *Potential Tetrachloroethylene (PCE) Source Evaluation Revised Work Plan* and subsequent correspondence. The current investigation was performed in order to: 1) assess the origin of PCE typically detected in groundwater monitoring wells on and downgradient of the site, and 2) define the lateral extent of residual hydrocarbons in saturated zone soils approximately 15 feet northeast and east of the existing underground storage tank (UST) cavity. Correspondence pertinent to the work plan and this investigation is provided in **Appendix A.**

In a letter dated June 25, 2009, the San Mateo County Groundwater Protection Program (GPP) initially requested that former and existing land use be evaluated at the site and in the site vicinity and that a scope of work be prepared to investigate possible source(s) of PCE based on findings of the land use survey. Additionally, the GPP suggested that the vertical and lateral extent of hydrocarbon-impacted, saturated soils be investigated approximately 15 feet northeast and east of the UST cavity.

On December 31, 2009 Delta submitted the *Potential Source Evaluation and Tetrachloroethylene (PCE) Work Plan*. The work plan presented findings of a previous and current land use survey in the site vicinity, and it proposed the installation of four groundwater monitoring wells (MW-16B, MW-17B, MW-18B and MW-19B). In a letter dated August 9, 2010, the GPP stated that they did not concur with proposed wells MW-16B, MW-18B or MW-19B, and requested submittal of a revised Work Plan.

On October 29, 2010, Delta submitted the *Potential Source Evaluation and Tetrachloroethylene (PCE) Revised Work Plan.* The revised work plan proposed the installation of wells MW-16, MW-16B and MW-17B, in addition to seven soil borings, SB-1 through SB-7. In their February 2011 letter, the GPP did not concur with the recommended installation of MW-16 and MW-16B due to concerns that PCE was not originating from the station, that the proposed well construction may produce a dry well, and since MW-14B was considered sufficient to assess PCE in the proposed area.

The following report provides a brief site description and history and summary of regional and site hydrogeologic conditions, and a summary of data gathered while advancing six additional soil borings (SB-1, SB-3 through SB-7)

and installation of one additional groundwater monitoring well (MW-17B). The locations of these borings and well are shown on **Figure 2**.

2.0 SITE LOCATION AND DESCRIPTION

The site is a rectangular shaped property, currently occupied by an active 76 Service Station, located on the south corner at the intersection of East Fourth Avenue and South Delaware Street in San Mateo, California. The station is located approximately one mile west of San Francisco Bay, at an elevation of approximately 20 feet above mean sea level (**Figure 1**). The site facilities currently include two fuel USTs located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (**Figure 2**). The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site during site upgrades in 1992 (Stantec 2008). A complete summary of the site's history is presented in **Appendix B.**

The site is located in a mixed commercial and residential area. The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East Fourth Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area (**Figure 3**).

There are seven existing or former gasoline service stations within ¼-mile of the site. The nearest residence is southwest of the site at 411 South Claremont approximately 50-feet southwest of the site. An apartment building is located at 603 East Fifth Avenue approximately 75-feet northeast of the site.

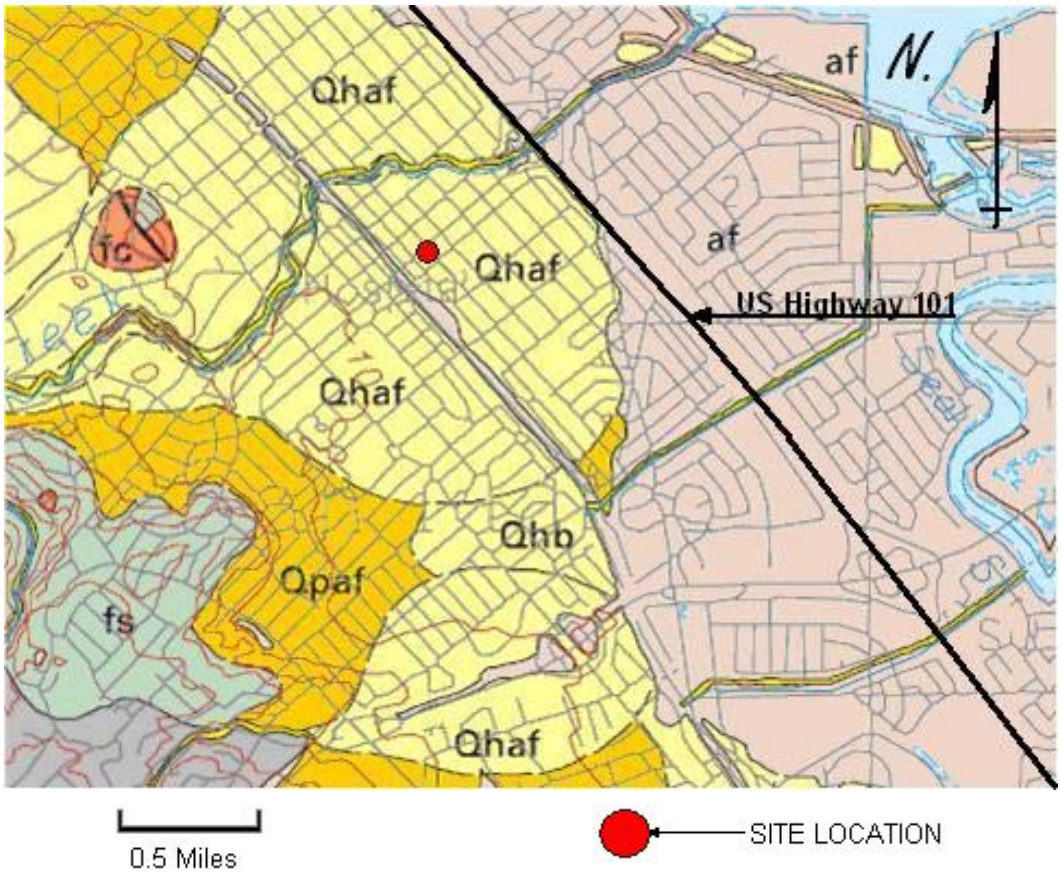
3.0 SITE SETTING

The following sections provide a summary of the regional geologic and hydrogeologic setting.

3.1 Regional Geologic Setting

The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay. The geologic map of the vicinity below shows that the site is underlain by alluvial fan and fluvial deposits (Qhaf). Near the edge of San Francisco Bay, the deposits consist of medium dense sands that fine upward to sandy or silty clay (E.E. Brabb, et al., 1998). Other deposits in the area are heterogeneous artificial fill (af) and basin deposits (Qhb) consisting of fine silty clay to clay deposits.

Geologic Map of Vicinity



GEOLOGY OF THE ONSHORE PART OF SAN MATEO COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE 98-137

3.2 Regional Hydrogeologic Setting

The site is located within the San Mateo Plain groundwater subarea, which is part of the larger South Bay Groundwater Basin. Groundwater throughout the area flows typically northeasterly, originating in the Santa Cruz Mountains to the west and flowing towards San Francisco Bay. The basin is composed of alluvial fan deposits formed by tributaries to San Francisco Bay. The water-bearing formations comprise two groups; the Santa Clara Formation of the older Plio-Pleistocene age and the Quaternary age alluvial deposits. The shallow alluvial deposits overlie the Santa Clara Formation and have a maximum depth of about 1,250-feet.

Quaternary age alluvium consists of sand, gravel, silt, and clay deposits that are about 100-feet thick and average about 60-feet thick. The Pliocene age San Mateo Formation consists of deposits of marine sand, gravel, silt, and clay, which are locally water-bearing (DWR 2003).

The prominent groundwater flow direction is to the east. A groundwater flow direction rose diagram for the site is included on **Figures 4 and 5**.

Stantec conducted a sensitive receptor survey within a ½-mile of the site between July 2008 and August 2008 (Stantec 2008). A detailed parcel survey was performed at a 500-foot radius surrounding the site. The parcel survey identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot radius. A field canvas by Stantec did not identify groundwater production wells, or accompanying facilities associated with groundwater production wells within the search radius. In addition, California Water Service Company, the primary water provider for the area, indicated that they did not have any water supply wells within ½-mile boundary of the survey area.

There is one surface water body identified within the limits of the ½ -mile survey. San Mateo Creek is located approximately 1,488-feet north of the site.

3.3 Site Hydrogeologic Conditions

Previous investigations have described subsurface soils as primarily clay and silt, with two potential groundwater bearing zones contained in sand and gravel layers with varying amounts of silt and clay. Fine grained deposits have been reported to extend to approximately 5 to 16 feet below ground surface (bgs). Silty sand and gravel layers were typically reported below this depth to approximately 15 to 25 feet bgs. An aquitard was reported by Stantec in 2008 at approximately 25 feet, with a thickness varying from 0.5 to 14 feet thick. A deeper groundwater bearing zone has been reported beneath this aquitard, at a depth ranging from approximately 18 to 13.5 feet bgs. Cross sections prepared in 2008 are included as **Appendix C**.

Similar deposits were noted in the current investigation. The aquitard described above appears to be semi-continuous across much of the site. To the west in the vicinity of off-site MW-2 (Endo Automotive) and SB-1, there does not appear to be a shallow coarse-grained zone. Geologic cross sections are presented as **Figures 6a, 6b and 6c**, and soils encountered in the current investigation are further described below in **Section 6.1**.

4.0 POTENTIAL SOURCES OF PCE

The following sections summarize past and recent research into the potential source(s) of PCE contamination in groundwater. Please refer to Delta's *Potential Tetrachloroethylene (PCE) Source Evaluation Revised Work Plan* dated October 29, 2010 for complete details regarding the recent PCE source investigation.

4.1 On Site

In 2009, Delta investigated potential sources of PCE. The only identified potential onsite source was a waste oil tank removed in 1992 in which two holes were observed (KEI 1992). PCE was reported in one soil sample (WO-1) collected beneath the tank at a concentration of 0.0064 milligrams per kilogram (mg/kg). Historical soil analytical data are presented in **Appendix D**.

A maximum of four data sets of PCE concentrations in groundwater have been accumulated between January 2007 and August 2008. Groundwater analyses for PCE and other halogenated volatile organic compounds (HVOCs) were discontinued based on comments in a GPP letter dated January 30, 2008, which indicated that further delineation

of the PCE source was not necessary since it appeared not to originate from the site. Thus, only limited PCE concentration data have been reported in wells MW-4, MW-6, MW-8A, MW-9, MW-12B, MW-13B, MW-14B, and MW-15B

In GPP's June 25, 2009 letter, HVOC sampling in the wells was again recommended based on reported concentrations in downgradient monitoring wells MW-12B and MW-13B. Groundwater samples from the January 2011 groundwater monitoring event were again tested for PCE, and no significant increases or decreases were noted in the data. Based on the limited data available, the PCE concentrations in groundwater at and downgradient of the site have been consistent in each well between 2007 and 2011 sampling events. Historical groundwater data are provided in **Appendix E**.

4.2 Off Site

A parcel search was performed in 2008 by Stantec and a Sanborn insurance map search was performed by Delta in 2009 to identify any former businesses or property uses which may have contributed to a PCE release. The following summarizes the results of those searches:

- The 76 Station property (subject site) has operated as a gasoline service station since 1972. Prior to this time, the property was residential.
- The property at 524 East 4th Avenue was identified as a gasoline service station in insurance maps from 1953 to 1969. Prior to this the land was a lumberyard, and currently the property is a Taco Bell restaurant and parking lot.
- Fourteen current or former dry cleaners were identified within a half mile upgradient (west) of the site. Three of the dry cleaners have active GPP cases related to the release of PCE.
- Seven gasoline service stations were identified within a quarter mile of the site, two of which were identified to be upgradient of the site.

As part of this *Potential PCE Source Evaluation Report*, Antea Group continued to search for possible offsite sources of PCE. Antea Group has found that there is an open assessment LUST cleanup site located west of the site (T. Endo Automotive, GPP Case No. 110008). Monitoring well MW-2 associated with that case is located approximately 100 feet west of off-site soil boring SB-1, or in the general up-gradient direction of the site. The well has not been monitored for HVOCs, including PCE, however, during three sampling events between September 2010 and March 2011 the analysis of TPH-G was flagged as "Atypical pattern: Gasoline value due to chlorinated compounds" by the laboratory. During the September and December 2010 sampling events, PCE in MW-2 was estimated at concentrations of 18.6 µg/L and 25.5 µg/L, respectively (Atlas Engineering Services Inc., 2011).

5.0 SCOPE OF WORK

The scope of work implemented in the current investigation consisted of two phases. The first phase was the advancement of soil borings SB-1, SB-3, SB-4, and SB-5 and the installation of MW-17B in order to evaluate PCE concentrations in soil and groundwater. The second phase involved the advancement of soil borings SB-6 and SB-7 to the west of the UST pit to evaluate the horizontal and lateral extent of hydrocarbon impacts in soil in the smear zone. Deviations from the approved scope of work included the following:

- Prior to the beginning of this investigation, the GPP requested that the initial sampling of well MW-17B be coordinated with the first quarter 2011 groundwater monitoring event. This did not occur because this investigation (and thus the scheduled installation of MW-17B) was delayed until the second quarter due to property access negotiations with the neighboring property to the west of the site for soil boring SB-5.
- Soil borings SB-1 and SB-2 were originally proposed to be advanced on the east side of Claremont Street to the west of the site. Attempts were made to install these borings on both the east and west sides of Claremont Street, but due to the high density of subsurface utilities, this was not possible. Boring SB-1 was placed on the private Taco Bell property northeast of the original proposed location. SB-2 was not drilled due to utility conflicts in the proposed location, and because additional definition was not required on the Taco Bell property.
- Soil boring SB-6 was drilled and sampled approximately three weeks after the completion of the other soil borings. The initial proposed location for soil boring SB-6 was on top of and adjacent to subsurface sewer, communication, fiber optic, and other unknown metal utilities. As the boring is located in South Delaware Street, a revised encroachment permit from the City of San Mateo was required.

The final locations of SB-1, SB-3 through SB-7, and MW-17B are shown on **Figure 2**. The results of the additional investigation and monitoring well and soil boring installations, data interpretation, and recommendations for future assessment and remedial actions are presented in the remainder of this report.

5.1 Pre Field Activities

Prior to initiation of field activities, Antea Group produced a Health and Safety Plan (HASP) in accordance with Title 8, Section 5192 of the California Code of Regulations. The HASP was reviewed daily by field personnel. Additionally, Antea Group obtained all necessary boring permits from the GPP. Copies of these permits are included as **Appendix F.** Additionally, Antea Group acquired encroachment permits from the City of San Mateo for working on Claremont Street, South Delaware Street, and East Fourth Avenue. Borehole clearance activities were carried out as outlined in Antea Group's Standard Operating Procedures presented as **Appendix G (**USA ticket number**s** 129729, 147317, 147323). All borings were cleared using an air knife, with the exception of SB-6, which was cleared with a hand auger due to the unavailability of an air knife rig on the day of drilling.

5.2 Monitoring Well Installation

One groundwater monitoring well (MW-17B) was installed at the site by Antea Group subcontractor Cascade Drilling (Cascade) under the supervision of Antea Group on May 19, 2011. Soil samples were collected continuously from MW-17B to a depth of approximately 30 feet bgs using direct push drilling equipment. The boring was then over drilled with eight-inch diameter hollow stem auger flights to a depth of 27 feet bgs for the installation of the well. Soil samples were logged and screened using the criteria outlined in **Appendix G.**

The well was constructed with six feet of screen from 21 to 27 feet bgs. Well construction details are denoted on the borings logs (**Appendix H)** and on **Table 1**.

5.3 Soil Borings

Six soil borings (SB-1, SB-3 through SB-7) were advanced at the site by Cascade, under the supervision of Antea Group, between May 17 and June 7, 2011. Soil borings were advanced as outlined in **Appendix G** using dual-tube direct push drilling methods to depths of 25 to 40 feet bgs (**Table 1**). Soil samples from the borings were continuously logged and screened. Grab groundwater samples were collected through temporary, one-inch diameter wells with five-foot intervals of pre-packed screen.

Soil samples collected during the advancement of each boring using a Geoprobe® sampling rod with 5-foot acetate liners. Samples were field screened for volatile organic compounds using a Photoionization Detector (PID). PID readings were recorded on the soil boring logs (**Appendix H**), and pertinent findings are discussed in Section 8.0, below. As part of the smear zone assessment, samples from SB-6 and SB-7 were screened at 6-inch intervals with the PID. Samples were chosen for laboratory submittal using the approved criteria in Delta's *Potential Tetrachloroethylene (PCE) Source Evaluation Revised Work Plan*. Soil samples were submitted at five-foot intervals to the bottom of each boring, and with an additional soil sample collected from 17 feet below grade to investigate a possible smear zone at that depth. Discrepancies from the work plan include:

- In boring SB-1, soil samples were not collected from depths of 15, 17, or 30 feet bgs due to poor sample recovery. Due to poor recovery, 2.5-foot sample runs were used in subsequent soil borings instead of 5-foot sampler drives; this mitigated the problem.

All soil samples collected from boring advancement and monitoring well installation activities were submitted to Pace Analytical (Pace), a California certified analytical laboratory (No. 01153CA), and analyzed for the following constituents:

- Total petroleum hydrocarbons – gasoline range organics (TPH-GRO), carbon chain range C_{05} – C_{12}, by California LUFT method;
- Benzene, toluene, ethylbenzene, total xylenes (collectively BTEX), methyl tertiary butyl ether (MTBE), tertiary-butyl alcohol (TBA), ethyl tertiary-butyl ether (ETBE), tertiary-amyl methyl ether (TAME), di-

isopropyl ether (DIPE), ethylene dibromide (EDB), ethanol, and 1,2-dicholoethane (1,2-DCA) by EPA Method 8260;

- Total 1,2 dichloroethene (1,2-DCE), cis-1,2 dichloroethene (cis-1,2-DCE), PCE, trichloroethylene (TCE), chloroform, and vinyl chloride by EPA Method 8260..

5.4 Grab Groundwater Sampling

Grab groundwater samples were collected from SB-1, SB-3, SB-4, SB-6, and SB-7 following boring advancement. Samples were collected using a temporary 1-inch schedule 40 PVC casing with a 5-foot pre-pack filter screen attached and placed at the bottom of each boring. The sampling interval in each soil boring was consistent with the materials and depths associated with "Zone B" groundwater. Procedures for grab groundwater sampling are contained in **Appendix G**.

Boring SB-5 was initially advanced to 30 feet bgs, at which depth the drilling crew attempted to collect a groundwater sample. After 35 minutes, no groundwater had entered into the boring, so the crew advanced the boring to 40 feet bgs, where another attempt to collect a groundwater sample was made. After approximately 20 minutes, no groundwater had gathered in the boring. No groundwater sample was collected from SB-5.

All grab groundwater samples collected from were submitted to Pace and analyzed for the following constituents:

- TPH-GRO, carbon chain range C_{05} – C_{12}, by California LUFT method; and
- BTEX, MTBE, TBA, ETBE, TAME, DIPE, EDB, ethanol, 1,2-DCA by EPA Method 8260.
- Total 1,2-DCE, cis-1,2-DCE, PCE, TCE, chloroform, and vinyl chloride by EPA Method 8260.

5.5 Monitoring Well Development

Under the supervision of Antea Group personnel, the newly installed monitoring well (MW-17B) was developed on May 27, 2011 by Cascade by surging and then bailing approximately 10 well casing volumes from the well, followed by purging via a submersible pump. In total, approximately 50 gallons of water were purged from the well. A well development log is included as **Appendix I**.

5.6 Monitoring Well Survey

The newly installed monitoring well (MW-17B) was surveyed on June 6, 2011, by Midcoast Engineers, under the supervision of Antea Group. Longitude and latitude were surveyed to North American Datum 83. The top of casing elevation was surveyed to North American Vertical Datum 88. The survey data have been included as **Appendix J.** As required by the State of California Water Resources Control Board, the survey information was also uploaded to Geotracker.

5.7 Monitoring Well Sampling

On June 7, 2011, newly installed monitoring well MW-17B was gauged and sampled for the first time. Groundwater samples were analyzed for:

- TPH-GRO, carbon chain range C_{05} – C_{12}, by California LUFT method;
- BTEX, MTBE, TBA, ETBE, TAME, DIPE, EDB, ethanol, 1,2-DCA by EPA Method 8260; and
- Total 1,2-DCE, cis-1,2-DCE, PCE, TCE, chloroform, and vinyl chloride by EPA Method 8260.

5.8 Disposal of Investigation Derived Waste

Nine drums were transported by Antea Group's waste management contractor Belshire Environmental Services, Inc. on June 20, 2011. Four drums of soil were transported to Soil Safe in Adelanto, California on July 6, 2011 and three purge/decontamination water drums were disposed at Demenno Kerdoon in Compton, California on June 27, 2011. The remaining two drums contained pavement debris, which is not a tracked waste stream. Debris is brought to a landfill or recycling center and is not reported by the waste hauler. Non Hazardous Waste Manifests for soil and groundwater generated during the investigation are presented as **Appendix K.**

6.0 INVESTIGATION RESULTS

The following sections discuss subsurface conditions and the distribution of PCE and petroleum hydrocarbons in soil and groundwater samples collected as part of this investigation.

6.1 Subsurface Conditions

Soils beneath the site consisted of primarily silt and clay and semi-continuous layers of sands and gravels with varying amounts of clay and silt to the total depth explored of 40 feet bgs. Coarse-grained layers vary from approximately 8 feet to less than a foot in thickness. It appears that two water bearing zones are present beneath the site, the upper Zone A extending from approximately 5 to 15 feet bgs, and the deeper Zone B beginning at approximately 15 to 25 feet bgs. Zone A is comprised mostly of clayey/silty sands, while Zone B has a greater amount of clean sands and gravels. Groundwater was typically encountered in the borings at depths ranging from 14 feet bgs (SB-4, SB-7 and MW-17B) to 21 feet bgs (SB-6). Wells that are screened in Zone A (MW-9, MW-10 and MW-11) have been consistently reported dry during groundwater monitoring events, with three exceptions in MW-9, including the first quarter 2011 sampling event. Zone A is believed to be a semi-continuous, seasonally perched water bearing zone, since the only groundwater samples collected from the zone have been in January or February. Geologic cross sections are presented on **Figures 6a, 6b and 6c**.

6.2 Soil Analytical Results

Soil sample analytical results are summarized in **Tables 2a and 2b** and shown on **Figure 4**. Certified laboratory analytical reports are included in **Appendix L**.

6.2.1 PCE Distribution in Soil

PCE was detected in soil samples upgradient of the site in soil borings SB-1, SB-4, and SB-5, and downgradient of the site in soil borings SB-6 and SB-7 at depths ranging between 15 and 40 feet below grade. No PCE detections were reported above the Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) of 0.37 mg/kg.

Detections of PCE in soil samples collected from on-site borings are consistent with detections in borings upgradient of the site, indicating that the source of the PCE in soil is likely upgradient of the subject site.

PCE is known to degrade to TCE, then DCE compounds, then to vinyl chloride and finally to ethene and ethane (EPA 1998). Additionally, chloroform is a common compound used in dry cleaning. In addition to PCE, soil samples were analyzed for chlorinated solvents including TCE, total 1,2-DCE, cis-1,2-DCE and chloroform.

Cis-1,2-DCE, TCE and chloroform were all reported above laboratory reporting limits in SB-7, though no concentrations were above their respective ESLs. The presence of cis 1,2-DCE and TCE indicate that PCE appears to be degrading by the time it reaches the site.

6.2.2 Smear Zone Evaluation

Soil borings SB-6 and SB-7 were advanced approximately 15 feet east and southeast of the UST complex to investigate residual petroleum concentrations in soil. Soil samples collected from SB-6 and SB-7 show the presence of TPH-GRO and BTEX in soil between 15 and 25 feet below grade. MTBE was detected only in the soil sample SB-6d15, at a concentration of 0.0099 mg/kg, which is below the ESL of 0.023 mg/kg.

Soil samples from SB-6 show minimal residual impact in soil in the smear zone between 15 and 20 feet below grade. Soil samples in boring SB-7 show remaining hydrocarbon impacts between 15 and 20 feet below grade, with TPH-GRO concentrations above ESLs, ranging from 1,330 mg/kg (SB-7d15) to 4,900 mg/kg (SB-7d20), and benzene concentrations above ESLs, ranging from 0.066 mg/kg (SB-7d17) to 0.80 mg/kg (SB-7d20). The soil impacts in boring SB-7 indicate that residual soil impacts remain in soil southeast of the UST complex, and exceedance of the ESLs was limited to soil samples between 15 and 20 feet below grade.

PID readings were recorded every 1/2-foot through the smear zone in SB-6 and SB-7 (Appendix H). Elevated PID readings were observed in SB-6 and SB-7 from approximately 15 to 21 feet bgs and 12 to 24 feet bgs, respectively, with maximum PID readings at 17 feet bgs (3,639 parts per molar volume [ppmv]) in SB-6 and 19.5 feet (3,687 ppmv) in SB-7. PID readings appear to be consistent with reported soil concentrations shown in the table below.

Sample ID	Date Sampled	Sample Depth (fbg)	TPH-GRO (mg/kg)	BTEX				MTBE (mg/kg)
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	
SB-6d6	6/7/2011	6	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042
SB-6d10	6/7/2011	10	<0.25	<0.0030	<0.0030	<0.0030	<0.0089	<0.0030
SB-6d15	6/7/2011	15	**57.4**	**0.087**	**2.4**	**1.6**	**9.1**	**0.0099**
SB-6d17	6/7/2011	17	**21.6**	<0.0024	<0.0024	**0.087**	**0.42**	<0.0024
SB-6d20	6/7/2011	20	**0.21**	<0.0024	<0.0024	**0.0026**	**0.014**	<0.0024
SB-6d25	6/7/2011	25	<0.25	<0.0030	<0.0030	<0.0030	<0.0091	<0.0030
SB-6d30	6/7/2011	30	<0.24	<0.0028	<0.0028	<0.0028	<0.0085	<0.0028
SB-7d10	5/17/2011	10	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036
SB-7d15	5/17/2011	15	**1,330**	**0.039**	**0.081**	**21.4**	**116**	<0.0025
SB-7d17	5/18/2011	17	**1,790**	**0.066**	<0.042	**35.6**	**204**	<0.0027
SB-7d20	5/18/2011	20	**4,900**	**0.80**	**87.2**	**127**	**721**	<0.040
SB-7d25	5/18/2011	25	**0.43**	<0.0034	**0.015**	**0.0081**	**0.048**	<0.0034
CRWQCB ESLs			**83**	**0.044**	**2.9**	**2.3**	**2.3**	**0.023**

6.3 Groundwater Analytical Results

Grab groundwater samples were collected from soil borings SB-1, SB-3, SB-4, SB-6, and SB-7. Additionally, monitoring well MW-17B was purged and sampled following installation and development. Groundwater sample analytical results are summarized in **Tables 3a and 3b** and shown on **Figure 5**. Certified laboratory analytical reports are included in **Appendix L**.

6.3.1 PCE Distribution in Groundwater

PCE was detected in all groundwater samples collected in this investigation. Groundwater samples collected from upgradient soil borings SB-1, SB-3, and SB-4 establish background PCE concentrations ranging from 1.9 micrograms per liter (µg/l) to 38.9 µg/l. The presence of PCE in groundwater from upgradient borings indicates the possibility of an upgradient source to the west or northwest of the site, assuming groundwater flow in the vicinity is consistent with that onsite.

The highest concentration of PCE detected in groundwater samples collected during this investigation was 103 µg/L from downgradient soil boring SB-6. This concentration is similar to those that have been reported in groundwater samples collected from the monitoring wells and grab samples on and in the vicinity or upgradient of the subject site. It should be noted that this concentration may be anomalous since the groundwater sample was collected through a temporary well in a soil boring rather than a permanent well. This could be caused by sediment content in the sample, lack of purging, temporary well screen depth, a poor seal by the dual tube sampler, or other factors.

The presence of PCE breakdown products total 1,2-DCE, c-1,2-DCE, and TCE in groundwater collected from borings SB-1, SB-6 and SB-7 indicates that the PCE plume in the site vicinity has undergone some degradation. Chloroform is a compound often used in commercial dry cleaning, which is not a breakdown product of PCE. Its presence in borings SB-1, SB-4 and SB-6 indicates the groundwater contaminant plume in the site vicinity contains other compounds used in commercial dry cleaning.

Sample ID	Sample Date	PCE (µg/L)	TCE (µg/L)	(Total) 1,2 DCE (µg/L)	Cis 1,2 DCE (µg/L)	Chloroform (µg/L)	Location
SB-1	5/18/11	**38.9**	**4.7**	**15.0**	**15.0**	**4.8**	Up Gradient
SB-3	5/18/11	**1.9**	<1.0	<2.0	<1.0	<1.0	Up Gradient
SB-4	5/18/11	**11.9**	<1.0	<2.0	<1.0	**2.7**	Up Gradient
SB-6	6/7/11	**103**	**15.2**	**16.2**	**16.2**	**2.2**	Down Gradient
SB-7	5/18/11	**6.7**	**3.4**	**3.4**	**3.4**	<1.0	Down Gradient
MW-17B	6/7/11	**9.3**	<1.0	<2.0	<1.0	**1.0**	On Site
ESL	--	**5.0**	**5.0**	**--**	**6.0**	**70**	--

6.3.2 Hydrocarbon Distribution in Groundwater

Analytes were detected above their respective ESLs in grab groundwater samples collected from soil borings SB-1, SB-6 and SB-7. The table below compares analyte concentrations reported in groundwater samples collected from SB-1, SB-6 and SB-7 to ESLs.

Sample ID	Date Sampled	TPH-GRO (µg/L)	BTEX				MTBE (µg/L)	TBA (µg/L)
			Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)		
SB-1	05/18/11	**111**	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0
SB-6	06/07/11	**45,800**	**40.5**	**1,230**	**1,420**	**7,430**	**1.5**	<5.0
SB-7	05/18/11	**166,000**	**2,790**	**15,600**	**4,080**	**21,000**	**1,160**	**2950**
CRWQCB ESLs		**100**	**1.0**	**40**	**30**	**20**	**5.0**	**12**

7.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

Antea Group performed a QA/QC data validation check on the certified laboratory soil and grab groundwater analytical reports for the current investigation. Certified laboratory reports from Pace and lab validation forms completed by Antea Group are contained in **Appendix L.** The following laboratory data qualifiers were noted individual samples and on laboratory control samples:

- C0 - Result confirmed by second analysis. This data qualifier was noted on the analysis of vinyl chloride in the sample SB-7d20.

- D6 - The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits. The data qualifier was noted on the matrix spike/matrix spike duplicate (MS/MSD) samples 72635 and 72636 for the analysis of TBA. The high RPD in the MS set impacts the precision of the TBA result, however TBA was not detected in the sample; therefore, the quality of the result should not be affected.
- L2 - Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. This data qualifier was noted on laboratory control sample (LCS) 72205 for the analysis vinyl chloride, and in the sample SB-7d20 for the analysis of vinyl chloride.
- L3 - Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. This data qualifier was noted on LCS 72638for the analysis of TBA, and in the COMP ABCD sample for 1,2-DCE and ethanol.
- M0 - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits. This data qualifier was noted on MS/MSD samples 72531 and 72532 for the analysis of vinyl chloride and MS/MSD 72771 and 72772 for 1,2-DCE and ethanol. The low recovery in the MS set creates a potential low bias in the result, however the parent sample was a quality control sample, not part of this project. Therefore, the quality of the data should not be affected.
- M1 - Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. This data qualifier was noted on the sample MW-17Bd17 for the analysis of TAME, and on sample SB-6 for the analysis of TPH-GRO. This was also noted on several MS/MSD samples for multiple analyses.
- S5 - Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). This data qualifier was noted on surrogates on samples SB-7, SB-7d17, and SB-7d20. Certain analytes from sample SB-7 may be biased low, while some analytes from samples SB-7d17 and SB-7d20 may be biased high.
- S2 - Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis). This data qualifier was noted on MS/MSD samples 74459 and 74460.
- R1 – Relative percentage difference (RPD) was outside control limits. This data qualifier was noted on lead MS/MSD in the COMP ABCD sample, however the MS/MSD was not run on a sample from this project, so results are considered valid.

All pertinent data qualifiers have been noted on **Tables 2a** through **3b.**

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this investigation, Antea Group has concluded the following:

- The site subsurface consists of a discontinuous perched water bearing zone (Zone A) from approximately 5 to 15 feet bgs, and a lower continuous water bearing zone (Zone B) below approximately 15 to 25 feet bgs. Water zones are generally separated by a clay/silt layer of varying thickness.
- Groundwater and soil samples collected from upgradient soil borings SB-1, SB-3, and SB-4, as well as past groundwater results from up-gradient monitoring well MW-2 associated with the T. Endo Automotive LUST case, indicate that there is an upgradient source of PCE affecting groundwater and soil in the area of the subject site. Antea Group has identified several upgradient sites that may be possible contributors to PCE in the region.
- Upgradient of the station in SB-1 and SB-4, PCE was reported in groundwater at concentrations exceeding the ESL of 5.0 µg/l. Background groundwater quality in the site vicinity currently does not meet standards for drinking water.
- Based on PID profiles and soil samples analyzed from borings SB-6 and SB-7, residual petroleum-impacted soils remain to the east of the current fuel UST complex, and a smear zone is present between 15 and 21 feet bgs. Hydrocarbon impacted soil in this area is vertically defined by less-than ESL and non-detect concentrations below 25 feet below grade. Based on these results, soils in this area may become part of a target area for future soil remediation.
- Elevated concentrations of hydrocarbons were detected in grab groundwater samples collected from soil borings SB-6 and SB-7. These groundwater samples were collected with temporary well screens set between 20-30 feet below grade, similar to the depth interval of the "deep," or Zone B site wells. Petroleum impacted groundwater in this area extends beyond the site into South Delaware Street and contaminant plumes are defined to low and non-detect concentrations to the east and southeast (downgradient) by deep wells MW-4, MW-12B, and MW-15B.

Based upon the findings of this investigation, Antea Group recommends the following:

- Due to the widespread presence of PCE in groundwater and soil upgradient of the site (at similar concentrations to those found in samples collected onsite and downgradient and exceeding the groundwater ESLs), Antea Group recommends discontinuing any further onsite and downgradient PCE evaluations. Additionally, Antea Group recommends that chlorinated solvents (HVOCs) be removed from the analytical parameter list in the site's groundwater monitoring program.
- Antea Group recommends the addition of MW-17B to the sites current Semi Annual groundwater monitoring and sampling program.
- Based upon the magnitude of petroleum hydrocarbon impacted soil in soil boring SB-7 and the extent of impacted groundwater beyond the site to the east and southeast, Antea Group recommends preparation of a remedial action investigation work plan. The work plan will also address elevated soil and groundwater concentrations in the vicinity of well MW-6. Based upon soil samples collected in soil boring SB-6, soil remediation is not recommended to the east of the UST complex in Delaware Street.

9.0 REMARKS

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

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Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature follows.

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STATE OF CALIFORNIA

cc: GeoTracker (upload)

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Tables

Table 1 Soil Boring and Well Construction Details

Table 2a Soil Sample Analytical

Table 2b Additional Soil Sample Analytical Data

Table 3a Groundwater Analytical Data

Table 3b Additional Groundwater Analytical Data

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 7/5/2011

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	1.0 to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/24/1994	20.69	28.0	8.5	28.0	2	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.02	27.0	8.5	27.0	2	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Intermediate zone
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.07	20.0	8.0	19.0	2	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Shallow Zone
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Deep Zone
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Deep Zone
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Shallow Zone
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Shallow Zone
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Shallow Zone
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Deep; Steel conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Deep; Steel conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Deep Zone
MW-15B	8/7/2008	19.12	29.0	8.0	27.5	2	PVC	0.020	16.0 to 27.5	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Deep Zone
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.73	30.0	8.0	27.0	2	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Deep Zone
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	PVC	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	PVC	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	PVC	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen

Notes:

ft = feet

in = inches

TOC = Top of Casing

NSVD = not surveyed

bgs = below ground surface

NA = not applicable

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying

MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying

MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers

MW-17B - June 6, 2011 by Mid Coast Engineers

TABLE 2a
SOIL SAMPLE ANALYTICAL DATA

76 Service Station No. 6390
402 S. Delaware
San Mateo, California

Sample ID	Date Sampled	Sample Depth (feet below grade)	TPH-GRO[1] (mg/kg)	BTEX[2]				MTBE[2] (mg/kg)	1,2 DCA[2] (mg/kg)	EDB[2] (mg/kg)	DIPE[2] (mg/kg)	TAME[2] (mg/kg)	ETBE[2] (mg/kg)	Ethanol[2] (mg/kg)	TBA[2] (mg/kg)
				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)								
SB-1d5	5/18/2011	5	<0.18	<0.0022	<0.0022	<0.0022	<0.0066	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.011
SB-1d10	5/18/2011	10	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.013
SB-1d20	5/18/2011	20	<0.18	<0.0022	<0.0022	<0.0022	<0.0065	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.011
SB-1d25	5/18/2011	25	<0.21	<0.0025	<0.0025	<0.0025	<0.0076	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.34	<0.013
SB-3d5	5/18/2011	5	<0.19	<0.0022	<0.0022	<0.0022	<0.0067	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.30	<0.011
SB-3d10	5/18/2011	10	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.013
SB-3d15	5/18/2011	15	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.012
SB-3d17	5/18/2011	17	<0.26	<0.0031	<0.0031	<0.0031	<0.0093	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.016
SB-3d20	5/18/2011	20	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.012
SB-3d25	5/18/2011	25	<0.31	<0.0026	<0.0026	<0.0026	<0.0077	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.34	<0.013
SB-3d30	5/18/2011	30	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.012
SB-4d10	5/18/2011	10	<0.24	<0.0029	<0.0029	<0.0029	<0.0086	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.38	<0.014
SB-4d15	5/18/2011	15	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.013
SB-4d17	5/18/2011	17	<0.34	<0.0041	<0.0041	<0.0041	<0.012	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.54	<0.020
SB-4d20	5/18/2011	20	<0.25	<0.0031	<0.0031	<0.0031	<0.0092	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.015
SB-4d24	5/18/2011	24	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.012
SB-4d30	5/18/2011	30	<0.17	<0.0021	<0.0021	<0.0021	<0.0063	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.28	<0.010
SB-5d5	5/19/2011	5	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.021
SB-5d10	5/19/2011	10	<0.28	<0.0034	<0.0034	<0.0034	<0.010	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.017
SB-5d15	5/19/2011	15	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.018
SB-5d17	5/19/2011	17	<0.28	<0.0033	<0.0033	<0.0033	<0.010	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.44	<0.017
SB-5d20	5/19/2011	20	<0.22	<0.0026	<0.0026	<0.0026	<0.0079	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.35	<0.013
SB-5d25	5/19/2011	25	<0.20	<0.0025	<0.0025	<0.0025	<0.0074	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.012
SB-5d30	5/19/2011	30	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.012
SB-5d35	5/19/2011	35	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.12
SB-5d40	5/19/2011	40	<0.26	<0.0032	<0.0032	<0.0032	<0.0095	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.42	<0.016

TABLE 2a
SOIL SAMPLE ANALYTICAL DATA

76 Service Station No. 6390
402 S. Delaware
San Mateo, California

Sample ID	Date Sampled	Sample Depth (feet below grade)	TPH-GRO[1] (mg/kg)	BTEX[2] Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE[2] (mg/kg)	1,2 DCA[2] (mg/kg)	EDB[2] (mg/kg)	DIPE[2] (mg/kg)	TAME[2] (mg/kg)	ETBE[2] (mg/kg)	Ethanol[2] (mg/kg)	TBA[2] (mg/kg)
SB-6d6	6/7/2011	6	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.021
SB-6d10	6/7/2011	10	<0.25	<0.0030	<0.0030	<0.0030	<0.0089	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.40	<0.015
SB-6d15	6/7/2011	15	**57.4**	**0.087**	**2.4**	**1.6**	**9.1**	**0.0099**	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.012
SB-6d17	6/7/2011	17	**21.6**	<0.0024	<0.0024	**0.087**	**0.42**	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.012
SB-6d20	6/7/2011	20	**0.21**	<0.0024	<0.0024	**0.0026**	**0.014**	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.012
SB-6d25	6/7/2011	25	<0.25	<0.0030	<0.0030	<0.0030	<0.0091	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.41	<0.015
SB-6d30	6/7/2011	30	<0.24	<0.0028	<0.0028	<0.0028	<0.0085	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.0028	<0.38	<0.014
SB-7d10	5/17/2011	10	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.018
SB-7d15	5/17/2011	15	**1,330**	**0.039**	**0.081**	**21.4**	**116**	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.012
SB-7d17	5/18/2011	17	**1,790** S5*	**0.066** S5*	<0.042 S5*	**35.6** S5*	**204** S5*	<0.0027 S5*	<0.0027 S5*	<0.0027 S5*	<0.0027 S5*	<0.0027 S5*	<0.0027 S5*	<0.35 S5*	<0.013 S5*
SB-7d20	5/18/2011	20	**4,900** S5	**0.80** S5	**87.2** S5	**127** S5	**721** S5	<0.040 S5	<0.040 S5	<0.040 S5	<0.080 S5	<0.080 S5	<0.080 S5	<8.0 S5	<0.40 S5
SB-7d25	5/18/2011	25	**0.43**	<0.0034	**0.015**	**0.0081**	**0.048**	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.017
MW-17Bd5	5/19/2011	5	<0.19	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.011
MW-17Bd10	5/19/2011	10	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.012
MW-17Bd15	5/19/2011	15	<0.21	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.012
MW-17Bd17	5/19/2011	17	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024 M1	<0.0024	<0.32	<0.012
MW-17Bd20	5/19/2011	20	<0.21	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.011
MW-17Bd25	5/19/2011	25	<0.33	<0.0032	<0.0032	<0.0032	<0.0097	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.43	<0.016
MW-17Bd30	5/19/2011	30	<0.22	<0.0027	<0.0027	<0.0027	<0.0080	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.35	<0.013
CRWQCB ESLs (Potential Drinking Water Resource):			**83**	**0.044**	**2.9**	**2.3**	**2.3**	**0.023**	**0.0045**	**0.00033**	--	--	--	--	**0.075**

Notes:

<	Denotes less than the Practical Quantitation Limit (PQL)	ESL	Environmental screening level
--	Not applicable / measured	GW	Groundwater
mg/kg	Milligrams per kilogram	MTBE	Methyl tertiary butyl ether
CRWQCB	California Regional Water Quality Control Board	PQL	Practical Quantitation Limit
EPA	U.S. Environmental Protection Agency	TPH-GRO	Total petroleum hydrocarbons as gasoline range organics
TBA	Tert butyl alcohol	TOC	Top of casing
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl Tert Butyl Ether
EDB	1,2-Dibromoethane		
DIPE	Diisopropyl Ether		
TAME	Tert Amyl Methyl Ether		
1	Analyzed by method CA LUFT		
2	Analyzed by EPA Method 8260B.		

Laboratory Data Qualifiers:

S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S)
S5 *	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S) and 4-Bromofluorobenzene (S)
S5 **	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on dibromofluorobenzene (S)
M1	Matrix spike recovery exceeded QC limits. Batch excepted based on laboratory control sample (LCS) recovery.

TABLE 2b
ADDITIONAL SOIL SAMPLE ANALYTICAL DATA

76 Service Station No. 6390
402 S. Delaware
San Mateo, California

Sample ID	Date Sampled	Sample Depth (feet below grade)	(Total) 1,2 Dichloroethene [2] (mg/kg)	cis- 1,2 Dichloroethene [2] (mg/kg)	Tetrachloroethene[2] (mg/kg)	Trichloroethene[2] (mg/kg)	Chloroform[2] (mg/kg)	Vinyl Chloride[2] (mg/kg)
SB-1d5	5/18/2011	5	<0.0044	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022
SB-1d10	5/18/2011	10	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
SB-1d20	5/18/2011	20	<0.0044	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022
SB-1d25	5/18/2011	25	<0.0051	<0.0025	**0.0083**	<0.0025	<0.0025	<0.0025
SB-3d5	5/18/2011	5	<0.0045	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022
SB-3d10	5/18/2011	10	<0.0054	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027
SB-3d15	5/18/2011	15	<0.0048	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024
SB-3d17	5/18/2011	17	<0.0062	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031
SB-3d20	5/18/2011	20	<0.0048	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024
SB-3d25	5/18/2011	25	<0.0051	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026
SB-3d30	5/18/2011	30	<0.0047	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
SB-4d10	5/18/2011	10	<0.0057	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029
SB-4d15	5/18/2011	15	<0.0054	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027
SB-4d17	5/18/2011	17	<0.0082	<0.0041	**0.0050**	<0.0041	<0.0041	<0.0041
SB-4d20	5/18/2011	20	<0.0061	<0.0031	**0.0041**	<0.0031	<0.0031	<0.0031
SB-4d24	5/18/2011	24	<0.0049	<0.0024	**0.0060**	<0.0024	<0.0024	<0.0024
SB-4d30	5/18/2011	30	<0.0042	<0.0021	**0.0030**	<0.0021	<0.0021	<0.0021
SB-5d5	5/19/2011	5	<0.0085	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
SB-5d10	5/19/2011	10	<0.0068	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
SB-5d15	5/19/2011	15	<0.0071	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
SB-5d17	5/19/2011	17	<0.0067	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
SB-5d20	5/19/2011	20	<0.0053	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026
SB-5d25	5/19/2011	25	<0.0049	<0.0025	**0.0037**	<0.0025	<0.0025	<0.0025
SB-5d30	5/19/2011	30	<0.0048	<0.0024	**0.0093**	<0.0024	<0.0024	<0.0024
SB-5d35	5/19/2011	35	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
SB-5d40	5/19/2011	40	<0.0064	<0.0032	**0.0037**	<0.0032	<0.0032	<0.0032

TABLE 2b
ADDITIONAL SOIL SAMPLE ANALYTICAL DATA

76 Service Station No. 6390
402 S. Delaware
San Mateo, California

Sample ID	Date Sampled	Sample Depth (feet below grade)	(Total) 1,2 Dichloroethene [2] (mg/kg)	cis- 1,2 Dichloroethene [2] (mg/kg)	Tetrachloroethene[2] (mg/kg)	Trichloroethene[2] (mg/kg)	Chloroform[2] (mg/kg)	Vinyl Chloride[2] (mg/kg)
SB-6d6	6/7/2011	6	<0.0085	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042
SB-6d10	6/7/2011	10	<0.0060	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
SB-6d15	6/7/2011	15	<0.0047	<0.0023	**0.0052**	<0.0023	<0.0023	<0.0023
SB-6d17	6/7/2011	17	<0.0049	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024
SB-6d20	6/7/2011	20	<0.0049	<0.0024	**0.031**	<0.0024	<0.0024	<0.0024
SB-6d25	6/7/2011	25	<0.0061	<0.0030	**0.0097**	<0.0030	<0.0030	<0.0030
SB-6d30	6/7/2011	30	<0.0057	<0.028	**0.015**	<0.028	<0.028	<0.028
SB-7d10	5/17/2011	10	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036
SB-7d15	5/17/2011	15	<0.0049	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
SB-7d17	5/18/2011	17	<0.0053 S5*	<0.0027 S5*	**0.0061** S5*	<0.0027 S5*	<0.0027 S5*	<0.0027 S5*
SB-7d20	5/18/2011	20	NA S5	<0.040 S5	<0.040 S5	<0.040 S5	**0.19** S5	<0.040 CO, L2, S5
SB-7d25	5/18/2011	25	<0.0068	**0.0042**	**0.049**	**0.0048**	<0.034	<0.034
MW-17Bd5	5/19/2011	5	<0.0046	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
MW-17Bd10	5/19/2011	10	<0.0047	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
MW-17Bd15	5/19/2011	15	<0.0048	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024
MW-17Bd17	5/19/2011	17	<0.0048	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024
MW-17Bd20	5/19/2011	20	<0.0045	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
MW-17Bd25	5/19/2011	25	<0.0064	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
MW-17Bd30	5/19/2011	30	<0.0053	<0.0027	**0.026**	<0.0027	<0.0027	<0.0027
CRWQCB ESLs (Potential Drinking Water Resource):			-	**0.19**	**0.70**	**0.46**	**2.10**	**0.085**

Notes:

<	Denotes less than the Practical Quantitation Limit (PQL)
--	Not applicable / measured
mg/kg	Milligrams per kilogram
CRWQCB	California Regional Water Quality Control Board
EPA	U.S. Environmental Protection Agency
NA	Not Analyzed

2	Analyzed by EPA Method 8260B.

Laboratory Data Qualifiers:

S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S)
S5 *	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S) and 4-Bromofluorobenzene (S)
CO	Result confirmed by second analysis.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

TABLE 3a
Groundwater Sample Analytical Data

76 Service Station No. 6390
402 S. Delaware
San Mateo, California

Sample ID	Date * Sampled	TPH-GRO[1] (µg/L)	BTEX[2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE[2] (µg/L)	1,2-DCA[2] (µg/L)	EDB[2] (µg/L)	DIPE[2] (µg/L)	TAME[2] (µg/L)	ETBE[2] (µg/L)	Ethanol[2] (µg/L)	TBA[2] (µg/L)
SB-1	05/18/11	**111**	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<250	<5.0
SB-3	05/18/11	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<250	<5.0
SB-4	05/18/11	<50.0	**0.54**	<0.50	<0.50	<1.5	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<250	<5.0
SB-5	NS	NS	**NS**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SB-6	06/07/11	**45,800** M1	**40.5**	**1,230**	**1,420**	**7,430**	**1.5**	<1.0	<1.0	<0.50	<0.50	<0.50	<250	<5.0
SB-7	05/18/11	**166,000** S5**	**2,790** S5**	**15,600** S5**	**4,080** S5**	**21,000** S5**	**1,160** S5**	<1.0 S5**	<1.0 S5**	<0.50 S5**	**2.0** S5**	<0.50 S5**	<250 S5**	**2950** S5**
MW-17B	06/07/11	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<250	<5.0
CRWQCB ESLs		**100**	**1.0**	**40**	**30**	**20**	**5.0**	**0.5**	**0.05**	--	--	--	--	**12**

Notes:

<	Denotes less than the Practical Quantitation Limit (PQL)	ESL	Environmental screening level
--	Not applicable / measured	GW	Groundwater
µg/L	Micrograms per liter	MTBE	Methyl tertiary butyl ether
1,2-DCA	1,2-Dichloroethane	PQL	Practical Quantitation Limit
CRWQCB	California Regional Water Quality Control Board	TPH-GRO	Total petroleum hydrocarbons as gasoline range organics
EPA	U.S. Environmental Protection Agency	EDB	1,2-Dibromoethane
TBA	Tert butyl alcohol	TOC	Top of casing
DIPE	Diisopropyl Ether	ETBE	Ethyl Tert Butyl Ether
TAME	Tert Amyl Methyl Ether	CWRQCB ESLs selected assuming potential drinking water resource	
1	Analyzed by method CA LUFT	NS	No sample was collected. Prepacked screen was placed in the well at 30 feet bgs for 35 minutes with no groundwater. The boring was then advanced to 40 feet bgs and 25 minutes were allowed for groundwater to gather in the screen. Time constraints for the location's access agreement expired and no groundwater was observed in the boring.
2	Analyzed by EPA Method 8260B.		

Laboratory Data Qualifiers:

S5 **	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on dibromofluorobenzene (S)
M1	Matrix spike recovery exceeded QC limits. Batch excepted based on laboratory control sample (LCS) recovery.

TABLE 3b
Additional Groundwater Sample Analytical Data

76 Service Station No. 6390
402 S. Delaware
San Mateo, California

Sample ID	Date Sampled	(Total) 1,2 Dichloroethene [2] (µg/L)		cis- 1,2 Dichloroethene [2] (µg/L)		Tetrachloroethene[2] (µg/L)		Trichloroethene[2] (µg/L)		Chloroform[2] (µg/L)		Vinyl Chloride[2] (µg/L)	
SB-1	05/18/11	**15.0**		**15.0**		**38.9**		**4.7**		**4.8**		<1.0	
SB-3	05/18/11	<2.0		<1.0		**1.9**		<1.0		<1.0		<1.0	
SB-4	05/18/11	<2.0		<1.0		**11.9**		<1.0		**2.7**		<1.0	
SB-5	NS	NS		NS		NS		NS		NS		NS	
SB-6	06/07/11	**16.2**		**16.2**		**103**		**15.2**		**2.2**		<1.0	
SB-7	05/18/11	**3.4**	S5**	**3.4**	S5**	**6.7**	S5**	**3.4**	S5**	<1.0	S5**	<1.0	S5**
MW-17B	06/07/11	<2.0		<1.0		**9.3**		<1.0		**1.0**		<1.0	
CRWQCB ESLs (Potential Drinking Water Resource):		-		**6.0**		**5.0**		**5.0**		**70.0**		**0.500**	

Notes:

<	Denotes less than the Practical Quantitation Limit (PQL)
--	Not applicable / measured
µg/L	Micrograms per liter
1,2-DCA	1,2-dichloroethane
CRWQCB	California Regional Water Quality Control Board
EPA	U.S. Environmental Protection Agency
TBA	tert butyl alcohol
DIPE	Diisopropyl Ether
TAME	Tert Amyl Methyl Ether
2	Analyzed by EPA Method 8260B.

ESL	Environmental screening level
GWE	Groundwater elevation
GW	Groundwater
MTBE	Methyl tertiary butyl ether
PQL	Practical Quantitation Limit
TPH-GRO	Total petroleum hydrocarbons as gasoline range organics
EDB	1,2-Dibromoethane
TOC	Top of casing
ETBE	Ethyl Tert Butyl Ether
NS	No sample was collected. Prepacked screen was placed in the well at 30 feet bgs for 35 minutes with no groundwater. The boring was then advanced to 40 feet bgs and 25 minutes were allowed for groundwater to gather in the screen. Time constraints for the location's access agreement expired and no groundwater was observed in the boring.

CWRQCB ESLs selected assuming potential drinking water resource

Laboratory Data Qualifiers:

S5 **	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on dibromofluorobenzene (S)

Figures

Figure 1 Site Location Map

Figure 2 Site Plan

Figure 3 Extended Site Plan

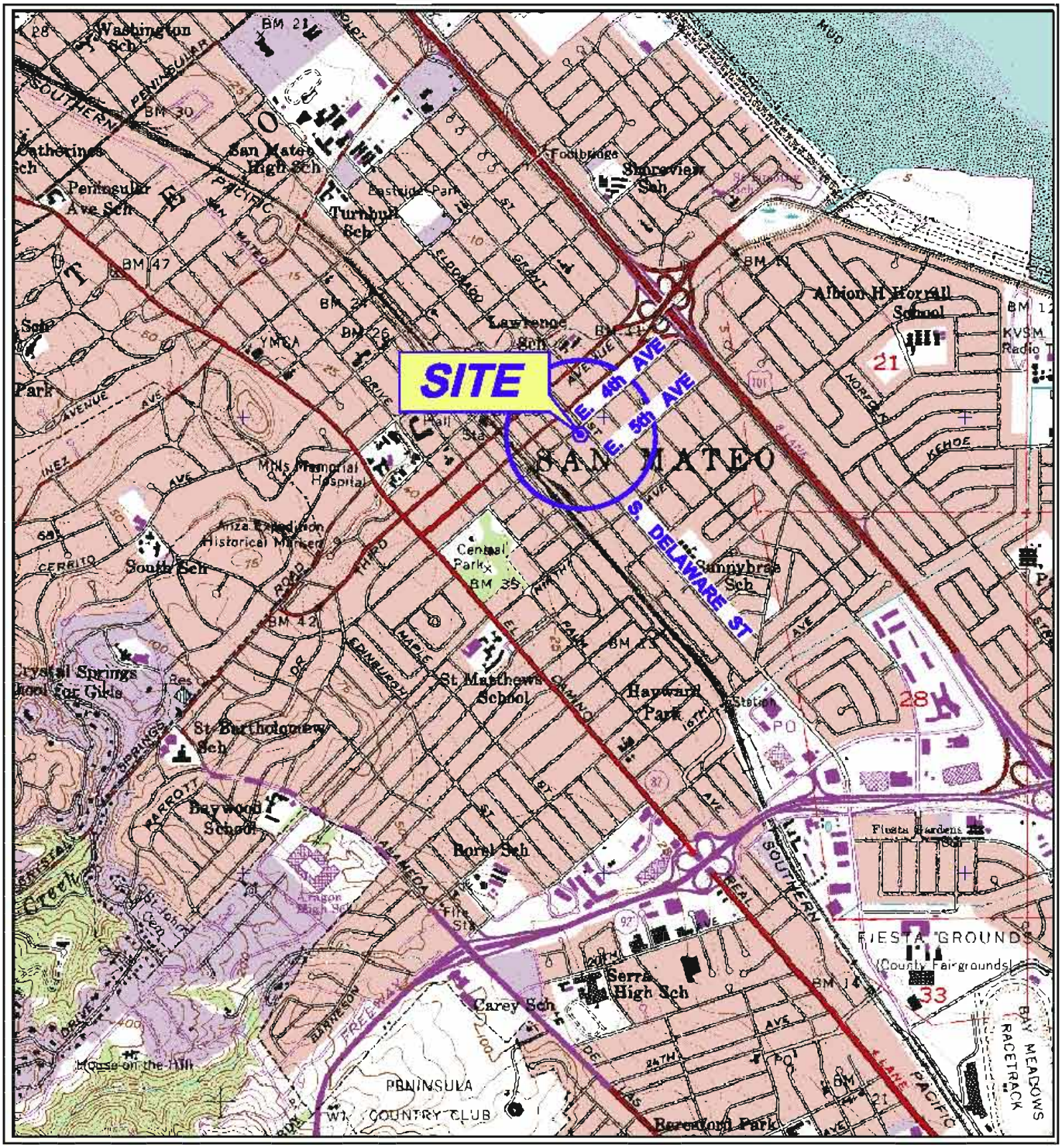
Figure 4 Soil Concentration Map

Figure 5 Groundwater Concentration Map

Figure 6a Geologic Cross Section A-A'

Figure 6b Geologic Cross Section B-B'

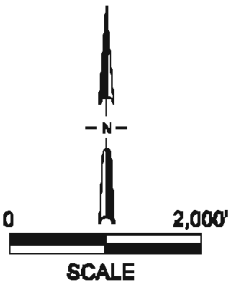
Figure 6c Geologic Cross Section C-C'



GENERAL NOTES:
BASE MAP FROM 3–D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390–SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup

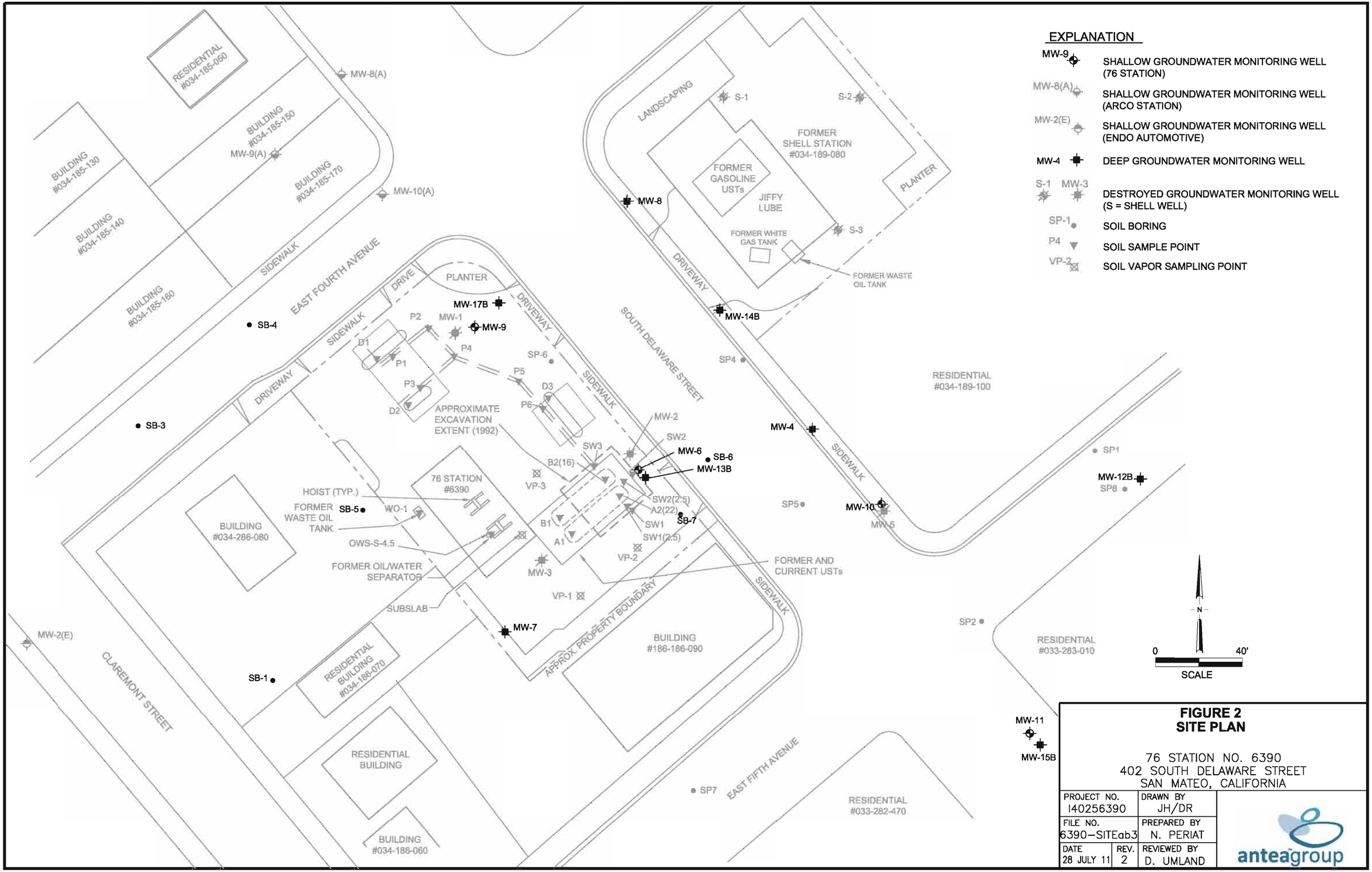
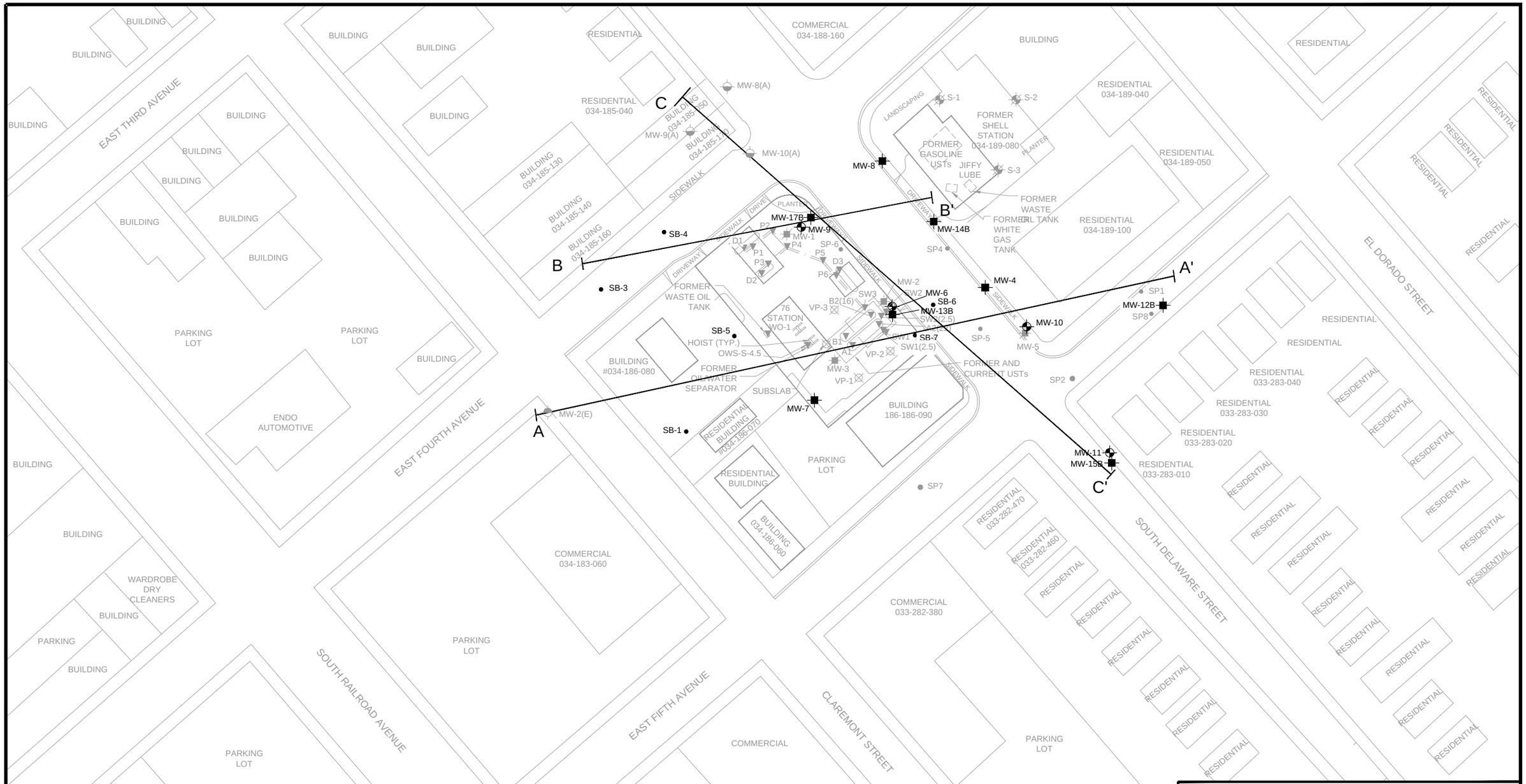


FIGURE 2
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY JH/DR	
FILE NO. 6390–SITEab3		PREPARED BY N. PERIAT	
DATE 28 JULY 11	REV. 2	REVIEWED BY D. UMLAND	

anteagroup



EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

N

0 80'

SCALE

MAP ADAPTED FROM STANTEC, AUGUST 2008

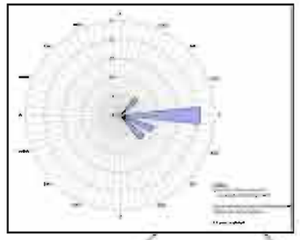
FIGURE 3
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY JH	
FILE NO. 6390-ExtSite		PREPARED BY EC	
DATE 22 JULY 11	REV. 4	REVIEWED BY DU	

antea group

SHALLOW GROUNDWATER ZONE ROSE DIAGRAM



Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
MW-17Bd5	5/19/2011	5	<0.19	<0.0023	<0.0023	<0.0023
MW-17Bd10	5/19/2011	10	<0.20	<0.0023	<0.0023	<0.0023
MW-17Bd15	5/19/2011	15	<0.21	<0.0024	<0.0024	<0.0024
MW-17Bd17	5/19/2011	17	<0.20	<0.0024	<0.0024	<0.0024
MW-17Bd20	5/19/2011	20	<0.21	<0.0023	<0.0023	<0.0023
MW-17Bd25	5/19/2011	25	<0.33	<0.0032	<0.0032	<0.0032
MW-17Bd30	5/19/2011	30	<0.22	<0.0027	<0.0027	0.036

Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
SB-4d10	5/18/2011	10	<0.24	<0.0029	<0.0029	<0.0029
SB-4d15	5/18/2011	15	<0.22	<0.0027	<0.0027	<0.0027
SB-4d17	5/18/2011	17	<0.34	<0.0041	<0.0041	0.0050
SB-4d20	5/18/2011	20	<0.25	<0.0031	<0.0031	0.0041
SB-4d24	5/18/2011	24	<0.20	<0.0024	<0.0024	0.0080
SB-4d30	5/18/2011	30	<0.17	<0.0021	<0.0021	0.0030

Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
SB-3d5	5/18/2011	5	<0.19	<0.0022	<0.0022	<0.0022
SB-3d10	5/18/2011	10	<0.22	<0.0027	<0.0027	<0.0027
SB-3d15	5/18/2011	15	<0.20	<0.0024	<0.0024	<0.0024
SB-3d17	5/18/2011	17	<0.26	<0.0031	<0.0031	<0.0031
SB-3d20	5/18/2011	20	<0.20	<0.0024	<0.0024	<0.0024
SB-3d25	5/18/2011	25	<0.31	<0.0026	<0.0026	<0.0026
SB-3d30	5/18/2011	30	<0.20	<0.0023	<0.0023	<0.0023

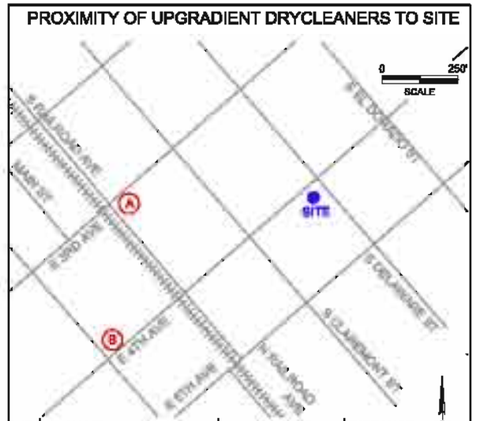
Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
SB-5d5	5/19/2011	5	<0.35	<0.0042	<0.0042	<0.0042
SB-5d10	5/19/2011	10	<0.28	<0.0034	<0.0034	<0.0034
SB-5d15	5/19/2011	15	<0.30	<0.0036	<0.0036	<0.0036
SB-5d17	5/19/2011	17	<0.28	<0.0033	<0.0033	<0.0033
SB-5d20	5/19/2011	20	<0.22	<0.0026	<0.0026	<0.0026
SB-5d25	5/19/2011	25	<0.20	<0.0025	<0.0025	0.0037
SB-5d30	5/19/2011	30	<0.20	<0.0024	<0.0024	0.0093
SB-5d35	5/18/2011	35	<0.21	<0.0025	<0.0025	<0.0025
SB-5d40	5/19/2011	40	<0.26	<0.0032	<0.0032	0.0037

Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
SB-1d5	5/18/2011	5	<0.18	<0.0022	<0.0022	<0.0022
SB-1d10	5/18/2011	10	<0.21	<0.0025	<0.0025	<0.0025
SB-1d20	5/18/2011	20	<0.18	<0.0022	<0.0022	<0.0022
SB-1d25	5/18/2011	25	<0.21	<0.0025	<0.0025	0.0063

Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
SB-6d6	6/7/2011	6	<0.36	<0.0042	<0.0042	<0.0042
SB-6d10	6/7/2011	10	<0.25	<0.0030	<0.0030	<0.0030
SB-6d15	6/7/2011	15	67.4	0.067	0.0699	0.0062
SB-6d17	6/7/2011	17	21.6	<0.0024	<0.0024	<0.0024
SB-6d20	6/7/2011	20	0.21	<0.0024	<0.0024	0.031
SB-6d25	6/7/2011	25	<0.25	<0.0030	<0.0030	0.0097
SB-6d30	6/7/2011	30	<0.24	<0.0028	<0.0028	0.016

Sample	Date	Depth	TPH-GRO	Benzene	MTBE	PCE
SB-7d10	5/17/2011	10	<0.30	<0.0036	<0.0036	<0.0036
SB-7d15	5/17/2011	15	1,330	0.039	<0.0025	<0.0025
SB-7d17	5/18/2011	17	1,760	0.068	<0.0027	0.0091
SB-7d20	5/18/2011	20	4,900	0.88	<0.040	<0.040
SB-7d25	5/18/2011	25	0.43	<0.0034	<0.0034	0.049

PROXIMITY OF UPGRADIENT DRYCLEANERS TO SITE



ID	NAME	ADDRESS	DISTANCE
A	FAMILY CLEANERS	412 E 3RD AVE	700 ft
B	WARDROBE CLEANERS	344 E 4TH AVE	875 ft

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

NOTES:

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE = METHYL TERTIARY BUTYL ETHER
PCE = TETRACHLOROETHENE

DEPTHS IN FEET BELOW GROUND SURFACE (ft/bgs).
CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg).

N

0 50'

SCALE

MAP ADAPTED FROM STANTEC, AUGUST 2008

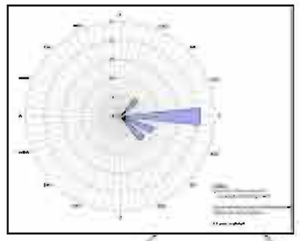
FIGURE 4
SOIL ANALYTICAL MAP

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY JH/DR	
FILE NO. 6390-SITEab		PREPARED BY NaP	
DATE 28 JULY 11	REV. 5	REVIEWED BY DU	

antea group

SHALLOW GROUNDWATER ZONE ROSE DIAGRAM



Sample	Date	TPH-GRO	Benzene	MTBE	PCE
MW-17B	06/07/11	<50.0	<0.50	<0.50	9.3

Sample	Date	TPH-GRO	Benzene	MTBE	PCE
SB-4	05/18/11	<50.0	8.84	<0.50	11.9

Sample	Date	TPH-GRO	Benzene	MTBE	PCE
SB-3	05/18/11	<50.0	<0.50	<0.50	1.8

Sample	Date	TPH-GRO	Benzene	MTBE	PCE
SB-6	06/07/11	45,600	40.9	1.5	103

Sample	Date	TPH-GRO	Benzene	MTBE	PCE
SB-7	05/18/11	166,000	2,790	1,160	6.7

Sample	Date	TPH-GRO	Benzene	MTBE	PCE
SB-1	05/18/11	111	<0.50	<0.50	38.9

PROXIMITY OF UPGRADIENT DRYCLEANERS TO SITE



ID	NAME	ADDRESS	DISTANCE
A	FAMILY CLEANERS	412 E 3RD AVE	700 ft
B	WARDROBE CLEANERS	344 E 4TH AVE	875 ft

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

NOTES:

TPH-GRO = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE = METHYL TERTIARY BUTYL ETHER
PCE = TETRACHLOROETHENE

CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L).

N

0 50'

SCALE

MAP ADAPTED FROM STANTEC, AUGUST 2008

FIGURE 5
GROUNDWATER ANALYTICAL MAP

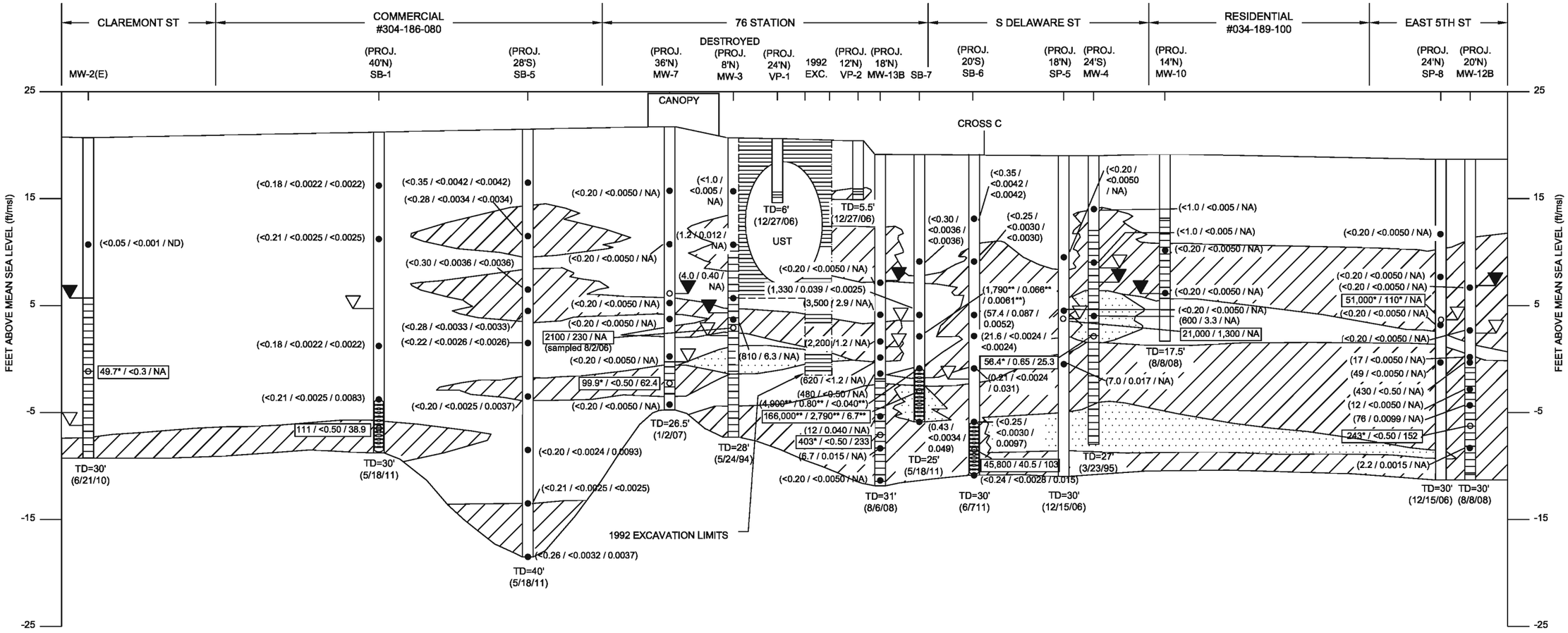
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.		DRAWN BY
140256390		JH/DR
FILE NO.		PREPARED BY
6390-SITEab		NaP
DATE	REV.	REVIEWED BY
28 JULY 11	5	DU

antea group

SOUTHWEST A

NORTHEAST A'



0 40

SCALE IN FEET

10

EXPLANATION

PROJ. 36'N) MW-7 — PROJECTED DISTANCE FROM CROSS SECTION; MONITORING WELL / BORING NAME

WELL CASING / EXPLORATORY BORING

(<0.20 / <0.0050 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: GRO, BENZENE, PCE (mg/kg)

99.9* / <0.50 / 62.4 — DEPTH TO STATIC GROUNDWATER (1Q11); GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: GRO, BENZENE, PCE (µg/L)

TEMPORARY WELL SCREEN

MONITORING WELL SCREEN

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

TD=27.5' (1/2/07) — TOTAL DEPTH; DATE INSTALLED

FINES (CLAY, SILT)

SILTY / CLAYEY SANDS / GRAVELS

SAND / GRAVEL

ARTIFICIAL BACKFILL MATERIAL

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTES:

1) ND or <0.50 = BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHANE
NA = NOT ANALYZED
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER
* = ATYPICAL PATTERN; GASOLINE VALUE DUE TO CHLORINATED SOLVENTS
** = SURROGATE RECOVERY OUTSIDE CONTROL LIMITS DUE TO MATRIX INTERFERENCES. NOT CONFIRMED BY RE-ANALYSIS.

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) SOIL AND GROUNDWATER SAMPLES FOR SOIL BORINGS COLLECTED ON THE DATE OF DRILLING. GROUNDWATER SAMPLES FOR ACTIVE MONITORING WELLS COLLECTED DURING THE FIRST QUARTER 2011 SAMPLING EVENT ON JANUARY 6, 2011 (76 STATION) AND MARCH 14, 2011 (ENDO AUTOMOTIVE).

FIGURE 6A
GEOLOGIC CROSS SECTION A - A'

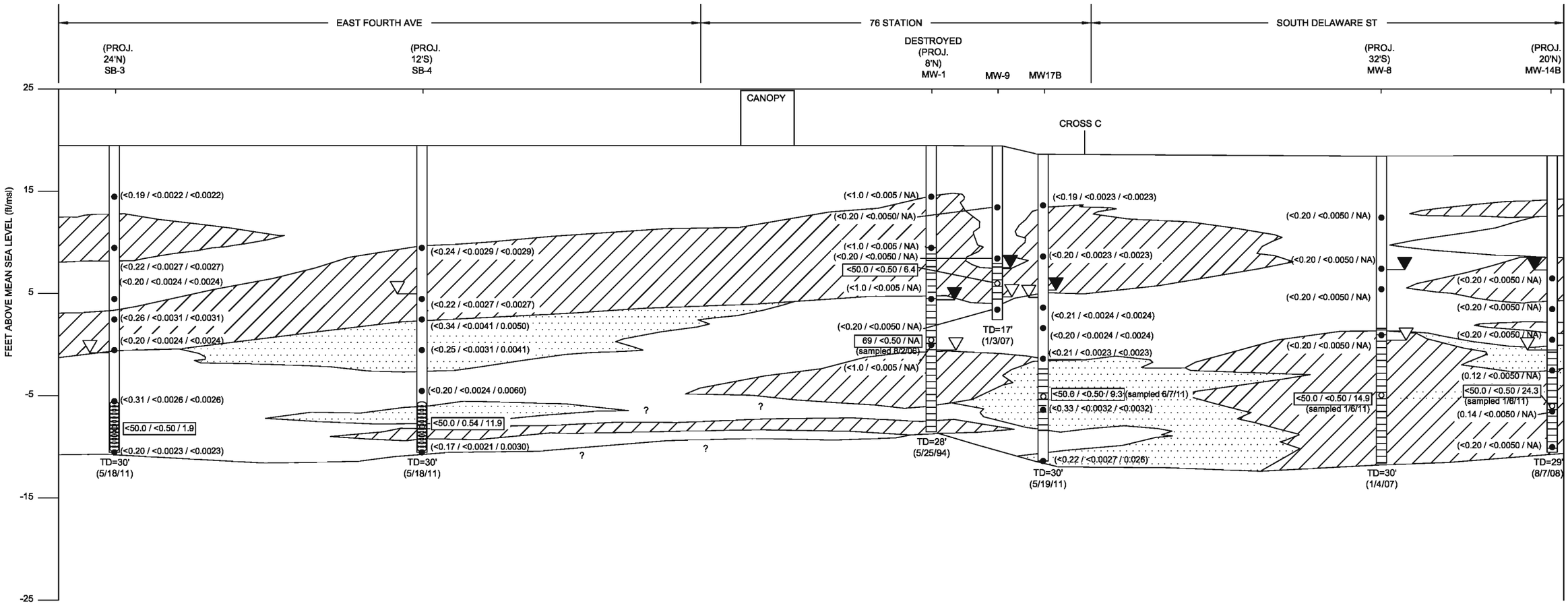
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY JH/DR	
FILE NO. 6390-ExtSite		PREPARED BY NaP	
DATE 28 JULY 11	REV. 1	REVIEWED BY DU	

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SOUTHWEST B

NORTHEAST B'



EXPLANATION

PROJ. 36'N) MW-7 — PROJECTED DISTANCE FROM CROSS SECTION

MONITORING WELL / BORING NAME

WELL CASING / EXPLORATORY BORING

SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: GRO, BENZENE, PCE (mg/kg)

(<0.20 / <0.0050 / NA)

DEPTH TO STATIC GROUNDWATER (1Q11)

GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: GRO, BENZENE, PCE (µg/L)

99.9* / <0.50 / 62.4

TEMPORARY WELL SCREEN

MONITORING WELL SCREEN

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

TD=27.5' (1/2/07) — TOTAL DEPTH DATE INSTALLED

FINES (CLAY, SILT)

SILTY / CLAYEY SANDS / GRAVELS

SAND / GRAVEL

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTES:

1) ND or <0.50 = BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHANE
NA = NOT ANALYZED
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER
* = ATYPICAL PATTERN; GASOLINE VALUE DUE TO CHLORINATED SOLVENTS
** = SURROGATE RECOVERY OUTSIDE CONTROL LIMITS DUE TO MATRIX INTERFERENCES. NOT CONFIRMED BY RE-ANALYSIS.

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) SOIL AND GROUNDWATER SAMPLES FOR SOIL BORINGS COLLECTED ON THE DATE OF DRILLING. GROUNDWATER SAMPLES FOR ACTIVE MONITORING WELLS COLLECTED DURING THE FIRST QUARTER 2011 SAMPLING EVENT ON JANUARY 6, 2011 (76 STATION) AND MARCH 14, 2011 (ENDO AUTOMOTIVE).

0 20
SCALE IN FEET
10

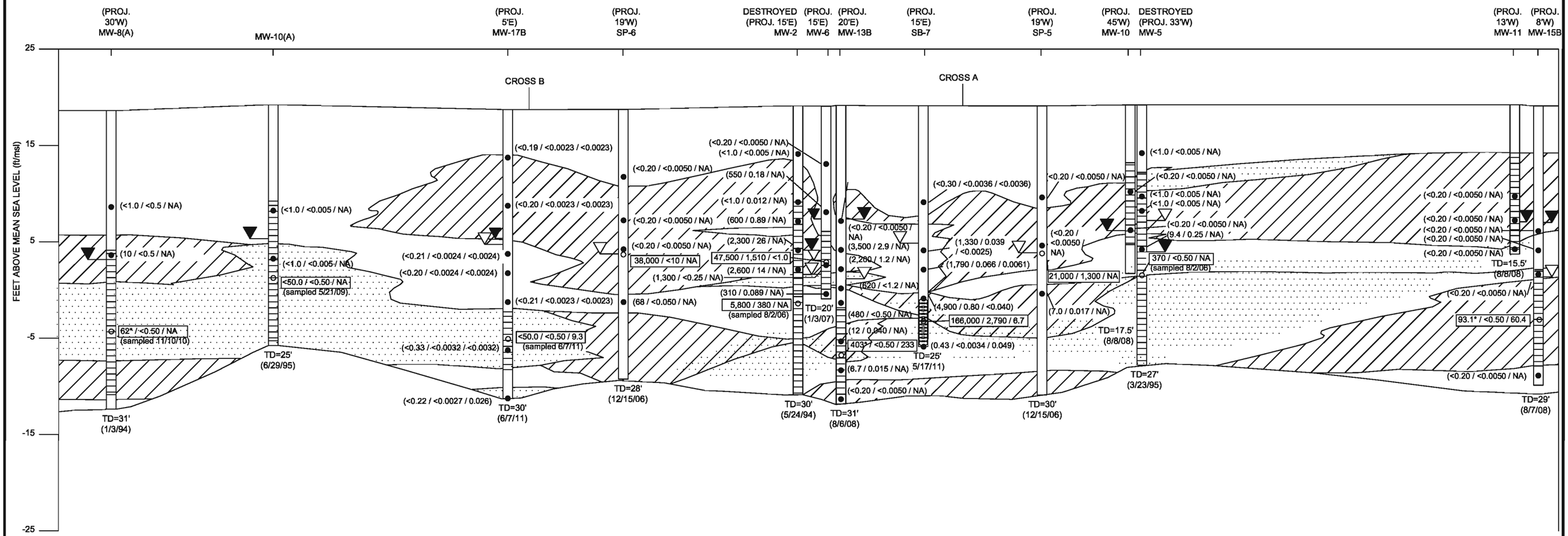
FIGURE 6B
GEOLOGIC CROSS SECTION B - B'

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY JH/DR	anteagroup
FILE NO. 6390-ExtSite		PREPARED BY NaP	
DATE 28 JULY 11	REV. 1	REVIEWED BY DU	

NORTHWEST C

SOUTHEAST C'



EXPLANATION

PROJ. 36'N) MW-7 — PROJECTED DISTANCE FROM CROSS SECTION

MONITORING WELL / BORING NAME

WELL CASING / EXPLORATORY BORING

(<0.20 / <0.0050 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: GRO, BENZENE, PCE (mg/kg)

99.9* / <0.50 / 62.4 — DEPTH TO STATIC GROUNDWATER (1Q11) GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: GRO, BENZENE, PCE (µg/L)

TEMPORARY WELL SCREEN

MONITORING WELL SCREEN

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

TD=27.5' (1/2/07) — TOTAL DEPTH DATE INSTALLED

FINES (CLAY, SILT)

SILTY / CLAYEY SANDS / GRAVELS

SAND / GRAVEL

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTES:

1) (A) = ARCO WELL
ND or <0.50 = BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHANE
NA = NOT ANALYZED
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER
* = ATYPICAL PATTERN; GASOLINE VALUE DUE TO CHLORINATED SOLVENTS
** = SURROGATE RECOVERY OUTSIDE CONTROL LIMITS DUE TO MATRIX INTERFERENCES. NOT CONFIRMED BY RE-ANALYSIS.

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) SOIL AND GROUNDWATER SAMPLES FOR SOIL BORINGS COLLECTED ON THE DATE OF DRILLING. GROUNDWATER SAMPLES FOR ACTIVE MONITORING WELLS COLLECTED DURING THE FIRST QUARTER 2011 SAMPLING EVENT ON JANUARY 6, 2011 (76 STATION) AND MARCH 14, 2011 (ENDO AUTOMOTIVE).

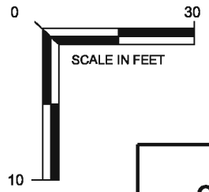


FIGURE 6C
GEOLOGIC CROSS SECTION C - C'

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY JH/DR	
FILE NO. 6390–ExtSite		PREPARED BY NaP	
DATE 28 JULY 11	REV. 1	REVIEWED BY DU	

antea group

Appendix A

Agency Correspondence

SAN MATEO COUNTY
HEALTH SYSTEM

June 25, 2009

SMCo Site #110069 / RO534
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for the September 8, 2008, assessment and sensitive receptor survey report and associated addendums, and the April 23, 2009, groundwater monitoring report prepared by Stantec Consulting Company (Stantec). The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Assessment and Sensitive Survey Receptor Report

GPP staff consider this report one of the best reports we have received regarding the topics covered. We appreciate the concise detail and the manner in which the information was presented. The report greatly assists in identifying the environmental drivers at the subject site.

The greatest concentrations of tetrachloroethene (PCE) were reported in wells MW-12B and MW-13B located downgradient of the former waste oil tank and low levels of PCE were reported in the 1992 soil sample collected from the waste oil tank cavity. Therefore, assessing the origin of the PCE, as previously recommended by Stantec, now appears warranted. Please identify the former and existing use of the parcels bounded by East Fourth and Fifth Avenue and South Delaware Street and South Claremont Street, incorporate these findings into a workplan that details and justifies a scope of work to assess the origin of this PCE, and upload the workplan to the State GeoTracker database by **December 31, 2009**. Please note, the PCE concentrations in the groundwater samples from MW-12B and MW-13B exceed the Regional Water Quality Control Board (RWQCB) residential land use Environmental Screening Level (ESL) for inhalation concerns. Therefore, assessing the inhalation risk of this PCE appears warranted; however, we will postpone our decision to require ConocoPhillips to perform this work pending our review of the results of the PCE source investigation work.

The report indicates remediation may be necessary near MW-6 if the dissolved-phase hydrocarbon concentrations in this well remain near the levels reported. Therefore, please consider incorporating into the workplan required above a scope of work to assess the lateral extent of residual hydrocarbons in saturated zone soils approximately 15 feet northeast and east of the existing fuel UST cavity. This information would not only assist in identifying the target

treatment zone of remediation, but may demonstrate significant residual impact to saturated zone soil is limited to the northeast end of the fuel UST cavity (i.e. remediation not warranted providing other RWQCB low-risk case closure criteria are satisfied).

Monitoring Report

The monitoring results support the upward component to groundwater flow concluded in the September 2008 assessment report. Please continue to report on the vertical gradient.

The report indicates a portion of the TPH concentrations in some samples are from PCE eluting in the TPH analytical range. Please consider footnoting the analytical results table in future reports to indicate this condition. Please also analyze the groundwater samples for halogenated volatile organic compounds unless ConocoPhillips can demonstrate the PCE did not originate from the subject site.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: GeoTracker
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Diane Barclay, Stantec (via Diane.Barclay@stantec.com)

SAN MATEO COUNTY
HEALTH SYSTEM

August 9, 2010

SMCo Site #110069 / RO534
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for uploading to the State GeoTracker database the following documents prepared by Delta Consultants: 1) workplan dated December 31, 2009, and 2) groundwater monitoring report dated May 14, 2010. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Workplan

It does not appear the workplan will adequately assess the extent of the smear zone impact surrounding the fuel UST cavity and the origin of the tetrachloroethene (PCE) reported in groundwater samples (the objectives of the work). Proposed Monitoring Well MW-19B may confirm what we already know (that significant hydrocarbons exist in smear zone soils adjacent to the fuel UST cavity) and a well at this location does not appear justified based on the proximity of existing MW-6 and MW-13B (a boring in Delaware Street and perhaps in the eastern corner of the site may satisfy the objective). It also does not appear that proposed onsite Monitoring Wells MW-16B through MW-18B would cost-effectively assess the origin of the PCE in groundwater. The workplan identified potential PCE sources upgradient of the subject site (e.g. Wardrobe Cleaners; Figure 3 in Attachment C). Therefore, installing three monitoring wells onsite does not appear useful or necessary when it has not been established whether ConocoPhillips is responsible for the PCE (upgradient grab groundwater samples appear more appropriate at this time). We could support proposed MW-16B, but only if the PCE concentrations reported in upgradient grab groundwater samples approximated acceptable laboratory reporting limits (would support a ConocoPhillips source for the PCE). Therefore,

given the foregoing discussion, please upload to the State GeoTracker database by **October 29, 2010**, a revised workplan that will satisfy the objectives of the investigation.

The workplan indicates perched groundwater exists at this site. Please note, no justification has been provided to GPP staff to demonstrate a perched groundwater zone exists at the subject site. Please also note, the information referenced in Appendix G is not complete.

Groundwater Monitoring Report

The sampling and monitoring information table on the top of Page 3 of the report indicates the nearest water supply well is 250 feet northwest of the site. This is incorrect. Please refer to the previous receptor survey reports (2008 and 1996) for the location of nearby water supply wells.

The report indicates the wells were re-sampled in March 2010 because samples were not collected for halogenated volatile organic compound (HVOC) analysis during the normal monitoring event in January 2010. Except for the sampling of MW-9 and MW-11, the UST Cleanup Fund may only reimburse the laboratory costs for the March 2010 event because HVOC analyses were required in our letter dated June 25, 2009.

The report indicates MW-10 dewatered during purging. Please reduce the purging rate for this well to minimize potential dewatering. If the well dewaters during the next monitoring event, then please collect a "no-purge' sample from this well during subsequent monitoring events and denote the sample collection method on the appropriate report table(s).

The report references elevations to mean sea level. Please note, the well casing elevations for the subject site were referenced to North American Vertical Datum-1988 which is not equivalent to mean seal level. The elevation notes on report tables also do not concur with the GeoZ files in the State GeoTracker database.

The report states an upward hydraulic head potential existed between MW-6 and MW-13B on January 18, 2010. This conclusion appears to apply to March 2010 based on the groundwater elevations listed in Table 2. Please note, conclusions regarding hydraulic head differential may be limited when the differential (0.01 foot in January 2010) approximates the accuracy of well gauging. Please also note, some of the dates and groundwater elevations listed in Table 2 for MW-10 and MW-11 are incorrect.

The Blain Tech Services purging and sampling procedures in Attachment B differ from the purging and sampling procedures used before environmental responsibilities were recently transferred to Delta Consultants. The previously approved procedures should be used unless the Registered Professional can justify changes prior to implementation.

It appears the groundwater monitoring at the subject site can be reduced to annual frequency following the Third Quarter 2010 event. Please implement this change unless the Registered Professional can justify the greater frequency.

Closing Comments

It is our understanding ConocoPhillips may have sold the subject site and perhaps their environmental liability; however, we have not received any correspondence confirming that this has occurred. Please note, even if this transaction has been finalized, GPP staff will still consider ConocoPhillips the Primary Responsible Party for the release currently being assessed. While ConocoPhillips' may enforce the assignment of their environmental responsibility in the courts as a civil matter, such assignment does not legally relieve ConocoPhillips of their Responsible Party status under the California Health and Safety Code. Therefore, we will continue to address our letters to ConocoPhillips and, as a courtesy, copy our letters to Delta Consultants.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Gregory J. Smith, PG, REHS
Supervisor
Water Protection Programs

cc: Stat GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Douglas Umland, Delta Consultants (via DUmland@deltaenv.com)

SAN MATEO COUNTY
HEALTH SYSTEM

February 8, 2011

SMCo Site #110069 / RO534
APN: 034-186-110

Eric Frohnapple
Chevron Environmental Mgmt. Company
6111 Bollinger Canyon Road, Room 3612
San Ramon, CA 94583

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Frohnapple and Ms. Lathrop:

Thank you for uploading to the State GeoTracker database the October 29, 2010, revised workplan prepared by Delta Consultants (now Antea Group). The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of the workplan and the project file.

The most recent groundwater monitoring information referenced in the workplan was August 2008; however, monitoring data through July 2010 was available at the time the workplan was written. Please ensure all available and pertinent data is used to prepare documents.

Section 6 of the workplan states analysis of groundwater samples for tetrachloroethene (PCE) was discontinued based on the GPP staff letter dated January 30, 2008. Please note, our more recent letter dated June 25, 2009, reinstated groundwater analysis for PCE because of the PCE concentrations reported in newly installed Monitoring Wells MW-12B and MW-13B. We reiterated this requirement in our letter dated August 9, 2010.

Proposed Borings SB-1 through SB-7 and proposed Monitoring Well MW-17B are approved with the following conditions:

- Consider relocating proposed SB-5 between Sample WO-1 and the building located on the eastern corner of East Fourth Avenue and Claremont Street (would help assess the property between the former waste oil UST and proposed SB-1 through SB-4);
- Use site well gauging data in determining the depth to groundwater in the borings;
- Ensure the temporary pre-packed screen is installed across an appropriate interval for PCE assessment in groundwater and is removed prior to grouting (these procedures were not discussed in the workplan and the field procedures are for hydropunch™ sampling);

- It does not appear necessary to use conductor casing during the installation of MW-17B given the contaminant concentrations reported, the proposed well construction, and the minimal time it will take to construct the well;

- Postponing the drilling of MW-17B at 16 feet below grade (fbg) in order to sample groundwater at the water table does not appear necessary because nearby MW-9 provides some monitoring data on this portion of the saturated zone;

- Settle the filter pack prior to installing the sanitary seal of MW-17B;

- Attempt to coordinate the collection of groundwater samples from MW-17B with the first quarter 2011 groundwater monitoring event;

- Consider limiting the soil samples submitted for laboratory analysis from SB-6 and SB-7 to those collected between 10 and 25 fbg unless sample screening indicates otherwise (samples from 5 and 30 fbg do not appear necessary based on historical data); and

- Submit to the State GeoTracker database by **July 28, 2011**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

The report must indicate how investigative derived wastes were disposed and include scaled figures (base-10 preferred) and data analytical tables sufficient to support conclusions regarding contaminant extent, stability, and risk. It would be beneficial if at least one figure identified all sampling locations to date and the report included tables summarizing historical gauging data and the laboratory results of all soil, groundwater, and subsurface vapor sampling analyses performed to date (one table for soil, one for groundwater, and one for vapor is preferred). It would also be beneficial if each table indicated the date and depth of sample collection, as appropriate, and the proper field point name (FPN). FPNs must be consistent between text, figures, tables, and boring logs. Please note, the scale shown on Figure 3 is incorrect. Please ensure the correct scale is shown on the figures in the investigative report.

Closing Comments

GPP staff cannot at this time support the proposed installation of MW-16 and MW-16B. We do not support MW-16 because: 1) it has not been established the PCE originated from the 76 station; 2) the proposed screen interval may result in a typically dry well like MW-9; and 3) the well does not appear necessary for the assessment of the fuel release based on the soil sampling results from D3, P5, P6, and SP-6. We do not support MW-16B because it appears MW-14B is sufficient to assess the dissolved-phase PCE in this area.

Please note, the 0.0064 mg/kg PCE concentration reported in soil Sample WO-1 at 8 fbg does not demonstrate the former waste oil UST leaked PCE. This sample is within the reported interval of groundwater fluctuation; therefore, it is possible the PCE in this sample originated

from PCE-affected groundwater migrating from an upgradient source. We hope the proposed investigation will clarify this issue.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Specialist
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

Appendix B

Site Assessment History Summary

SITE LOCATION AND BACKGROUND

The site is currently an active "76"-branded service station. The station is located approximately one mile west of San Francisco Bay in San Mateo, California, at an elevation of approximately 20 feet above mean sea level. The site facilities include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building. The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site during site upgrades in 1992.

The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East Fourth Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area.

There are seven existing or former gasoline service stations within ¼-mile of the site area. The site is located in a mixed commercial and residential area. The nearest residences are southwest of the site at 411 South Claremont, or approximately 50 feet southwest of the site, and an apartment building is located at 603 East Fifth Avenue approximately 75 feet northeast of the site.

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Historically, gasoline range petroleum hydrocarbons have been analyzed and reported by various methods and reported as various acronyms (e.g. TPPH and TPH-g). Antea will be analyzing and reporting gasoline range hydrocarbons as gasoline range organics (GRO), by CA-LUFT GC/MS (a non-Environmental Protection Agency (EPA) Test Method), unless referring to data in a historical context.

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon, fiberglass, gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. Upon removal of one of super unleaded gasoline UST, a 9-inch long crack was observed along its eastern end. Petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30' by 27' by 22' deep. Initially, six soil samples (A1, A2, B1, B2, SW1, and SW2) were collected from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches.

At a later date, KEI collected an additional three soil samples (SW1, SW2, and SW3) from the gasoline UST cavity, along with a grab groundwater sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater was observed to have floating

product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2, and D3) from beneath the gasoline dispensers. Laboratory analyses of soil samples collected from the gasoline UST cavity reported relatively high levels of total petroleum hydrocarbons as gasoline (TPHg) benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and total petroleum hydrocarbons as diesel (TPHd). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. High levels of TPHd, TPHg, and BTEX compounds were also reported in the groundwater sample.

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site. Laboratory analyses of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and BTEX compounds. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially gauged and sampled in June 1994. Laboratory analyses of the water samples collected from MW-2 and MW-3 reported the presence of petroleum hydrocarbons in MW-2 and MW-3. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs) with a groundwater gradient reported at 0.004 foot/foot to the east. KEI concluded to follow a three-month (quarterly) monitoring program.

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed at downgradient, off-site locations in the sidewalk along the opposite side of South Delaware Street from the site. Laboratory analyses of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX contamination in MW-4. The new wells were added to the quarterly groundwater monitoring program and were first sampled in April 1995. Laboratory analyses of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 micrograms per liter (µg/L) TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4.

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 milligrams per kilogram (mg/kg), 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively.

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at off-site locations. The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab groundwater samples were collected from each borehole. Laboratory analyses of the water samples reported low to moderate levels of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4. Petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2.

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. Four documented wells were identified within a ¼-mile radius of the site.

In December 2006 and January 2007, SECOR supervised the following activities: advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four additional groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5). Laboratory analyses of soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab groundwater sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from MW-6 and MW-9 reported petroleum hydrocarbons. Laboratory analyses of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3). Based on the results of this investigation, SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended installation of a downgradient well in the shallow water bearing zone and downgradient wells in the deeper water bearing zone along East Fifth Avenue and Delaware Street, and to the northwest and northeast (up and cross-gradient) of the site. SECOR recommended groundwater analyses and historical research to identify the possible source of tetrachloroethylene (PCE) in groundwater.

In August 2008, Stantec oversaw the installation of two shallow groundwater monitoring wells (MW-10 and MW-11), and four deeper zone wells (MW-12B, MW-13B, MW-14B, and MW-15B) at locations down-gradient of the subject site. This included the collection of both soil and groundwater samples from the new wells. Stantec also completed a sensitive receptor survey (SRS) as part of this investigation. Stantec concluded that petroleum hydrocarbon plumes in groundwater had been delineated by the new wells, but recommended continued semiannual groundwater monitoring. No additional evaluation of sensitive receptors was recommended based on findings of the SRS (where no sensitive receptors were identified in the immediate down-gradient direction of the site).

Between 2009 and 2010, Delta Consultants has prepared an investigation work plan to assess the PCE contamination in groundwater in the vicinity of the site. Following submittal of a *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan on October 29, 2010,* Delta is awaiting approval from the lead oversight agency before implementing the work plan, which includes additional soil and groundwater

testing at on and off-site locations in order to identify whether the subject site is a source of PCE contamination in groundwater, or if that contamination has originated from elsewhere.

In February 2011, Antea Group (formerly Delta Consultants) received conditional approval from the lead oversight agency, San Mateo County GPP, of their October 29, 2010 submittal titled *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan.*

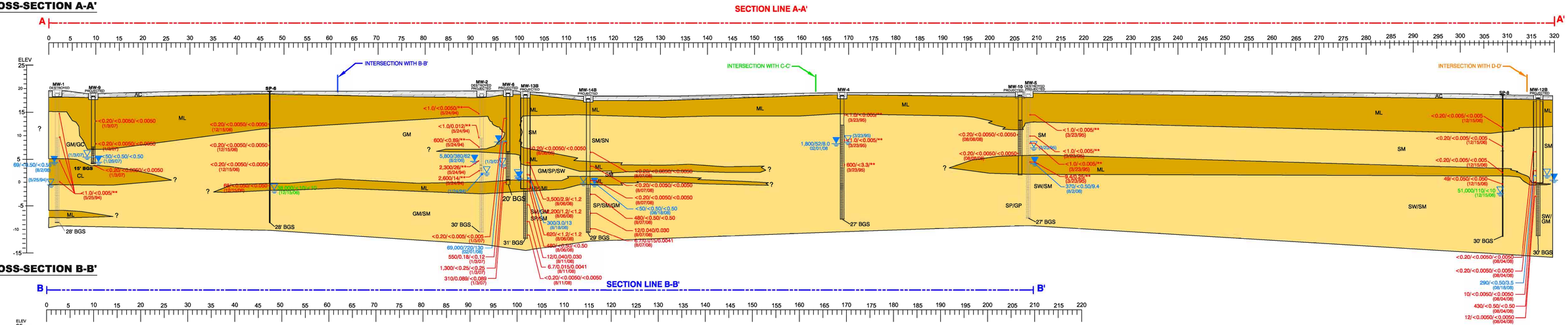
May through June 2011, Antea Group oversaw the installation of one additional groundwater monitoring well MW-17B, and the advancement of six soil borings SB-1 and SB-3 through SB-7 to assess the potential up-gradient presence of PCE in soil and groundwater, as well as to further quantify the degree and extent of on-site and downgradient hydrocarbon contamination associated with the subject site. Details of the investigation are presented in the July 2011 *Potential Tetrachloroethylene (PCE) Source Investigation Report*.

Groundwater at the site has been monitored since the second quarter 1994. Between 1994 and 2000, the site was monitored on a quarterly basis. Since 2001, the frequency has been reduced to semi-annual monitoring. Approval from the lead agency to reduce the monitoring frequency to annual sample was approval in August 2010. In December 2010 the agency requested the annual sampling be moved to First Quarter, rather than the previously requested Third Quarter. Starting with the First Quarter 2011 event, annual events will be held every January. Historically, the highest dissolved phase petroleum hydrocarbon concentrations have occurred in wells MW-2 and MW-3, and most recently in well MW-6. The groundwater gradient has been mainly to the east and southeast, and was to the northeast during the last event.

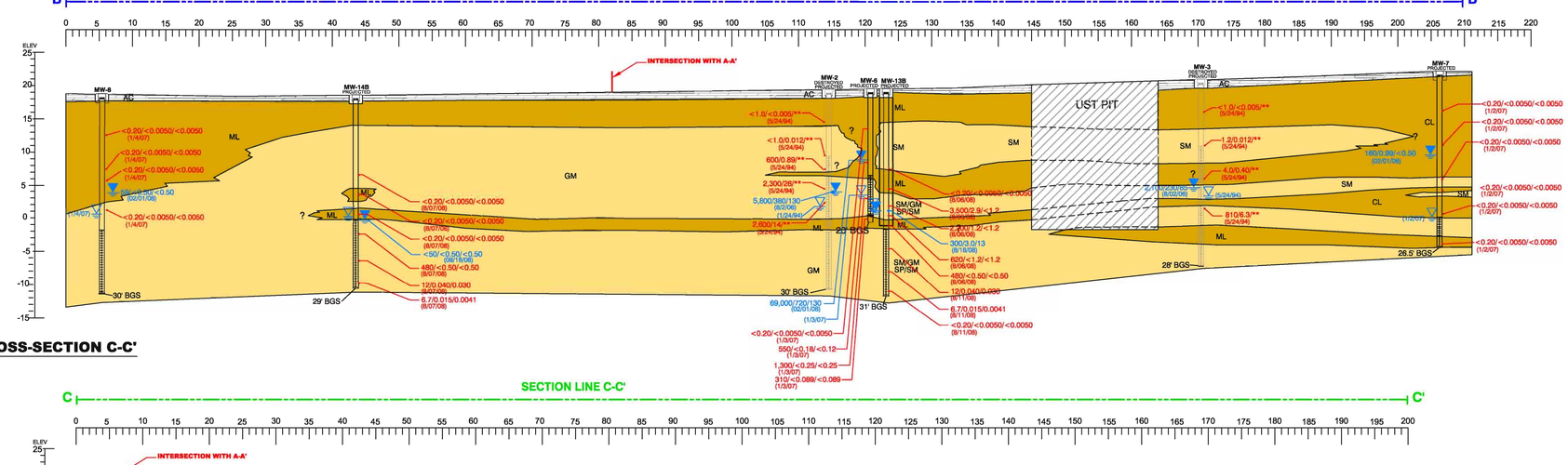
Appendix C

Historical Cross Sections

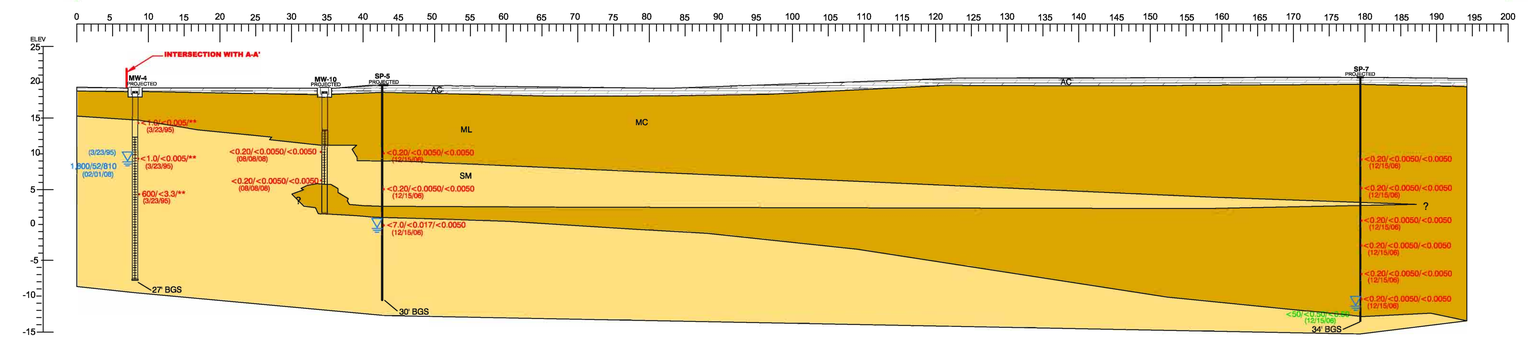
CROSS-SECTION A-A'



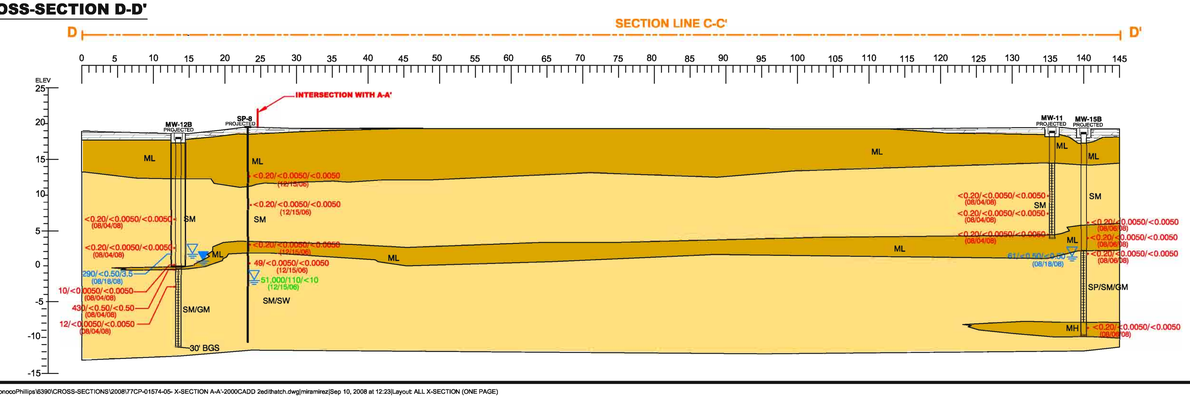
CROSS-SECTION B-B'

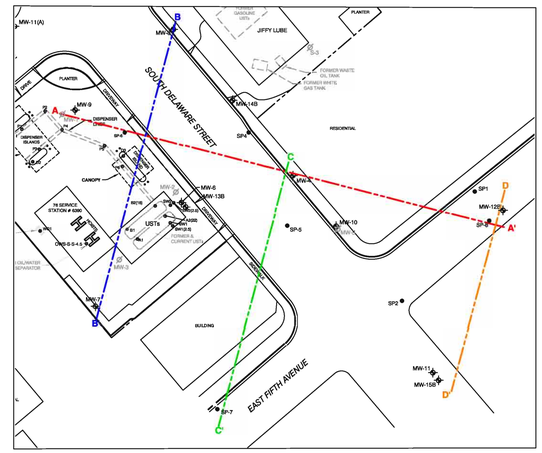


CROSS-SECTION C-C'



CROSS-SECTION D-D'





CROSS-SECTION LOCATION MAP SCALE: 1" = 50'

LEGEND:

TPPH = TOTAL PURGEABLE PETROLEUM HYDROCARBONS
MTBE = METHYL TERIARY BUTYL ETHER

00/00/00 SOIL ANALYTICAL DATA (TPPH/Benzene/MtBE) (** NO MTBE DATA) mg/kg
00/00/00 GROUNDWATER ANALYTICAL DATA (TPPH/Benzene/MTBE) µg/L
00/00/00 GRAB GROUNDWATER (TPPH/Benzene/MTBE) µg/L
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER

STATIC GROUNDWATER (DATE)
INITIAL GROUNDWATER DURING DRILLING (DATE)

WELL CASING
CONDUCTOR CASING
SCREENED INTERVAL FOR MONITORING WELLS
SOIL BORING

CLAY AND SILT (ML/CL/MH)
CLAYEY SAND TO SAND WITH GRAVEL (SC/SM/SW/GM)
PAVEMENT (AC)
INTERPRETED SOIL STRATIGRAPHIC BOUNDARY

10 / 0 / 0 / 10
APPROXIMATE SCALE IN FEET

Stantec

FOR: ConocoPhillips
76 SERVICE STATION NO. 8390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

GEOLOGIC CROSS SECTIONS A-A', B-B', C-C' AND D-D'

FIG: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01574.47	MDR	LS	DMB	08/21/08

FILEPATH:M:\ConocoPhillips\8390\CROSS-SECTIONS\2008\77CP-01574-05- X-SECTION A-A'-2000CADD 2ed\thatch.dwg|mirsmirez|Sep 10, 2008 at 12:23|Layout: ALL X-SECTION (ONE PAGE)

Appendix D

Historical Soil and Soil Vapor Analytical Data

Historical Soil Analytical Data
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO (mg/kg)	TOG (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)	TCE (mg/kg)
UST Replacement Soil Samples																							
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 a	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	1.1	67	73	6	44	0.0064
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	5.9 b	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																							
SP-5																							
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--
SP-6																							
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	**68** e	<0.050 e	<0.050 e	**1.6** e	**3.3** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--
SP-7																							
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-7-20-20.5	20-20.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-8																							
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	**49** e	<0.050 e	<0.050 e	**2.1** e	**7.4** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--
Groundwater Monitoring Wells																							
MW-1																							
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Historical Soil Analytical Data
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO (mg/kg)	TOG (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)	TCE (mg/kg)
MW-2																							
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																							
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4																							
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																							
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6																							
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW6@11-11.5	11-11.5	1/3/2007	--	--	**550** e	**0.18** e	**32** e	**20** e	**110** e	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--	--
MW6@16.5-17	16.5-17	1/3/2007	--	--	**1,300** e	<0.25 e	**1.3** e	**10** e	**38** e	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--	--
MW6@19.5-20	19.5-20	1/3/2007	--	--	**310** e	**0.089** e	**2.7** e	**10** e	**37** e	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089** e	<0.0050 e	<1.0 e	--	--	--	--	--	--
MW-7																							
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW7@11-11.5	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW7@16.5-17	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW7@18-18.5	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW7@21.5-22	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW7@26-26.5	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW-8																							
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW8@11-11.5	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW8@13-13.5	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW8@17.5-18	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW-9																							
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW9@11-11.5	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW9@16-16.5	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--
MW-10																							
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-11																							
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--

Historical Soil Analytical Data
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO (mg/kg)	TOG (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)	TCE (mg/kg)
MW-12B																							
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17** e	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430** e	<0.50 e	<0.50 e	**3.4** e	**7.6** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12** e	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76** e	**0.0099** e,f	**0.011** e,f	**1.5** e	**3.1** e	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034** e,f	<0.025 e	<0.25 e	--	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015** f	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-13B																							
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500** e	**2.9** e	**250** e	**85** e	**660** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200** e	**1.2** e	**86** e	**38** e	**220** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620** e	<1.2 e	**12** e	**14** e	**73** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480** e	<0.50 e	**2.1** e	**11** e	**47** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12** e	**0.040** e,f	**0.78** e	**0.38** e	**1.9** e	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030** e,f	<0.050 e	<0.50 e	--	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7** e	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** f	<0.0050	<0.050	--	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--	--
MW-14B																							
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-15B																							
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
Oil Water Separator Removal																							
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	<0.5	**160**	**99**	**12**	**69**	--

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPH-DRO	Total petroleum hydrocarbons as diesel range organics
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPH-GRO	Total purgeable petroleum hydrocarbons as gasoline range organics
1,2-DCA	1,2-Dichloroethane	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol		

1	Analyzed by EPA Method 3550/8015M
2	Analyzed by Standard Method 5520 E&F (Gravimetric)
3	Analyzed by EPA Method 5030/8015M between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
4	Analyzed by EPA Method 8020 between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
5	Analyzed by EPA Method 8260B
6	Analyzed by EPA Method 6000/7000
a	Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 0.0064 mg/kg. The additional HVOCs were reported as non-detect.
b	Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c	Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d	The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e	The PQL'S and MDL's was raised due to sample dilution.
f	Estimated Value (CLP Flags)

Historical Soil Vapor Data
76 Service Station No. 6390
San Mateo, California

Sample ID	Date Sampled	Leak-Check Compund (µg/m3) 2-Propanol	TPPH (µg/m3)	Benzene (µg/m3)	Toluene (µg/m3)	Ethylbenzen (µg/m3)	m,p-Xylene (µg/m3)	o-Xylene (µg/m3)	1,2-DCA (µg/m3)	1,3-DCB (µg/m3)	1,4-DCB (µg/m3)	EDB (µg/m3)	ETBE (µg/m3)	Ethanol (µg/m3)	IPE (µg/m3)	MTBE (µg/m3)	TAME (µg/m3)	TBA (µg/m3)	Oxygen (%)	Methane (%)	Carbon Dioxide (%)
VP-1	1/19/2007	<7.2	<0.15	<2.3	**16**	<3.2	**8.2**	<3.2	<3.0	<4.4	<4.4	<5.6	<12	<5.5	<12	<2.6	<12	<22	**22**	<0.00015	**0.46**
VP-1	2/1/2007	<6.6	<0.14	<2.1	**5.4**	<2.9	**6.3**	**3.5**	<2.7	<4.0	<4.0	<5.1	<11	<5.0	<11	<2.4	<11	<20	**21**	<0.00013	**0.52**
VP-2	1/19/2007	<6.8	<0.14	<2.2	**3.4**	**3.2**	**3.5**	**13**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**22**	<0.00014	**0.63**
duplicate	1/19/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	<0.00014	**0.64**
VP-2	2/1/2007	<6.8	<0.14	<2.2	<2.6	<3.0	<3.0	**6.3**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**21**	<0.00014	**0.55**
VP-3	1/19/2007	<7.3	**0.75**	<2.2	**13**	**14**	**42**	**29**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	**21**	<0.00015	**0.98**
duplicate	1/19/2007	<7.3	--	<2.4	**13**	**15**	**43**	**30**	<3.0	<4.5	<4.5	<5.7	<12	<5.6	<12	<2.7	<12	<22	--	--	--
VP-3	2/1/2007	**12**	**0.27**	<2.2	**3.7**	**5.8**	**7.8**	**12**	<2.8	<4.2	<4.2	<5.3	<12	<5.2	<12	<2.5	<12	<21	**20**	<0.00014	**1.0**
duplicate	2/1/2007	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Subslab	2/6/2007	**16**	<0.23	<3.6	<4.2	<4.8	<4.8	<4.8	<4.5	<6.7	<6.7	<8.6	<19	<8.4	<19	<4.0	<19	<34	**20**	<0.00022	**1.7**

<	Denotes less than laboratory reporting limits	1,3-DCB	1,3-Dichlorobenzene	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether
%	Percent	1,4-DCB	1,4-Dichlorobenzene	ETBE	Ethyl tertiary butyl ether	TPPH	Total purgeable petroleum hydrocarbons
µg/L	Micrograms per liter	1,2-DCA	1,2-Dichloroethane	IPE	Isopropyl ether	TBA	Tertiary butyl alcohol
µg/m3	Micrograms per cubic meter	EDB	Ethylene dibromide or 1,2-Dibromoethane	MTBE	Methyl tertiary butyl ether		

1 Analyzed by Modified EPA Method TO-3 GC/FID as TPH (total petroleum hydrocarbons -gasoline range)
2 Analyzed by Modified EPA Method TO-14A GC/MS Full Scan
3 Analyzed by ASTM D-1946

Appendix E

Historical Groundwater Analytical Data

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Total Purgeable Hydrocarbons (ug/L)
MW-1	6/15/1994	14.87	15.42	NP	-0.55	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<50
	9/26/1994	14.87	17.80	NP	-2.93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	<50
	10/20/1994	14.87	17.90	NP	-3.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/18/1994	14.87	15.42	NP	-0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/1994	14.87	14.84	NP	0.03	58	<0.50	<0.50	0.99	4.2	--	--	--	--	--	--	--	--	58
	1/24/1995	14.87	10.00	NP	4.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/1995	14.87	11.50	NP	3.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/7/1995	14.87	9.20	NP	5.67	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	<50
	5/31/1995	14.87	12.70	NP	2.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/24/1995	14.87	13.81	NP	1.06	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	<50
	7/25/1995	14.87	15.17	NP	-0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/8/1995	14.87	16.70	NP	-1.83	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	<50
	12/8/1995	14.87	17.96	NP	-3.09	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	<50
	3/8/1996	14.87	7.85	NP	7.02	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	<50
	5/29/1996	14.87	13.27	NP	1.6	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	<50
	8/27/1996	14.87	16.61	NP	-1.74	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	<50
	11/18/1996	14.87	17.01	NP	-2.14	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	<50
	2/20/1997	14.87	8.96	NP	5.91	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	<50
	5/27/1997	14.87	15.37	NP	-0.5	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	<50
	8/26/1997	14.87	17.01	NP	-2.14	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	<50
	11/25/1997	14.87	16.50	NP	-1.63	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	<50
	2/20/1997	14.5	8.61	NP	5.89	<250	76	3.1	<2.5	13	1200	--	--	--	--	--	--	--	<250
	5/27/1997	14.5	15.03	NP	-0.53	39000	3700	11000	1200	6700	4200	--	--	--	--	--	--	--	39000
	8/26/1997	14.5	16.89	NP	-2.39	69000	7200	20000	2900	17000	4500	--	--	--	--	--	--	--	69000
	11/25/1997	14.5	15.96	NP	-1.46	110000	5800	21000	3400	20000	3400	--	--	--	--	--	--	--	110000
	2/13/1998	14.5	5.75	NP	8.75	10000	850	510	170	2000	630	--	--	--	--	--	--	--	10000
	5/21/1998	14.5	11.78	NP	2.72	38000	3300	6700	1200	5800	2200	--	--	--	--	--	--	--	38000
	8/17/1998	14.5	15.20	NP	-0.7	79000	6100	12000	3000	17000	3700	--	--	--	--	--	--	--	79000
	11/19/1998	14.5	16.05	NP	-1.55	430	27	20	23	120	17	--	--	--	--	--	--	--	430
	2/15/1999	14.5	10.88	NP	3.62	7600	900	170	340	1500	800	--	--	--	--	--	--	--	7600
	5/13/1999	14.5	12.59	NP	1.91	53000	4100	7900	2200	12000	1800	--	--	--	--	--	--	--	53000
	8/10/1999	14.5	15.35	NP	-0.85	59000	3300	5300	2600	17000	1700	--	--	--	--	--	--	--	59000
	11/9/1999	14.5	16.20	NP	-1.7	29900	2070	1530	1610	5820	1300	--	--	--	--	--	--	--	29900
	2/14/2000	14.5	10.25	NP	4.25	6460	716	140	478	942	636	--	--	--	--	--	--	--	6460
	5/18/2000	14.5	13.51	NP	0.99	27400	1830	3400	1500	6160	1230	--	--	--	--	--	--	--	27400
	8/9/2000	14.5	16.28	NP	-1.78	36900	2400	450	2060	9510	1220	--	--	--	--	--	--	--	36900
	11/8/2000	14.5	16.08	NP	-1.58	50300	3110	2960	2550	12000	872	--	--	--	--	--	--	--	50300
	2/14/2001	14.5	13.18	NP	1.32	8090	700	55.9	630	597	841	--	--	--	--	--	--	--	8090
	8/15/2001	14.5	16.65	NP	-2.15	13000	1500	910	1300	1300	910	--	--	--	--	--	--	--	13000
	2/13/2002	14.5	12.38	NP	2.12	23000	1600	2400	1500	4200	640	--	--	--	--	--	--	--	23000
	8/26/2002	14.5	16.17	NP	-1.67	32000	1600	900	2100	6300	<250	--	--	--	--	--	--	--	32000
	2/18/2003	14.5	12.01	NP	2.49	600	93	13	3.4	46	98	--	--	--	--	--	--	--	600
	8/21/2003	14.5	15.23	NP	-0.73	25000	1300	330	1400	5400	460	--	--	--	--	--	--	--	25000
	3/30/2004	14.5	11.18	NP	3.32	9800	790	800	1000	1900	400	--	--	--	--	--	--	--	9800
	8/18/2004	14.5	16.00	NP	-1.5	14000	1100	150	2000	2000	600	--	--	--	--	--	--	--	14000
	3/10/2005	19.11	9.53	NP	9.58	160	16	14	9.7	14	34	--	--	--	--	--	--	--	160
	8/11/2005	19.11	15.03	NP	4.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/30/2005	19.11	NG	NG	NG	3400	370	23	750	220	220	--	--	--	--	--	--	--	3400
	3/2/2006	19.11	11.89	NP	7.22	4100	240	85	160	420	140	--	--	--	--	--	--	--	4100
	8/2/2006	19.11	14.99	NP	4.12	5800	380	12	840	370	130	--	--	--	--	--	--	--	5800
MW-3	6/15/1994	16.07	16.71	NP	-0.64	2400	170	270	32	290	--	--	--	--	--	--	--	--	2400
	9/26/1994	16.07	19.06	NP	-2.99	4800	490	500	110	350	--	--	--	--	--	--	--	--	4800
	10/20/1994	16.07	19.17	NP	-3.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/18/1994	16.07	16.66	NP	-0.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/1994	16.07	16.12	NP	-0.05	11000	380	400	72	130	--	--	--	--	--	--	--	--	11000
	1/24/1995	16.07	11.28	NP	4.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/24/1995	16.07	12.78	NP	3.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/7/1995	16.07	10.47	NP	5.6	1400	95	160	26	91	--	--	--	--	--	--	--	--	1400
	5/31/1995	16.07	13.90	NP	2.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Total Purgeable Hydrocarbons (ug/L)
MW-3	6/24/1995	16.07	15.07	NP	1	380	180	7.3	<2.5	21	--	--	--	--	--	--	--	--	380
	7/25/1995	16.07	16.45	NP	-0.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/8/1995	16.07	17.95	NP	-1.88	1300	220	200	43	180	--	--	--	--	--	--	--	--	1300
	12/8/1995	16.07	19.25	NP	-3.18	350	51	43	11	36	--	--	--	--	--	--	--	--	350
	3/8/1996	16.07	9.15	NP	6.92	3200	1300	99	68	240	1700	--	--	--	--	--	--	--	3200
	5/29/1996	16.07	14.58	NP	1.49	1300	350	120	42	120	1300	--	--	--	--	--	--	--	1300
	8/27/1996	16.07	17.90	NP	-1.83	14000	650	210	82	250	1200	--	--	--	--	--	--	--	14000
	11/18/1996	16.07	18.19	NP	-2.12	1700	440	90	21	150	1600	--	--	--	--	--	--	--	1700
	2/20/1997	16.07	9.42	NP	6.65	<50	1.3	<0.50	<0.50	<0.50	200	--	--	--	--	--	--	--	<50
	5/27/1997	16.07	16.67	NP	-0.6	12000	1700	1000	520	2900	2400	--	--	--	--	--	--	--	12000
	8/26/1997	16.07	18.32	NP	-2.25	6400	1800	100	430	1300	2400	--	--	--	--	--	--	--	6400
	11/25/1997	16.07	17.40	NP	-1.33	7800	2000	190	420	750	2700	--	--	--	--	--	--	--	7800
	2/13/1998	16.07	6.55	NP	9.52	3900	1000	<25	180	150	1700	--	--	--	--	--	--	--	3900
	5/21/1998	16.07	13.11	NP	2.96	320	180	<2.0	<2.0	3.5	490	--	--	--	--	--	--	--	320
	8/17/1998	16.07	16.51	NP	-0.44	115	25	0.99	7.3	10	18	--	--	--	--	--	--	--	115
	11/19/1998	16.07	17.47	NP	-1.4	4600	1500	<12	430	190	1800	--	--	--	--	--	--	--	4600
	2/15/1999	16.07	12.35	NP	3.72	2400	910	6.5	200	110	1200	--	--	--	--	--	--	--	2400
	5/13/1999	16.07	13.96	NP	2.11	1900	640	<5.0	48	77	1100	--	--	--	--	--	--	--	1900
	8/10/1999	16.07	16.08	NP	-0.01	14000	2600	<50	680	2000	2000	--	--	--	--	--	--	--	14000
	11/9/1999	16.07	17.60	NP	-1.53	5060	1330	<20	292	282	1440	--	--	--	--	--	--	--	5060
	2/14/2000	16.07	11.64	NP	4.43	4400	1140	64.2	346	338	946	--	--	--	--	--	--	--	4400
	5/18/2000	16.07	14.89	NP	1.18	2770	884	<10	140	109	735	--	--	--	--	--	--	--	2770
	8/9/2000	16.07	17.71	NP	-1.64	23600	2790	2470	1470	4230	1130	--	--	--	--	--	--	--	23600
	11/8/2000	16.07	17.51	NP	-1.44	62100	3480	16000	2120	9460	540	--	--	--	--	--	--	--	62100
	2/14/2001	16.07	14.58	NP	1.49	32800	2540	2660	2460	7740	320	--	--	--	--	--	--	--	32800
	8/15/2001	16.07	17.95	NP	-1.88	7700	1000	<20	830	1500	660	--	--	--	--	--	--	--	7700
	2/13/2002	16.07	13.72	NP	2.35	2300	340	20	170	200	110	--	--	--	--	--	--	--	2300
	8/26/2002	16.07	17.61	NP	-1.54	5900	960	<25	800	1000	330	--	<5000	--	--	--	--	--	5900
	2/18/2003	16.07	13.32	NP	2.75	770	160	37	9.7	70	46	--	--	--	--	--	--	--	770
	8/21/2003	16.07	16.70	NP	-0.63	18000	1100	260	1100	4000	370	--	--	--	--	--	--	--	18000
	3/30/2004	16.07	13.35	NP	2.72	720	140	<1.0	6	14	47	--	--	--	--	--	--	--	720
	8/18/2004	16.07	17.43	NP	-1.36	3500	740	<2.5	25	15	150	--	--	--	--	--	--	--	3500
	3/10/2005	20.69	10.89	NP	9.8	130	43	1	1	6.2	19	--	--	--	--	--	--	--	130
	8/11/2005	20.69	16.44	NP	4.25	1900	260	6.1	12	26	140	--	--	--	--	--	--	--	1900
	3/1/2006	20.69	13.29	NP	7.4	2100	330	3.6	14	58	120	--	--	--	--	--	--	--	2100
	8/2/2006	20.69	16.37	NP	4.32	2100	230	11	44	240	85	--	--	--	--	--	--	--	2100
MW-4	4/7/1995	14.38	9.15	NP	5.23	150000	12000	40000	4700	31000	--	--	--	--	--	--	--	--	150000
	5/31/1995	14.38	12.72	NP	1.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/24/1995	14.38	13.83	NP	0.55	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	900
	7/25/1995	14.38	15.15	NP	-0.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/8/1995	14.38	16.51	NP	-2.13	120000	11000	37000	3300	18000	--	--	--	--	--	--	--	--	120000
	12/8/1995	14.38	17.82	NP	-3.44	11000	680	1400	350	1300	--	--	--	--	--	--	--	--	11000
	3/8/1996	14.38	7.88	NP	6.50	44000	3400	11000	1300	7200	1700	--	--	--	--	--	--	--	44000
	5/29/1996	14.38	13.30	NP	1.08	100000	5100	28000	3200	19000	4000	--	--	--	--	--	--	--	100000
	8/27/1996	14.38	16.65	NP	-2.27	41000	2200	3300	780	4000	500	--	--	--	--	--	--	--	41000
	11/18/1996	14.38	17.05	NP	-2.67	29000	2300	4000	1100	5600	3000	--	--	--	--	--	--	--	29000
	2/20/1997	14.38	8.73	NP	5.65	<250	65	3.7	<2.5	15	1100	--	--	--	--	--	--	--	<250
	5/27/1997	14.38	15.17	NP	-0.79	5500	690	460	200	1600	290	--	--	--	--	--	--	--	5500
	8/26/1997	14.38	16.91	NP	-2.53	21000	1600	3000	1000	5400	530	--	--	--	--	--	--	--	21000
	11/25/1997	14.38	15.87	NP	-1.49	24000	1000	2300	840	4800	250	--	--	--	--	--	--	--	24000

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76 STATION NO. 6390

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Total Purgeable Hydrocarbons (ug/L)
MW-4	2/13/1998	14.38	5.80	NP	8.58	62	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	62
	5/21/1998	14.38	11.86	NP	2.52	86	0.86	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	86
	8/17/1998	14.38	15.16	NP	-0.78	120	3.1	6.5	<0.50	18	6.4	--	--	--	--	--	--	--	120
	11/19/1998	14.38	16.15	NP	-1.77	230	7.8	42	5.5	43	<2.5	--	--	--	--	--	--	--	230
	2/15/1999	14.38	10.91	NP	3.47	68	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	68
	5/13/1999	14.38	12.71	NP	1.67	<50	<0.50	<0.50	<0.50	<0.50	3	--	--	--	--	--	--	--	<50
	8/10/1999	14.38	15.42	NP	-1.04	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	<50
	11/9/1999	14.38	16.27	NP	-1.89	1320	38	211	50	228	<25	--	--	--	--	--	--	--	1320
	2/14/2000	14.38	10.19	NP	4.19	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	<50
	5/18/2000	14.38	13.58	NP	0.80	51.3	<0.50	<0.50	<0.50	<0.50	9.86	--	--	--	--	--	--	--	51.3
	8/9/2000	14.38	16.36	NP	-1.98	534	8.75	62	26.3	131	2.56	--	--	--	--	--	--	--	534
	11/8/2000	14.38	16.22	NP	-1.84	2190	34	347	70.6	536	<12.5	--	--	--	--	--	--	--	2190
	2/14/2001	14.38	13.12	NP	1.26	287	5.37	13.4	9.52	32.9	16.9	--	--	--	--	--	--	--	287
	8/15/2001	14.38	16.52	NP	-2.14	490	4.2	48	20	140	2.7	--	--	--	--	--	--	--	490
	2/13/2002	14.38	12.45	NP	1.93	58	2.3	<0.50	<0.50	1.6	21	--	--	--	--	--	--	--	58
	8/26/2002	14.38	16.24	NP	-1.86	180	1.5	15	1.1	55	<2.5	--	--	--	--	--	--	--	180
	2/18/2003	14.38	12.12	NP	2.26	550	58	3.5	<0.50	110	33	--	--	--	--	--	--	--	550
	8/21/2003	14.38	15.30	NP	-0.92	120	<0.50	<0.50	<0.50	1.2	<2.0	--	--	--	--	--	--	--	120
	3/30/2004	14.38	12.08	NP	2.30	220	0.91	<0.50	1.5	1.3	24	--	--	--	--	--	--	--	220
	8/18/2004	14.38	16.17	NP	-1.79	81	<0.50	<0.50	0.6	2.8	<0.50	--	--	--	--	--	--	--	81
	3/10/2005	14.38	9.59	NP	4.79	8600	290	360	560	1800	41	--	--	--	--	--	--	--	8600
	8/11/2005	14.38	15.11	NP	-0.73	140	3.9	6.1	2.2	7.7	0.23	--	--	--	--	--	--	--	140
	3/1/2006	19.02	11.91	NP	7.11	2800	70	37	200	370	43	--	--	--	--	--	--	--	2800
	8/2/2006	19.02	15.08	NP	3.94	170	<0.50	<0.50	<0.50	<0.50	0.84	--	--	--	--	--	--	--	170
	1/26/2007	19.02	14.91	NP	4.11	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	<50
	8/28/2007	19.02	16.85	NP	2.17	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	<50
	2/1/2008	19.02	10.32	NP	8.70	1800	52	5	7.6	410	8	--	--	--	--	--	--	--	1800
	7/3/2008	19.02	16.32	NP	2.7	73	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	73
	8/18/2008	19.01	16.96	NP	2.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	19.01	15.48	NP	3.53	130	<0.50	<0.50	0.92	2.8	<0.50	--	--	--	--	--	--	--	--
	7/30/2009	19.01	17	NP	2.01	88	<0.50	<0.50	<0.50	<1.0	0.57	--	--	--	--	--	--	--	88
	1/18/2010	19.01	14.89	NP	4.12	51.2	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
	3/30/2010	19.01	12.39	NP	6.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/14/2010	19.01	15.49	NP	3.52	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	19.01	11.83	NP	7.18	56.4	0.65	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
MW-5	4/7/1995	14.25	9.11	NP	5.14	5400	800	330	38	580	--	--	--	--	--	--	--	--	5400
	5/31/1995	14.25	12.69	NP	1.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/24/1995	14.25	13.80	NP	0.45	260	19	2.5	<2.0	<2.0	--	--	--	--	--	--	--	--	260
	7/25/1995	14.25	15.10	NP	-0.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/8/1995	14.25	16.51	NP	-2.26	360	77	7.3	6.9	14	--	--	--	--	--	--	--	--	360
	12/8/1995	14.25	17.77	NP	-3.52	200	25	1	0.52	1.9	--	--	--	--	--	--	--	--	200
	3/8/1996	14.25	7.79	NP	6.46	310	93	0.95	0.62	4.1	2100	--	--	--	--	--	--	--	310
	5/29/1996	14.25	13.27	NP	0.98	180	9.7	12	1.7	8.1	730	--	--	--	--	--	--	--	180
	8/27/1996	14.25	16.50	NP	-2.25	<50	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--	<50
	11/18/1996	14.25	17.08	NP	-2.83	91	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--	--	--	--	91
	2/20/1997	14.25	8.78	NP	5.47	<50	2.3	<0.50	<0.50	0.87	280	--	--	--	--	--	--	--	<50
	5/27/1997	14.25	15.23	NP	-0.98	91	<0.50	<0.50	<0.50	0.62	20	--	--	--	--	--	--	--	91
	8/26/1997	14.25	16.88	NP	-2.63	81	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	81
	11/25/1997	14.25	15.92	NP	-1.67	110	1.4	1.1	0.55	3.1	9	--	--	--	--	--	--	--	110
	2/12/1998	14.25	5.72	NP	8.53	100	0.53	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--	100
	5/21/1998	14.25	11.64	NP	2.61	120	1.4	<0.50	<0.50	<0.50	73	--	--	--	--	--	--	--	120
	8/17/1998	14.25	15.12	NP	-0.87	110	110	<0.50	<0.50	<0.50	11	--	--	--	--	--	--	--	110
	11/19/1998	14.25	16.11	NP	-1.86	100	1.2	<0.50	0.5	0.88	13	--	--	--	--	--	--	--	100

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
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Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Total Purgeable Hydrocarbons (ug/L)
MW-5	2/15/1999	14.25	10.88	NP	3.37	110	<0.50	<0.50	<0.50	8.8	8.8	--	--	--	--	--	--	--	110
	5/13/1999	14.25	12.67	NP	1.58	98	<0.50	<0.50	<0.50	<0.50	7.1	--	--	--	--	--	--	--	98
	8/10/1999	14.25	15.40	NP	-1.15	120	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	120
	11/9/1999	14.25	16.22	NP	-1.97	120	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	120
	2/14/2000	14.25	10.07	NP	4.18	133	<0.50	<0.50	<0.50	<0.50	13.3	--	--	--	--	--	--	--	133
	5/18/2000	14.25	13.55	NP	0.7	114	<0.50	<0.50	<0.50	<0.50	24.1	--	--	--	--	--	--	--	114
	8/9/2000	14.25	16.50	NP	-2.25	180	0.526	2.09	<0.50	2.19	7.76	--	--	--	--	--	--	--	180
	11/8/2000	14.25	16.33	NP	-2.08	131	<0.50	<0.50	<0.50	<0.50	2.86	--	--	--	--	--	--	--	131
	2/14/2001	14.25	13.07	NP	1.18	175	<0.50	0.538	<0.50	0.69	13.4	--	--	--	--	--	--	--	175
	8/15/2001	14.25	16.55	NP	-2.3	390	3.4	38	16	110	<2.5	--	--	--	--	--	--	--	390
	2/13/2002	14.25	12.42	NP	1.83	100	1.4	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	--	100
	8/26/2002	14.25	16.21	NP	-1.96	310	7.2	33	4.6	76	<2.5	--	--	--	--	--	--	--	310
	2/18/2003	14.25	12.08	NP	2.17	400	64	<1.0	<1.0	6.4	210	--	--	--	--	--	--	--	400
	8/21/2003	14.25	15.29	NP	-1.04	310	3.3	4.3	1.1	14	2.1	--	--	--	--	--	--	--	310
	3/30/2004	14.25	12.01	NP	2.24	360	13	<0.50	<0.50	<1.0	73	--	--	--	--	--	--	--	360
	8/18/2004	14.25	16.04	NP	-1.79	50000	740	830	2200	20000	120	--	--	--	--	--	--	--	50000
	3/10/2005	18.89	9.48	NP	9.41	530	7.8	<1.0	<1.0	2.4	320	--	--	--	--	--	--	--	530
	8/11/2005	18.89	15.07	NP	3.82	350	12	6.3	2.5	32	3.2	--	--	--	--	--	--	--	350
	3/1/2006	18.89	11.82	NP	7.07	460	2.8	<0.50	<0.50	<1.0	43	--	--	--	--	--	--	--	460
	8/2/2006	18.89	15.04	NP	3.85	370	<0.50	<0.50	<0.50	<0.50	9.4	--	--	--	--	--	--	--	370
MW-6	1/26/2007	19.07	14.79	NP	4.28	67000	380	8600	3600	17000	62	--	--	--	--	--	--	--	67000
	8/28/2007	19.07	16.75	NP	2.32	67000	520	6300	4600	25000	100	--	--	--	--	--	--	--	67000
	2/1/2008	19.07	10.80	NP	8.27	69000	720	5000	3100	21000	130	--	--	--	--	--	--	--	69000
	7/3/2008	19.07	16.21	NP	2.86	86,000	600	4700	4000	26000	100	--	--	--	--	--	--	--	86000
	8/18/2008	19.08	16.87	NP	2.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	19.08	15.41	NP	3.65	57000	1200	15000	2700	13000	110	--	--	--	--	--	--	--	--
	7/30/2009	19.08	16.21	NP	2.87	68000	1000	3600	4300	25000	210	--	--	--	--	--	--	--	68000
	1/18/2010	19.08	14.74	NP	4.32	54900	2020	8090	3340	17700	171	--	--	--	--	--	--	--	--
	3/30/2010	19.08	12.31	NP	6.77	--	--	--	--	27600	--	--	<250	--	--	--	--	--	--
	7/14/2010	19.08	15.38	NP	3.68	107000	1410	3240	4090	17900	142	134	<250	<0.50	<0.50	0.54	<1.0	<1.0	--
	1/6/2011	19.08	11.70	NP	7.36	47500	1510	2340	2750	10600	194	14.1	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
MW-7	1/26/2007	21.74	17.17	NP	4.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	<50
	8/28/2007	21.74	19.19	NP	2.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	<50
	2/1/2008	21.74	12.64	NP	9.10	160	0.99	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	160
	7/3/2008	21.74	18.6	NP	3.14	130	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	130
	8/18/2008	21.74	19.34	NP	2.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	21.74	17.8	NP	3.94	140	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
	7/30/2009	21.74	19.2	NP	2.54	150	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	150
	1/18/2010	21.74	17.17	NP	4.57	191	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
	3/30/2010	21.74	14.83	NP	6.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/14/2010	21.74	17.78	NP	3.96	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	21.74	14.13	NP	7.61	99.9	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
MW-8	1/26/2007	18.42	14.09	NP	4.33	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	<50
	8/28/2007	18.42	15.98	NP	2.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	<50
	2/1/2008	18.42	9.66	NP	8.76	59	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	59
	7/3/2008	18.42	14.57	NP	3.85	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	<50
	8/18/2008	18.42	16.11	NP	2.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	18.42	14.64	NP	3.78	77	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
	7/30/2009	18.42	16.16	NP	2.26	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	<50
	1/18/2010	18.42	14.03	NP	4.39	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
	3/30/2010	18.42	11.53	NP	6.89	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	<50
	7/14/2010	18.42	14.69	NP	3.73	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	18.42	11.09	NP	7.33	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--

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Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Total Purgeable Hydrocarbons (ug/L)
MW-9	1/26/2007	19.42	14.90	NP	4.52	<50	<0.50	<0.50	<0.50	0.73	<0.50	--	--	--	--	--	--	--	50
	8/28/2007	19.42	14.98	NP	4.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/1/2008	19.42	10.50	NP	8.92	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	<50
	8/18/2008	19.42	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/3/2008	19.42	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	19.42	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	19.42	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/18/2010	19.42	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	19.42	12.62	NP	6.8	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	<50
	7/14/2010	19.42	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/2011	19.42	11.90	NP	7.52	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
MW-10	8/18/2008	19.17	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	19.17	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	19.17	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/18/2010	19.17	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	19.17	12.47	NP	6.7	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	<50
	7/14/2010	19.17	dry	dry	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/2011	19.17	12.16	NP	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/18/2008	19.23	14.71	NP	4.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	19.23	14.80	NP	4.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	19.23	14.83	NP	4.4	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	<50
	1/18/2010	19.23	14.62	NP	4.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/14/2010	19.23	14.53	NP	4.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/2011	19.23	13.05	NP	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B	8/18/2008	18.68	16.99	NP	1.69	290	<0.50	<0.50	0.7	1.9	3.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	290
	1/30/2009	18.68	15.50	NP	3.18	1300	<1.2	<1.2	2.3	7.7	<1.2	--	--	--	--	--	--	--	--
	7/30/2009	18.68	17.07	NP	1.61	300	<1.0	<1.0	<1.0	2.9	1.5	--	--	--	--	--	--	--	--
	1/18/2010	18.68	14.91	NP	3.77	221	1.9	1.7	1.7	5.8	<0.50	--	--	--	--	--	--	--	221
	3/30/2010	18.68	12.24	NP	6.44	--	--	--	--	--	--	--	<250	--	--	--	--	--	--
	7/14/2010	18.68	15.55	NP	3.13	296	<0.50	<0.50	<0.50	<1.5	2.1	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	18.68	11.81	NP	6.87	243	<0.50	<0.50	<0.50	<1.5	0.60	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
MW-13B	8/18/2008	19.14	16.92	NP	2.22	300	3	0.98	<0.50	5.4	3.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	300
	1/30/2009	19.14	15.41	NP	3.73	430	<1.2	<1.2	<1.2	<2.5	<1.2	--	--	--	--	--	--	--	--
	7/30/2009	19.14	17	NP	2.14	390	4.9	<1.0	<1.0	<2.0	3	--	--	--	--	--	--	--	--
	1/18/2010	19.14	14.81	NP	4.33	314	<0.50	<0.50	<0.50	<1.5	1.1	--	--	--	--	--	--	--	314
	3/30/2010	19.14	11.78	NP	7.36	--	--	--	--	--	--	--	<250	--	--	--	--	--	--
	7/14/2010	19.14	15.47	NP	3.67	1340	145	<0.50	4.0	<1.5	91.3	96.6	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	19.14	11.79	NP	7.35	403	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
MW-14B	8/18/2008	18.47	16.26	NP	2.21	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<50
	1/30/2009	18.47	14.81	NP	3.66	85	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
	7/30/2009	18.47	16.31	NP	2.16	61	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
	1/18/2010	18.47	14.20	NP	4.27	<50.0	<0.50	<0.50	0.52	<1.5	<0.50	--	--	--	--	--	--	--	--
	3/30/2010	18.47	11.78	NP	6.69	--	--	--	--	--	--	--	<250	--	--	--	--	--	--
	7/14/2010	18.47	14.80	NP	3.67	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	18.47	11.18	NP	7.29	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--

TABLE 3

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA

76 STATION NO. 6390

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	TBA (ug/L)	Ethanol (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	Total Purgeable Hydrocarbons (ug/L)
MW-15B	8/18/2008	19.12	17.32	NP	1.80	61	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	61
	1/30/2009	19.12	15.80	NP	3.32	110	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	110
	7/30/2009	19.12	17.4	NP	1.72	140	<0.50	<0.50	<0.50	<1.1	<0.51	--	--	--	--	--	--	--	140
	1/18/2010	19.12	15.21	NP	3.91	81.8	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	81.8
	3/30/2010	19.12	12.69	NP	6.43	--	--	--	--	--	--	--	<250	--	--	--	--	--	--
	7/14/2010	19.12	15.82	NP	3.30	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--
	1/6/2011	19.12	12.10	NP	7.02	93.1	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<250	<0.50	<0.50	<0.50	<1.0	<1.0	--

Gauging Notes:

TOC - Top of Casing

ft - Feet

NP - LNAPL not present

LNAPL - Light non-aqueous phase liquid

* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)

NG - Not gauged

NSVD - Not surveyed

DRY - Well is dry

-- - No information available

Analytical Notes:

-- - No information available

< - Not detected at or above indicated laboratory reporting limit

ug/L - micrograms/liter

GRO- gasoline range organics

MTBE- Methyl tertiary-butyl ether

TBA- Tertiary-butyl alcohol

DIPE- Di-isopropyl ether

ETBE- Ethyl tertiary-butyl ether

TAME- Tertiary-amyl methyl ether

TABLE 3A
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 STATION NO. 6390
402 DELAWARE STREET
SAN MATEO, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA																	
		1,1,1-Trichloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	1,2-Dichlorobenzene (ug/L)	1,2-Dichloroethene (Total) (ug/L)	1,2-Dichloropropane (ug/L)	1,3-Dichlorobenzene (ug/L)	1,4-Dichlorobenzene (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Bromomethane (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Chloromethane (ug/L)
MW-4	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/6/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12B	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	28.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	20.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15B	7/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Analytical Notes:
-- - No information available
< - Not detected at or above indicated laboratory reporting limit
ug/L - micrograms/liter

TABLE 3B
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 STATION NO. 6390
402 DELAWARE STREET
SAN MATEO, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA											
		cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Dichlorodifluoromethane (ug/L)	Freon 113 (ug/L)	Methylene chloride (ug/L)	Tetrachloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl chloride (ug/L)
MW-4	1/26/2007	--	--	--	--	--	--	83	--	--	--	--	--
	8/28/2007	--	--	--	--	--	--	43	--	--	--	--	--
	2/1/2008	8.9	--	--	--	--	--	68	--	--	8.1	--	--
	7/3/2008	3.8	--	--	--	--	--	54	--	--	5.5	--	--
	8/18/2008	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	2.9	--	--	--	--	--	--	--	--	48	4.7	--
	1/30/2009	--	--	--	--	--	--	--	--	--	--	--	--
	1/18/2010	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	5.9	--	--	--	--	--	--	--	--	48.2	7.1	--
	7/14/2010	3.3	<1.0	<1.0	<1.0	<1.0	<4.0	37.2	<1.0	<1.0	4.2	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	25.3	--	--	--	--	--
MW-6	1/26/2007	--	--	--	--	--	--	0.5	--	--	--	--	--
	8/28/2007	--	--	--	--	--	--	<50	--	--	--	--	--
	2/1/2008	<50	--	--	--	--	--	<50	--	--	<50	--	--
	7/3/2008	<0.50	--	--	--	--	--	<0.50	--	--	<0.50	--	--
	8/18/2008	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2009	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	<0.50	--	--	--	--	--	<0.50	--	--	<0.50	--	--
	1/18/2010	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	4.5	--	--	--	--	--	1.3	--	--	<1.0	--	--
	7/14/2010	1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
MW-13B	8/18/2008	32	--	--	--	--	--	280	--	--	33	--	--
	1/30/2009	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	14	--	--	--	--	--	160	--	--	20	--	--
	1/18/2010	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	45.5	--	--	--	--	--	460	--	--	42.6	--	--
	7/14/2010	20.1	<1.0	<1.0	<1.0	<1.0	<4.0	139	<1.0	<1.0	22.9	<1.0	1.1
	1/6/2011	--	--	--	--	--	--	233	--	--	--	--	--

TABLE 3B
ADDITIONAL HISTORICAL GROUNDWATER ANALYTICAL DATA
76 STATION NO. 6390
402 DELAWARE STREET
SAN MATEO, CALIFORNIA

Well I.D.	Date	GROUNDWATER ANALYTICAL DATA											
		cis-1,2-Dichloroethene (ug/L)	cis-1,3-Dichloropropene (ug/L)	Dibromochloromethane (ug/L)	Dichlorodifluoromethane (ug/L)	Freon 113 (ug/L)	Methylene chloride (ug/L)	Tetrachloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	trans-1,3-Dichloropropene (ug/L)	Trichloroethene (ug/L)	Trichlorofluoromethane (ug/L)	Vinyl chloride (ug/L)
MW-14B	8/18/2008	0.83	--	--	--	--	--	21	--	--	1.4	--	--
	1/30/2009	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	0.77	--	--	--	--	--	27	--	--	1.8	--	--
	1/18/2010	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	<2.0	--	--	--	--	--	38.4	--	--	2.5	--	--
	7/14/2010	1.1	<1.0	<1.0	<1.0	<1.0	<4.0	19.9	<1.0	<1.0	1.6	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	24.3	--	--	--	--	--
MW-15B	8/18/2008	1.9	--	--	--	--	--	60	--	--	2.5	--	--
	1/30/2009	--	--	--	--	--	--	--	--	--	--	--	--
	7/30/2009	6	--	--	--	--	--	100	--	--	4.7	--	--
	1/18/2010	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2010	3.8	--	--	--	--	--	82.7	--	--	2.2	--	--
	7/14/2010	2.9	<1.0	<1.0	<1.0	<1.0	<4.0	36.4	<1.0	<1.0	2.2	<1.0	<1.0
	1/6/2011	--	--	--	--	--	--	60.4	--	--	--	--	--

Analytical Notes:
-- - No information available
< - Not detected at or above indicated laboratory reporting limit
ug/L - micrograms/liter
PCE- tetrachloroethene
TCE- trichloroethene

Appendix F

Soil Boring and Well Installation Permits

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 11- 0595

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500S BLOCK 4TH AVENUE, SAN MATEO

OWNER:
ANTEA GROUP
312 PIERCY ROAD
SAN JOSE

WP0008402 FA0049035
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
CASCADE DRILLING LP

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (6)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND

DENO MILANO
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/22/2011

EXPIRATION DATE: 8/22/2011

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

Paid under permit for SB-7 & MW-17B - demo

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
APR 18 2011
RECEIVED

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 6 WELL/BORING NAMES ~~SB-1 to SB-6~~ SB-3 to SB-5

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station 6390 500 BLOCK OF 4th AVE. ASSESSOR'S PARCEL # _____ (one per permit)

DRILLING LOCATION ADDRESS In street in front of 402 Delaware, in streets by East 4th and Claremont CITY San Mateo

To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ other _____

Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently

Maximum Proposed Depth Wells/Borings 30 (feet) Drilling Method direct push

Boring Diameter 2-3" Casing Diameter _____ Filter Pack Interval _____ Screen Interval _____

Development Method _____ (additional 48 hour staff notification required)

Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 312 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE 408-826-1874 EMAIL doug.umland@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 4-15-2011

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: See Letter of Intent **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Cascade Drilling, L.P. CONTACT PERSON Paul Snelgrove, Operations Manager
ADDRESS 3632 Omec Circle C57 DRILLERS LICENSE # 938110
CITY, STATE, ZIP Rancho Cordova, CA 95742 TELEPHONE/EMAIL 916-638-1169

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** 03/10/2011

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 312 Piercy Road TELEPHONE 408-826-1874
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Name (Please print legibly) Douglas K. Umland

Responsible Professional's Signature _____ **Date:** 4-15-2011

California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

 2011 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2011 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

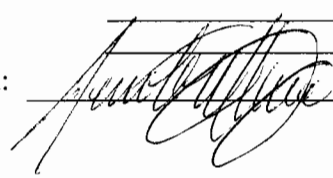
I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS:_____

County Approval:  RO/SD# 534 Date: 4.18.2011

Revised every January 1

FA49035

Gary scan chron file

anteagroup

Antea USA, Inc.
312 Piercy Road
San Jose, California 95138 USA
www.anteagroup.com

RECEIVED
MAR 9 2011
CITY OF SAN MATEO
PUBLIC WORKS DEPARTMENT

March 4, 2011

Okay + Issue GP.
AA — Gary Heap, Senior Engineer
3/14/11

Mr. Gary Heap
Senior Engineer
City of San Mateo Public Works Engineering
330 West 20th Avenue
San Mateo, California, 94403

Re: **Letter of Intent – Soil Borings in East 4th Avenue, South Delaware Street, Claremont Street**
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

Dear Mr. Heap:

Antea™Group has prepared this letter of intent regarding the proposed environmental investigation related to 76 Service Station No. 6390, located at 402 South Delaware Avenue in San Mateo, California (see attached **Site Plan**).

This subsurface investigation was proposed by Delta Consultants (now Antea Group) in a work plan dated October 29, 2010, and approved by the San Mateo County Groundwater Protection Program (SMC-GPP) in their letter dated February 8, 2011. This work is being done to address previously reported occurrences of tetrachloroethylene (PCE, perchloroethylene) at 76 Service Station No. 6390. The environmental investigation work approved by the SMC-GPP which encroaches on City of San Mateo public right-of-ways includes the following:

> *Installation of six (6) borings located in streets around the city block containing 76 Service Station No. 6390. Proposed borings are located in front of the service station in South Delaware Street, and in Claremont Street and East 4th Avenue near the intersection of Claremont Street and East 4th Avenue. Depending on site access, one boring (SB-5) may be moved onto private property. All borings will be advanced to a depth of 30 feet below grade or until groundwater is first encountered for the purpose of soil and groundwater sampling. Upon completion, all borings will be abandoned and finished to match the existing grade. The proposed boring locations are shown on the attached* ***Site Plan****.*

Per San Mateo County drilling permit application instructions, Antea Group will use this Letter of Intent, once approved, as an attachment to the San Mateo County drilling permit application to satisfy the property owner signature requirement. Following San Mateo County approval of the drilling permit application, Antea Group will submit a complete encroachment permit package to the City of San Mateo.

If you have any questions or need additional information, please call me at (408) 826-1868.

Sincerely,

Matt Corley
Staff Professional
(408)826-1868
matt.corley@anteagroup.com
Antea Group

Douglas Umland
Senior Project Manager
(408) 826-1874
doug.umland@anteagroup.com
Antea Group

Attachments:

Site Plan Showing Proposed Work

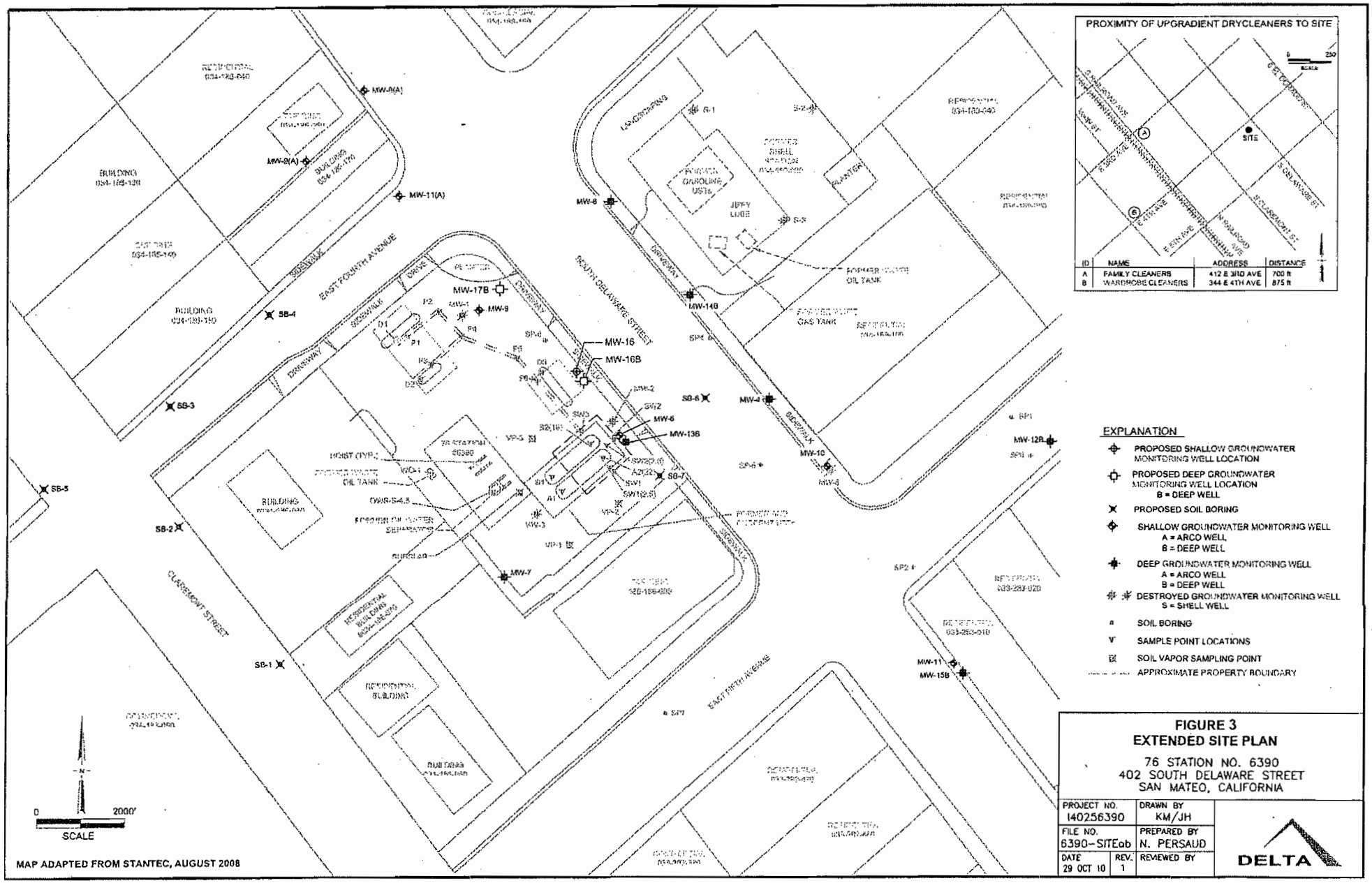


FIGURE 3
EXTENDED SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY KM/JH	DELTA
FILE NO. 6390-SITEab		PREPARED BY N. PERSAUD	
DATE 29 OCT 10	REV. 1	REVIEWED BY	

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 11- 0596

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
400S BLOCK S CLAREMONT ST, SAN MATEO

OWNER:
ANTEA GROUP
312 PIERCY ROAD
SAN JOSE

WP0008403 FA0049034
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
CASCADE DRILLING LP

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (6)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/22/2011

EXPIRATION DATE: 8/22/2011

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

Paid under permit for SB-1 & MW-1 thru -3 done

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 6 WELL/BORING NAMES ~~SB-1 to SB-6~~ SB-1 & SB-2 _____

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station 6390 400 Block S. Claremont St. ASSESSOR'S PARCEL # _____ (one per permit)

DRILLING LOCATION ADDRESS In street in front of 402 Delaware, in streets by East 4th and Claremont CITY San Mateo

To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ other _____

Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently

Maximum Proposed Depth Wells/Borings 30 (feet) Drilling Method direct push

Boring Diameter 2-3" Casing Diameter _____ Filter Pack Interval _____ Screen Interval _____

Development Method _____ (additional 48 hour staff notification required)

Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 312 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE 408-826-1874 EMAIL doug.umland@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 4-15-2011

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: See Letter of Intent **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Cascade Drilling, L.P. CONTACT PERSON Paul Snelgrove, Operations Manager
ADDRESS 3632 Omec Circle C57 DRILLERS LICENSE # 938110
CITY, STATE, ZIP Rancho Cordova, CA 95742 TELEPHONE/EMAIL 916-638-1169

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed ~~above is considered~~ current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** 03/10/2011

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 312 Piercy Road TELEPHONE 408-826-1874
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Name (Please print legibly) Douglas Kirk Umland

Responsible Professional's Signature _____ **Date:** 4-15-2011

California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.**

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

 2011 SUBSURFACE DRILLING PERMIT APPLICATION

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SPECIAL CONDITIONS: _____

County Approval: _____ RO/SD# 554 Date: 4.18.2011

FA49034

Gary scan chen file

anteagroup

Antea USA, Inc.
312 Piercy Road
San Jose, California 95138 USA
www.anteagroup.com

RECEIVED
MAR 9 2011
CITY OF SAN MATEO
PUBLIC WORKS DEPARTMENT

March 4, 2011

Olcy + Issue. GP.
Gary Heap, Senior Engineer
3/14/11

Mr. Gary Heap
Senior Engineer
City of San Mateo Public Works Engineering
330 West 20th Avenue
San Mateo, California, 94403

Re: **Letter of Intent – Soil Borings in East 4th Avenue, South Delaware Street, Claremont Street**
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

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If you have any questions or need additional information, please call me at (408) 826-1868.

Sincerely,

Matt Corley
Staff Professional
(408)826-1868
matt.corley@anteagroup.com
Antea Group

Douglas Umland
Senior Project Manager
(408) 826-1874
doug.umland@anteagroup.com
Antea Group

Attachments:

Site Plan Showing Proposed Work

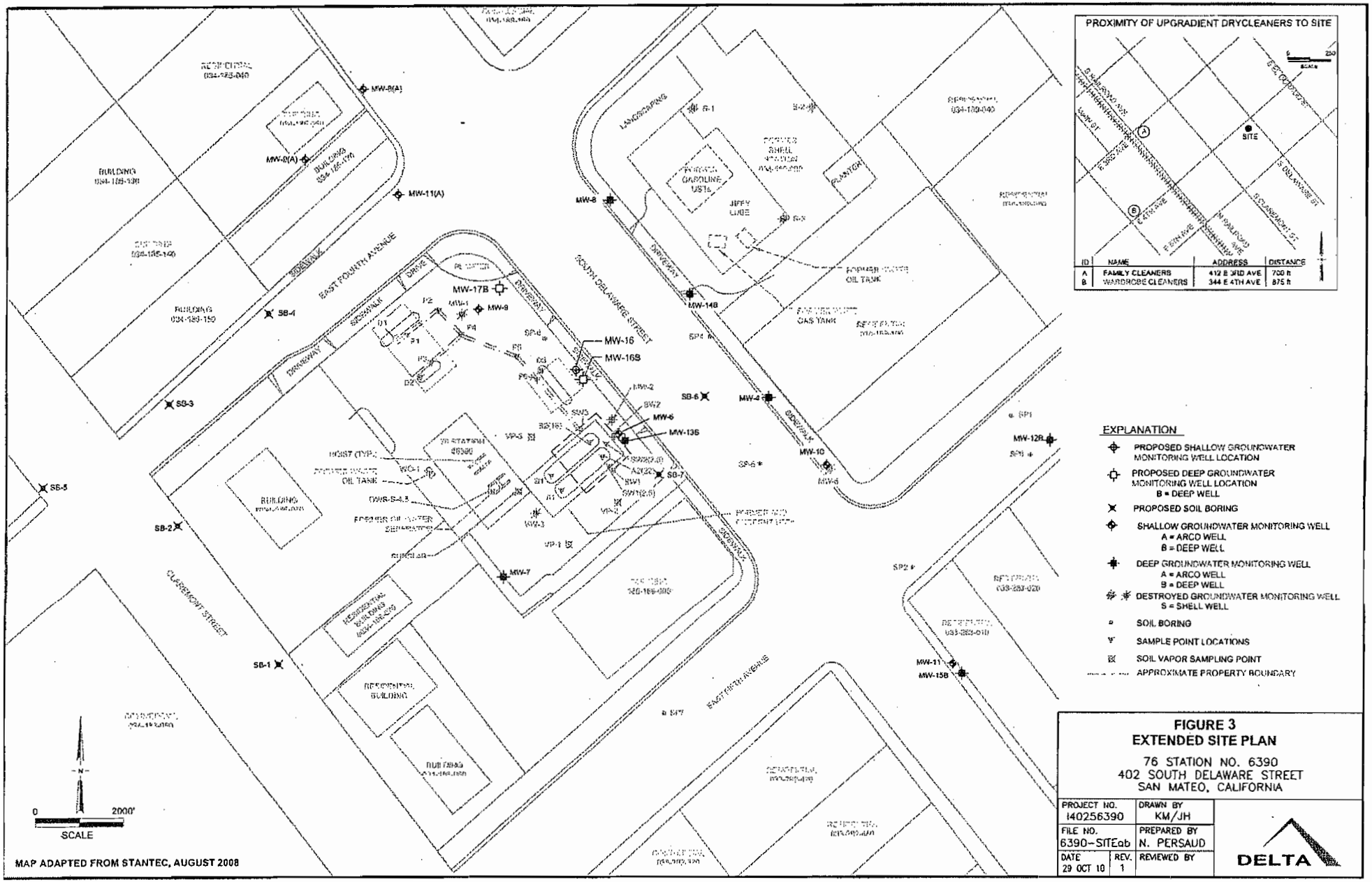


FIGURE 3
EXTENDED SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY KM/JH	
FILE NO. 6390-SITEab		PREPARED BY N. PERSAUD	
DATE 29 OCT 10	REV. 1	REVIEWED BY	DELTA

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 11- 0598

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
400S BLOCK S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
312 PIERCY ROAD
SAN JOSE

WP0008405 FA0049033
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
CASCADE DRILLING LP

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (6)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/22/2011

EXPIRATION DATE: 8/22/2011

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

Paid under permit for SB-7 & MW-17B - demo

ENVIRONMENTAL HEALTH

APR 15 2011

RECEIVED

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 6 WELL/BORING NAMES ~~SB-1 to~~ SB-6

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station 6390 400 BLOCK S. DELAWARE ST ASSESSOR'S PARCEL # _____ (one per permit)

DRILLING LOCATION ADDRESS In street in front of 402 Delaware, in streets by East 4th and Claremont CITY San Mateo

To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ other _____

Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently

Maximum Proposed Depth Wells/Borings 30 (feet) Drilling Method direct push

Boring Diameter 2-3" Casing Diameter _____ Filter Pack Interval _____ Screen Interval _____

Development Method _____ (additional 48 hour staff notification required)

Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 312 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE 408-826-1874 EMAIL doug.umland@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 4-15-2011

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: See Letter of Intent **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Cascade Drilling, L.P. CONTACT PERSON Paul Snelgrove, Operations Manager
ADDRESS 3632 Omec Circle C57 DRILLERS LICENSE # 938110
CITY, STATE, ZIP Rancho Cordova, CA 95742 TELEPHONE/EMAIL 916-638-1169

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed ~~above is considered~~ current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** 03/10/2011

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 312 Piercy Road TELEPHONE 408-826-1874
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Name (Please print legibly) Douglas K. Umland

Responsible Professional's Signature _____ **Date:** 4-15-2011

California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.**

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

 2011 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

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GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2011 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ (RO)SD# 534 Date: 4-18-2011

FA49033

Gary scan chen file

anteagroup

Antea USA, Inc.
312 Piercy Road
San Jose, California 95138 USA
www.anteagroup.com

RECEIVED
MAR 9 2011
CITY OF SAN MATEO
PUBLIC WORKS DEPARTMENT

March 4, 2011

okay + Issue GP.
Gary Heap, Senior Engineer
3/14/11

Mr. Gary Heap
Senior Engineer
City of San Mateo Public Works Engineering
330 West 20th Avenue
San Mateo, California, 94403

Re: **Letter of Intent – Soil Borings in East 4th Avenue, South Delaware Street, Claremont Street**
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

Dear Mr. Heap:

Antea™Group has prepared this letter of intent regarding the proposed environmental investigation related to 76 Service Station No. 6390, located at 402 South Delaware Avenue in San Mateo, California (see attached **Site Plan**).

This subsurface investigation was proposed by Delta Consultants (now Antea Group) in a work plan dated October 29, 2010, and approved by the San Mateo County Groundwater Protection Program (SMC-GPP) in their letter dated February 8, 2011. This work is being done to address previously reported occurrences of tetrachloroethylene (PCE, perchloroethylene) at 76 Service Station No. 6390. The environmental investigation work approved by the SMC-GPP which encroaches on City of San Mateo public right-of-ways includes the following:

> *Installation of six (6) borings located in streets around the city block containing 76 Service Station No. 6390. Proposed borings are located in front of the service station in South Delaware Street, and in Claremont Street and East 4th Avenue near the intersection of Claremont Street and East 4th Avenue. Depending on site access, one boring (SB-5) may be moved onto private property. All borings will be advanced to a depth of 30 feet below grade or until groundwater is first encountered for the purpose of soil and groundwater sampling. Upon completion, all borings will be abandoned and finished to match the existing grade. The proposed boring locations are shown on the attached* ***Site Plan.***

Per San Mateo County drilling permit application instructions, Antea Group will use this Letter of Intent, once approved, as an attachment to the San Mateo County drilling permit application to satisfy the property owner signature requirement. Following San Mateo County approval of the drilling permit application, Antea Group will submit a complete encroachment permit package to the City of San Mateo.

If you have any questions or need additional information, please call me at (408) 826-1868.

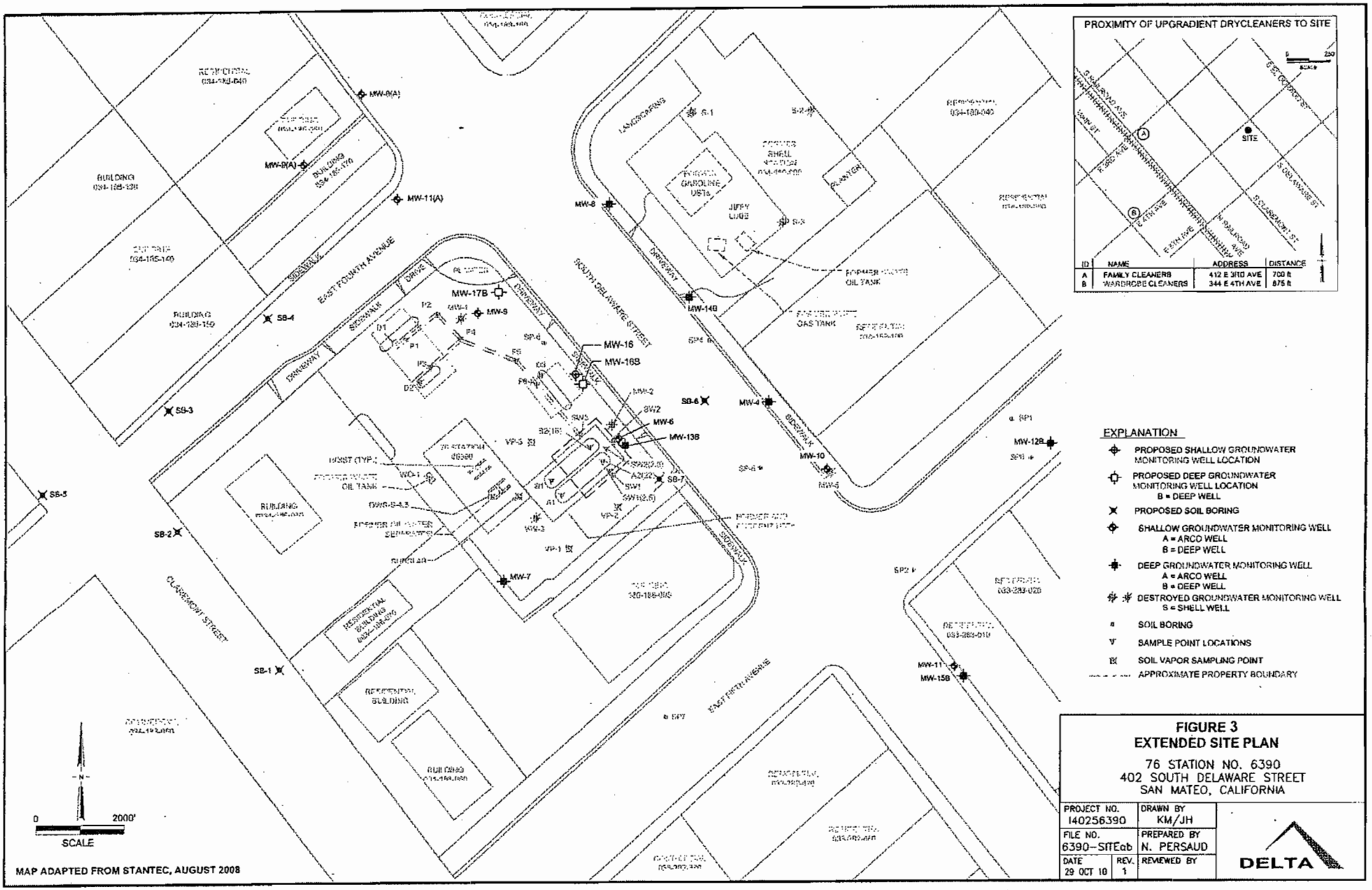
Sincerely,

Matt Corley
Staff Professional
(408)826-1868
matt.corley@anteagroup.com
Antea Group

Douglas Umland
Senior Project Manager
(408) 826-1874
doug.umland@anteagroup.com
Antea Group

Attachments:

Site Plan Showing Proposed Work



MAP ADAPTED FROM STANTEC, AUGUST 2008

FIGURE 3
EXTENDED SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY KM/JH	
FILE NO. 6390-SITEab		PREPARED BY N. PERSAUD	
DATE 29 OCT 10	REV. 1	REVIEWED BY	

DELTA

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 11- 0600

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
402 S DELAWARE ST, SAN MATEO

OWNER:
ANTEA FROUP
312 PIERCY ROAD
SAN JOSE

WP0008406 FA0049043
034186110
AMOUNT PAID: 577.00

CONTRACTOR:
CASCADE DRILLING LP

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (1)
MONITOR WELL INSTALL/ DESTRUCT (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 4/22/2011

EXPIRATION DATE: 8/22/2011

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

Amt
1 577.00

PAID
64564
SAN MATEO COUNTY ENVIRONMENTAL HEAL
CK. NO.
DATE 4-18-11

APR 18 2011

RECEIVED

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS 1 WELL/BORING NAMES SB-7, MW-17B

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station 6390 ASSESSOR'S PARCEL # 034186110 (one per permit)
DRILLING LOCATION ADDRESS 402 S Delaware Street CITY San Mateo
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 30 (feet) Drilling Method direct push / HSA
Boring Diameter up to 8" Casing Diameter 2" Filter Pack Interval ~20-30' Screen Interval 10'
Development Method surge block, 10 well casing volumes (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 312 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE 408-826-1874 EMAIL doug.umland@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 4-15-2011

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Western Dealer Holding Company CONTACT PERSON Shane Nolan
ADDRESS 30743 Canwood St. Suite 200 CITY, STATE, ZIP Agoura Hills, CA. 91301
TELEPHONE 818 706-5705 EMAIL Snolan@platinum-energy.net

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: _____ **Date:** 4/9/11

DRILLING COMPANY:

DRILLING COMPANY Cascade Drilling, L.P. CONTACT PERSON Paul Snelgrove, Operations Manager
ADDRESS 3632 Omec Circle C57 DRILLERS LICENSE # 938110
CITY, STATE, ZIP Rancho Cordova, CA 95742 TELEPHONE/EMAIL 916-638-1169

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** 03/10/2011

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 312 Piercy Road TELEPHONE 408-826-1874
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Name (Please print legibly) Douglas K. Umland
Responsible Professional's Signature _____ **Date:** 4-15-2011
California Professional Geologist (PG) No. 6557 **or Civil Engineer (PE) No.**

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

 2011 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

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H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

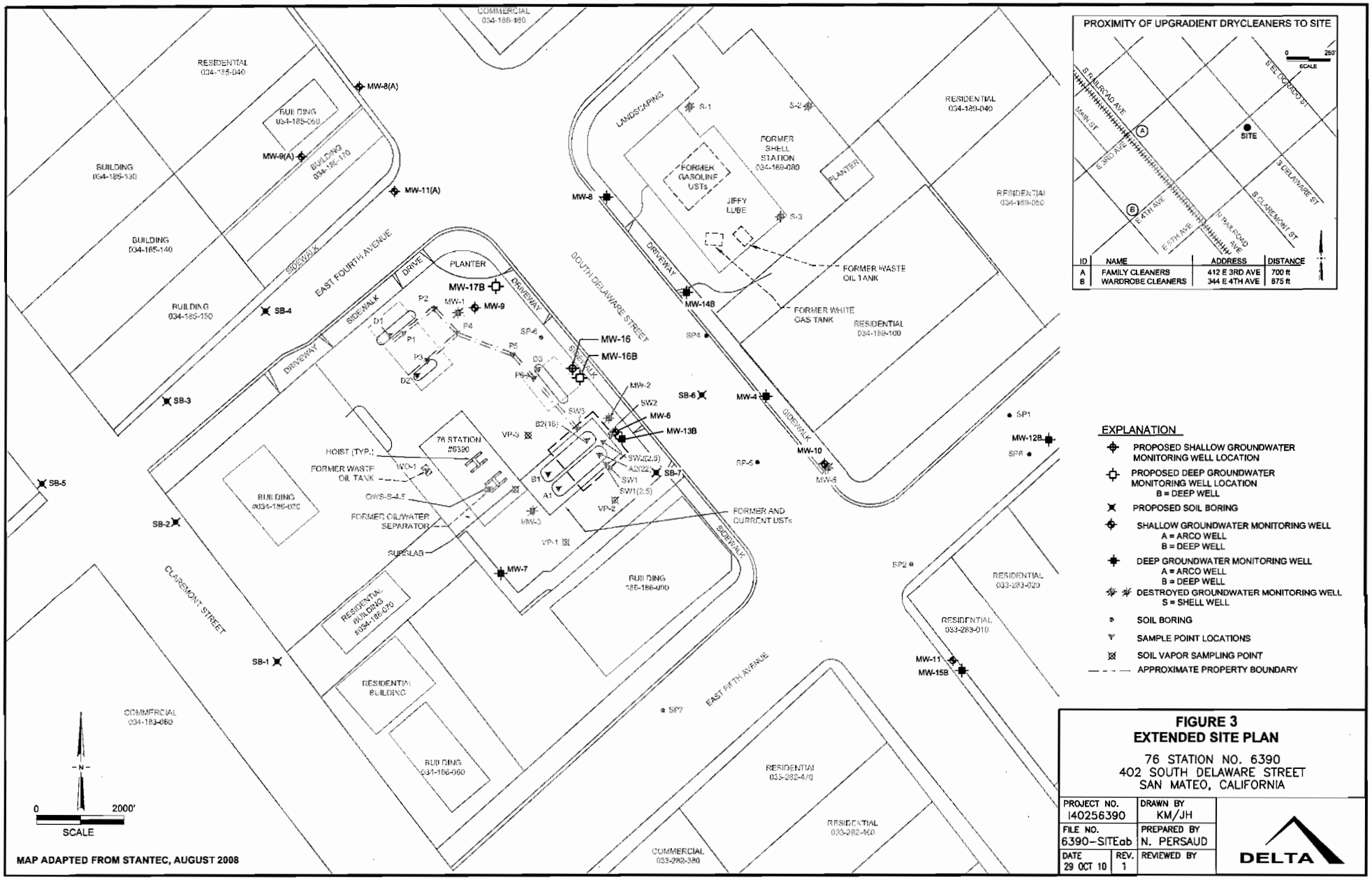
L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ (RO)/SD# 534 Date: 4.18.2011

Revised every January 1

FA49043



MAP ADAPTED FROM STANTEC, AUGUST 2008

FIGURE 3
EXTENDED SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY KM/JH	
FILE NO. 6390-SITEab		PREPARED BY N. PERSAUD	
DATE 29 OCT 10	REV. 1	REVIEWED BY	

DELTA

Antea USA, Inc.
312 Piercy Road
San Jose, California 95138 USA
www.anteagroup.com

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
APR 18 2011
RECEIVED

April 15, 2011

Mr. Deno Milano
San Mateo County Environmental Health Services Division
2000 Alameda de las Pulgas, Suite 100
San Mateo, CA 94403

Subject: **Drilling Permit Application Packet for 76 Service Station #6390**
76 Service Station No. 6390
402 S. Delaware Avenue
San Mateo, CA

Dear Mr. Milano:

Enclosed with this letter are the drilling permit applications, fees (**Check #645640**) and site plan for the subject site and adjacent streets. A Letter of Intent approved by the City of San Mateo is also included to fulfill the signature requirement for boring locations in public right-of-ways. We are in the process of obtaining an access agreement on the adjacent property south of the subject site. Antea Group will submit another drilling permit application assuming access is granted for that location (SB-5). We are scheduled to begin this work on May 2, 2011. If you have any questions, please give me a call at 408-826-1874.

Sincerely,

Matt Corley
Staff Professional

Douglas Umland
Senior Project Manager

Cc: iEHS 251020 Permit

Inogen Environmental Alliance

Appendix G

Standard Field and Laboratory Operating Procedures

STANDARD OPERATING PROCEDURES

Utility Locating

Prior to drilling, boring and excavation locations and an approximate 15-foot by 15-foot box are marked with white paint or other distinct marking and cleared for underground utilities through Underground Service Alert (USA). In addition, Antea Group will contract an independent locator services to clear boring or excavation locations of subsurface assets. The first five feet (or more in instances where utilities are suspected in close proximity) of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities in accordance with Antea Group's subsurface hazard avoidance policy.

Subsurface Investigation Methods – GeoProbe®, Sonic, Hollow Stem Auger Drilling, Sampling, and Borehole Completion

Borehole Advancement using GeoProbe® (Single wall and dual tube)

Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic direct push-type rig for the purpose of collecting samples and evaluating subsurface conditions. The sample barrel located at the leading end of the drill rod serves as a soil sampler, and an acetate liner is inserted into the sample barrel rod prior to advancement of the push rod. Once the sample is collected, the rods and sampler are retracted and the acetate sample tubes are removed from the sampler. The sample barrel is then cleaned, filled with clean sample tubes, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated. This process differs with the use of Dual Tube drilling, where an outer rod is pushed with the sample rod, and only the sample rod is retracted. This process assures that the borehole remains open during drilling, thereby minimizing cave-ins within the borehole.

Undisturbed soil samples selected for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches in length. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting project number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California for analysis. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool. To collect a PID reading, A portion of each liner was placed in a gloss jar and sealed with a disposable tin foil top. After approximately ½-hour, the sampling tube of a PID was inserted into the jar through the foil top. The stabilized PID readings were recorded on the well boring logs

Borehole Advancement using Sonic Drilling

Pre-cleaned heavy-walled down-hole casings (typically 6 to 8 inches in diameter) are advanced using a sonic head. A smaller diameter core barrel (typically 4 to 6 inches in diameter) is advanced through the inside of the down-hole casings to remove the soil cuttings from the borehole for sample collection and evaluation of subsurface conditions.

During drilling, soil samples are collected continuously using the sonic core barrel. A physical description of soil

characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS and field screened for organic vapors using a PID.

Borehole Advancement using Hollow Stem Auger

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. A pre-cleaned split spoon sampler is lined with three 6-inch long brass or stainless steel tubes and attached to the drill rods. The sampler is then driven 18 inches into the underlying soils at the target sample interval by repeatedly dropping a 140-pound hammer over a 30-inch free fall distance. The number of blow counts to drive the sampler each 6-inch interval of sampler advancement are recorded on the field logs. The sampler is driven 18 inches or until the sampler has met refusal (typically 50 blows per six inches), then the sampler is retrieved. Alternatively, soil samples are retrieved by driving the sampler using a pneumatic hammer, when using a limited access rig.

Generally the bottom sample tube is selected for laboratory analysis. The middle tube is extruded for logging and PID screening, and the top tube is considered slough caved off from the sides of the boring prior to sampling.

The retained sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap and stored in a zip-type plastic bag. A label is affixed to the sample indicating the sample identification number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Grab Groundwater Sample Collection

Once the target groundwater sampling depth has been reached, a groundwater sample is collected by inserting a temporary 1-inch schedule 40 PVC casing with a 5-foot screened interval with a pre-attached filter pack into the borehole. The screened interval is placed from at the total depth of the boring. Groundwater is allowed to temporarily stabilize, and grab samples are collected using a peristaltic pump.

Collected water samples are decanted directly into laboratory provided, pre-cleaned, vials or containers and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date, and type of preservative (if applicable, i.e. HCl for GRO, BTEX, and fuel oxygenates) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests.

Borehole Completion

Upon completion of drilling and sampling, the inner casing rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the borehole, through the annulus of the outer casing rods. The outer rods are retracted as the grout is introduced to bottom of the boring to prevent the cross contamination of encountered water bearing zones. Displaced groundwater is collected at the surface and placed into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Well Construction (typical)

Selected borings will be converted to groundwater monitoring wells by the installation of 2-inch diameter Schedule 40 polyvinyl chloride well casing with 0.020-inch factory slotted well screen as stated in the body of the work plan. A filter pack of Monterey #3 grade sand (or equivalent) will be placed in the annular space of the monitoring well borings, extending from the bottom of each well casing to approximately 1-foot above the top of the screened casing. A sanitary seal consisting of a 2-foot bentonite will be placed on above the filter sand and charged with water to create a seal. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the well annulus bentonite to within two feet of the ground surface. Antea Group will install a minimum of a 5-foot annual seal. A traffic-rated well box will be installed on each well to protect and finish the well to surface grade.

Well Development

Groundwater monitoring wells will be allowed to stabilize for a minimum of 72 hours after installation prior to development. During development, wells are surged and purged of approximately 10 casing volumes. After each purged volume (or other stated purge volume) measurements of pH, temperature, electric conductivity (E.C.), turbidity, dissolved oxygen (DO) and total dissolved solids (TDS) are recorded. Following development, the wells will be allowed stabilize for a minimum of 48 hours prior to the collection of any groundwater samples.

Well Gauging

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist. Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot. The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

Well Purging

Depth to water measurements are collected prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions. Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an

electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume). Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

Prior to sampling, wells are left to recharge to at least 80% the initial water column height. Groundwater samples are collected with a disposable bailer.

Equipment Decontamination

Equipment that could potentially come in contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drilling auger and other large pieces of equipment are decontaminated using high pressure hot water spray. Soil and groundwater sampling apparatus, groundwater pumps, liners and other equipment are decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Waste Handling and Disposal *(Soil Cuttings and Rinsate/Purge Water)*

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

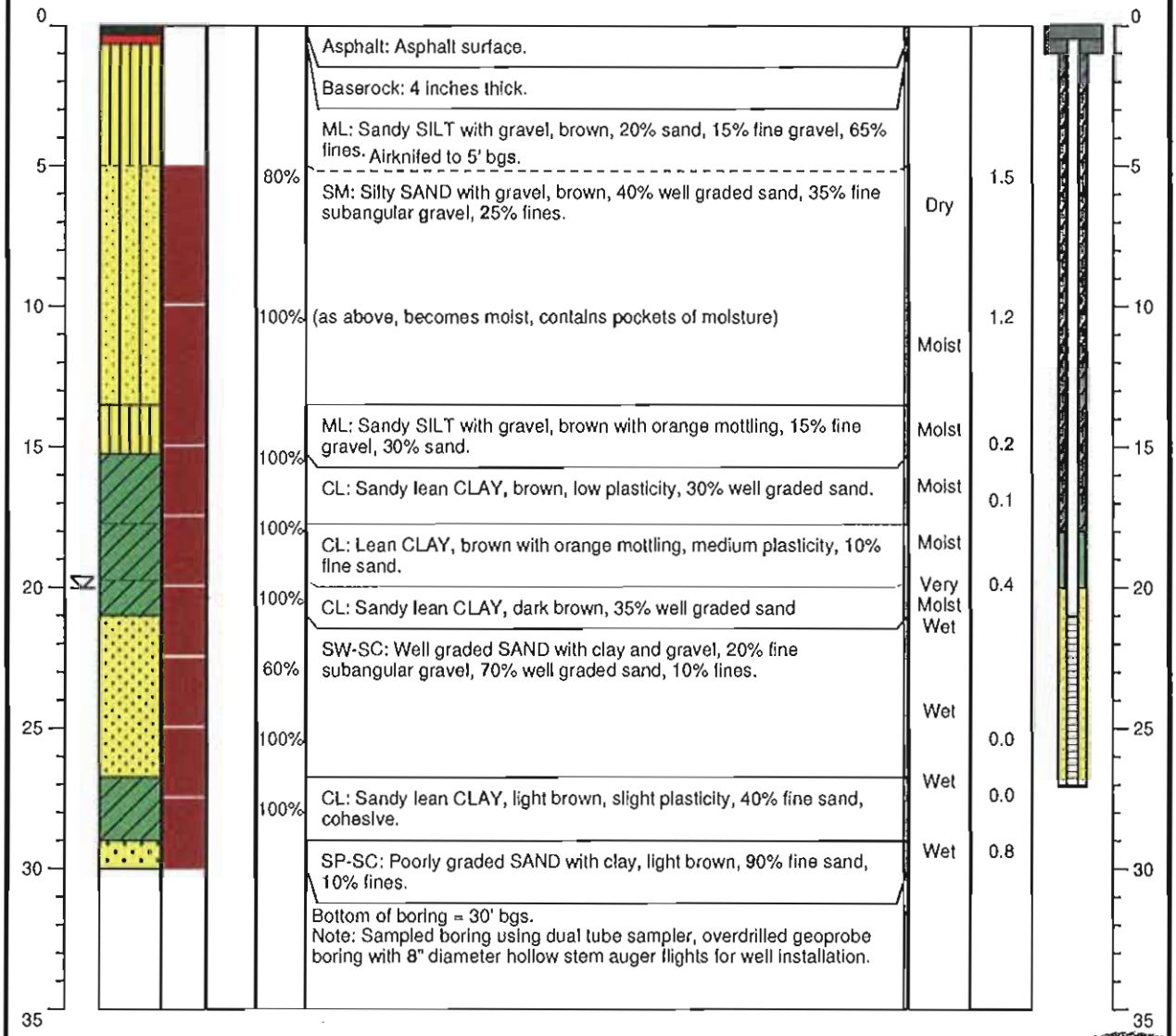
Appendix H

Soil Boring and Well Boring Logs

BORING LOG

Client: Antea Group ELT
Project Number: I40256390
Well No.: MW-17B

Address: 402 South Delaware Street, San Mateo, CA	Drilling Date(s): 05/19/11	Boring diameter (in.): 2" / 8"	Casing Material: Sch 40 PVC
Logged By: Evan C.	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): 21' - 27' bgs
	Drilling Method: HSA	Well Depth (ft.): 27'	Screen slot size: 0.020"
	Boring Depth (ft): 30' / 27'	Casing Diameter (in.): 8"	Sand Pack: #3 SAND



PROFESSIONAL GEOLOGIST
REGINA M. BUSSARD
No. 8288
EXP. 1/31/12
STATE OF CALIFORNIA

BORING LOG

Client: Antea Group ELT
Project Number: I40256390
Boring No.: SB-1

Address:	Drilling Date(s): 05/18/11	Boring diameter (in.): 2"	Casing Material: NA
402 South Delaware Street	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
San Mateo, CA	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
Logged By: Evan C.	Boring Depth (ft): 30'	Casing Diameter (in.): NA	Sand Pack: NA

Depth (ft.)	Water Level	Soil/Rock Graphic	Sampled Interval	Blow Counts (blows/ft)	Recovery (%)	Soil/Rock Visual Description	PID Reading (ppm)	Boring Completion	Depth (ft.)
0						Asphalt: Asphalt surface.			0
						Baserock: Baserock.			
						ML: Sandy SILT with gravel, light brown, 25% sand, 15% fine gravel.			
5					70%	ML: Sandy SILT, light brown 20-30% fine sand, 10% coarse sand, 60-70% fines. Airknifed to 5' bgs.	2.6		5
						ML: Sandy SILT with gravel, brown, 15% fine sand, 15% coarse sand, 15% fine gravel, 55% fines.	1.1		
10					10%	Sample liner stuck in sampler, using dual tube only sampler shoe recovered: all liner mangled and stuck, inaccessible.			10
						ML: Gravelly SILT with sand, light brown, 20% sand, 25% fine subangular gravel, cohesive but non plastic.	0.1		
15					10%	Used core barrel (bigger liners). Sample liner mangled and stuck in sampler as before. Only able to recover soil from shoe.			15
						ML: Sandy SILT with gravel, brown, low plasticity, 25% sand, 20% fine gravel, no standing water after 15 minutes.	0.0		
20					100%	CL: Sandy lean CLAY, light brown, low plasticity, 10% fine subangular gravel, 35% well graded coarse sand, distinctive black grains.			20
25					10%	Sample liner stuck in sampler rod. Log soil in shoe.	0.0		25
						SC: Clayey SAND, brown, slight plasticity, 55% fine sand, 15% coarse sand, 30% fines, standing water in bore hole after 30 foot drive.	0.0		
30						Bottom of boring = 30' bgs.			30
35									35

PROFESSIONAL GEOLOGIST
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EXP. 1/31/12
STATE OF CALIFORNIA

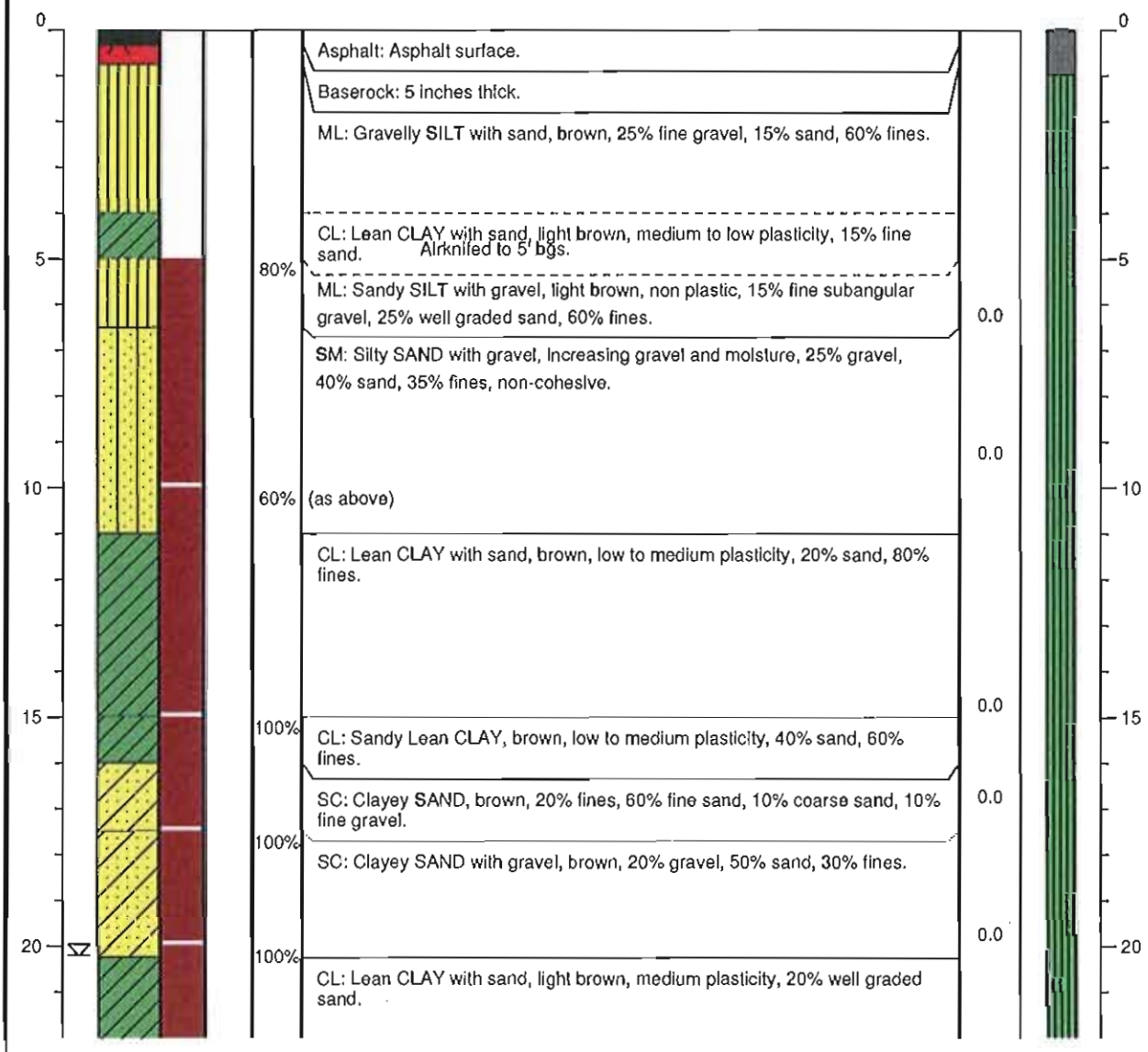
BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-3

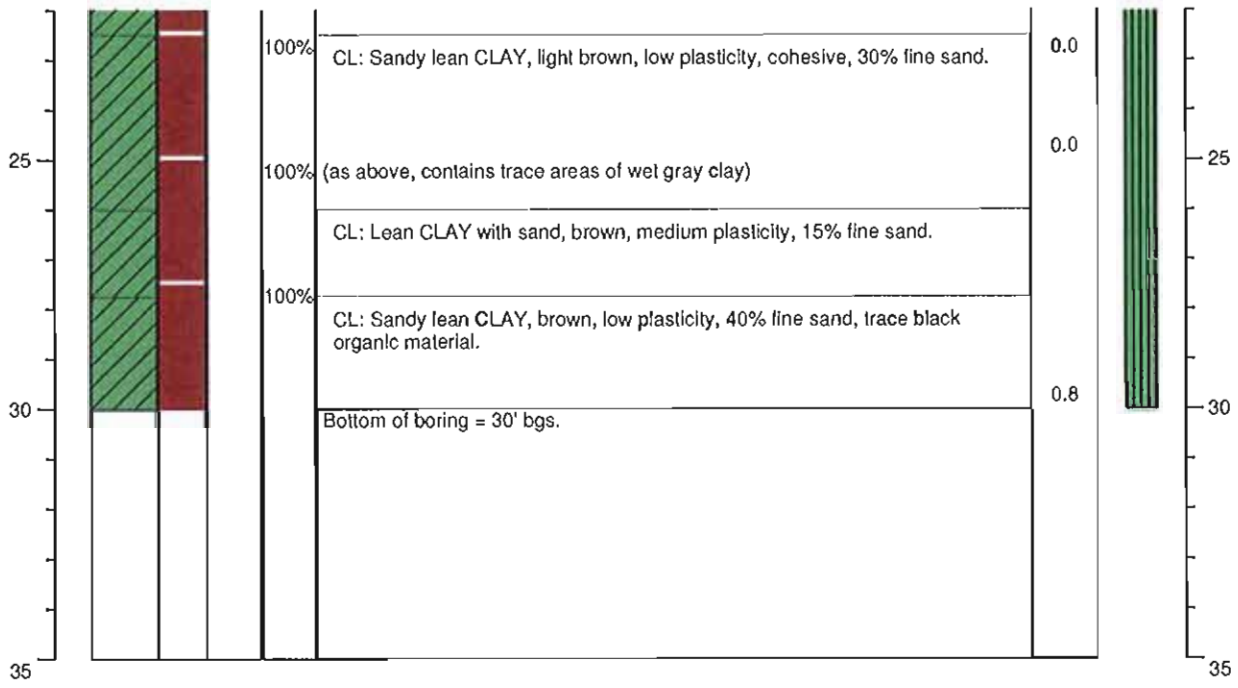
Address:	Drilling Date(s): 05/18/11	Boring diameter (in.): 2"	Casing Material: NA
402 South Delaware Street	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
San Mateo, CA	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
Logged By: Evan C.	Boring Depth (ft): 30'	Casing Diameter (in.): NA	Sand Pack: NA



BORING LOG

Client: Antea Group ELT
Project Number: I40256390
Boring No.: SB-3

Address: 402 South Delaware Street, San Mateo, CA	Drilling Date(s): 05/18/11	Boring diameter (In.): 2"	Casing Material: NA
Logged By: Evan C.	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
	Boring Depth (ft): 30'	Casing Diameter (in.): NA	Sand Pack: NA



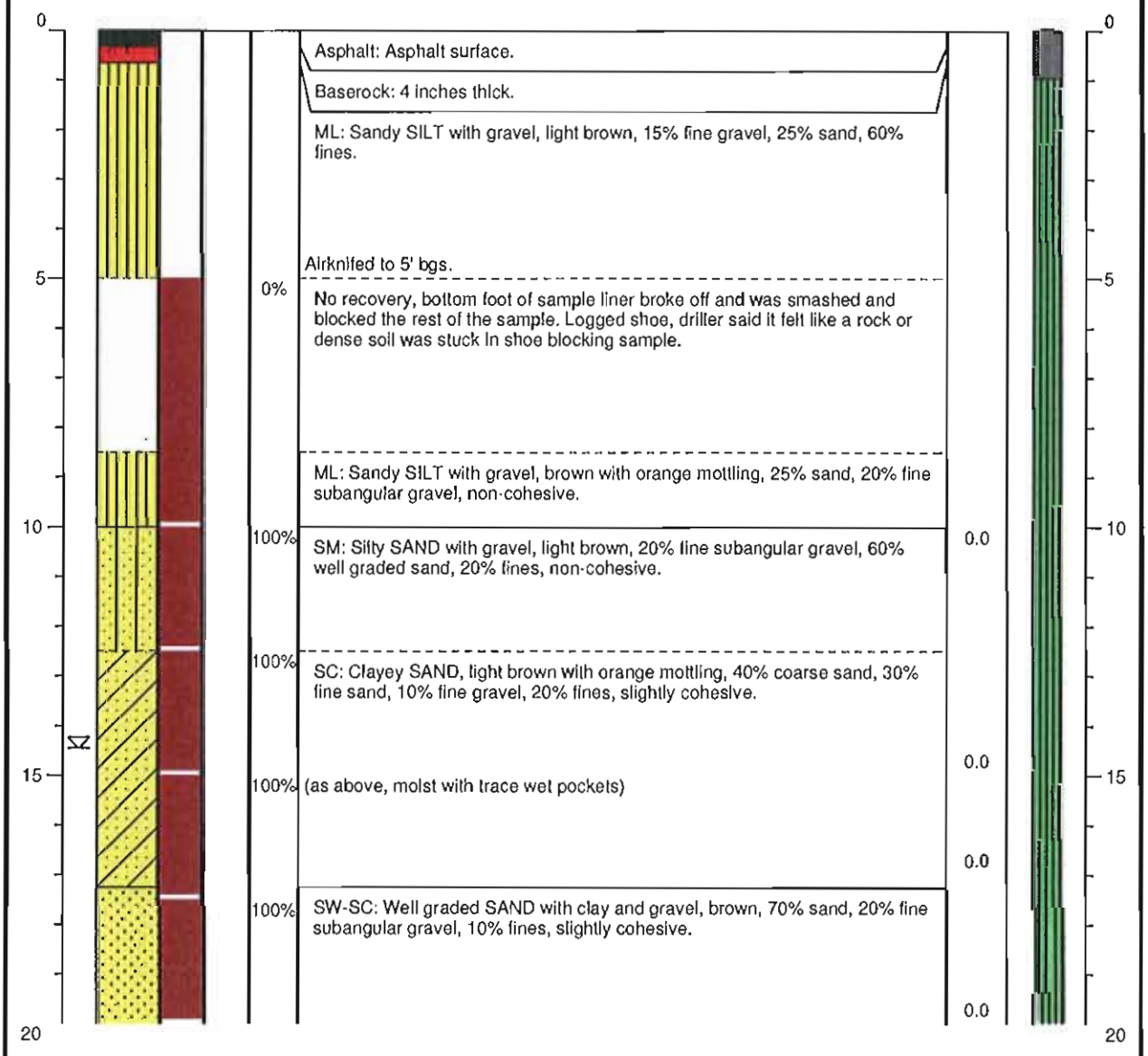


BORING LOG

Client: Antea Group ELT
Project Number: 140256390

Boring No. SB-4

Address: 402 South Delaware Street, San Mateo, CA	Drilling Date(s): 05/18/11	Boring diameter (in.): 2"	Casing Material: NA
Logged By: Evan C.	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
	Boring Depth (ft): 30'	Casing Diameter (in.): NA	Sand Pack: NA



BORING LOG

anteagroup

Client: Antea Group ELT
Project Number: 140256390
Boring No.: SB-4

Address:	Drilling Date(s): 05/18/11	Boring diameter (in.): 2"	Casing Material: NA
402 South Delaware Street	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
San Mateo, CA	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
Logged By: Evan C.	Boring Depth (ft): 30'	Casing Diameter (in.): NA	Sand Pack: NA

Depth (ft.)	Water Level	Soil/Rock Graphic	Sampled Interval	Blow Counts (blows/ft)	Recovery (%)	Soil/Rock Visual Description	PID Reading (ppm)	Boring Completion	Depth (ft.)
20					0%	No recovery, mangled liner.			20
					100%	CL: Lean CLAY with sand, brown, medium plasticity, 20% sand, 80% fines, trace fine gravel, collected lab sample at 24' bgs, bottom of liner was too mangled to use.			
25					100%	SW-SC: Well graded SAND with clay and gravel, brown, 20% fine gravel, 70% sand, 10% fines, fully saturated.	0.0		25
					100%	CL: Sandy lean CLAY, brown, low plasticity, 30% sand, 70% fines.			
						SC: Clayey SAND, brown, 60% well graded sand, 40% fines, cohesive.	0.0		
						CL: Lean CLAY with sand, brown, 5% fine gravel, 15% fine sand.			
30						Bottom of boring = 30' bgs.			30
35									35

PROFESSIONAL GEOLOGIST
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No. 8287
EXP. 6/31/12
STATE OF CALIFORNIA

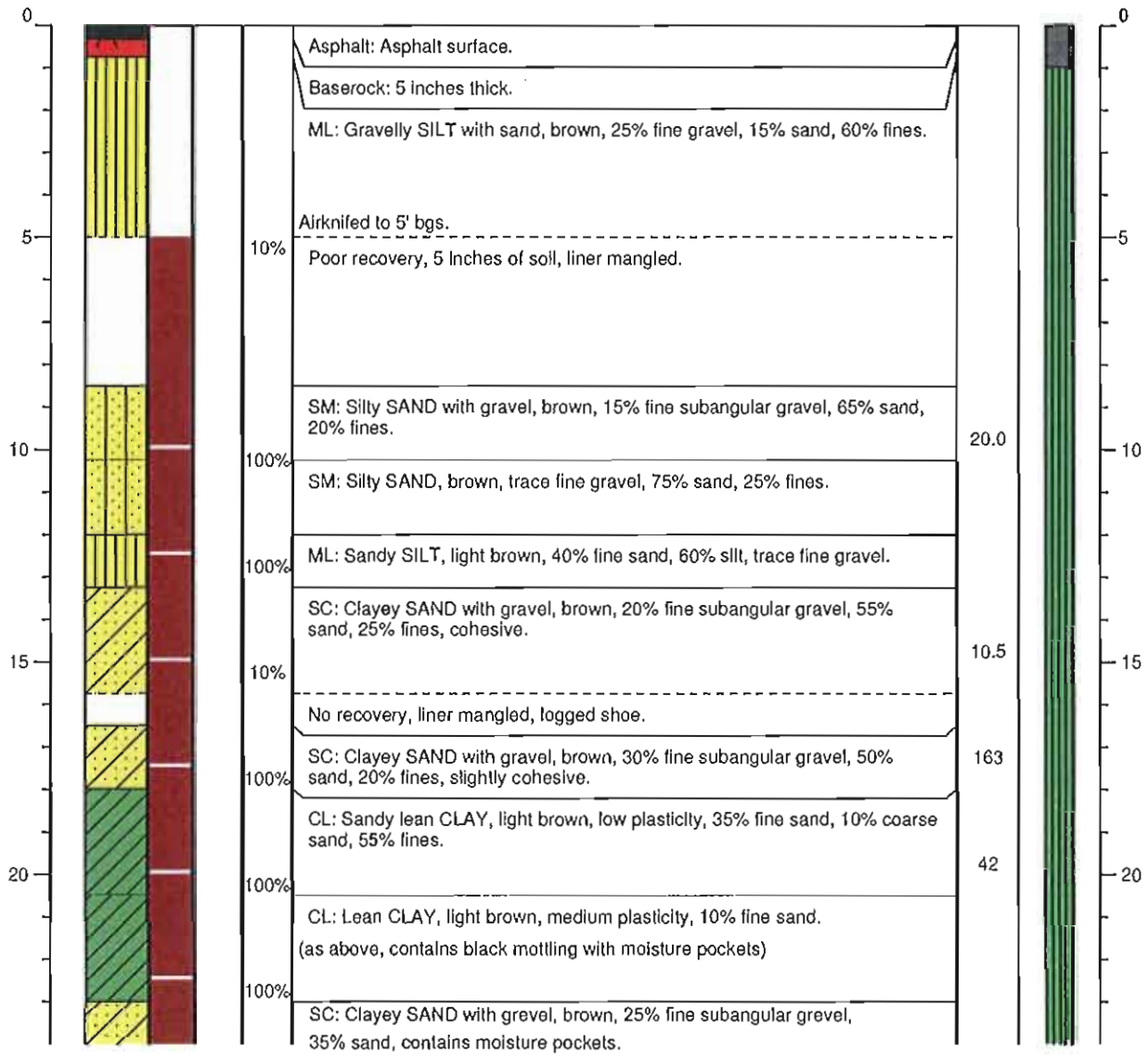
BORING LOG

Client: Antea Group ELT

Project Number: I40256390

Boring No. SB-5

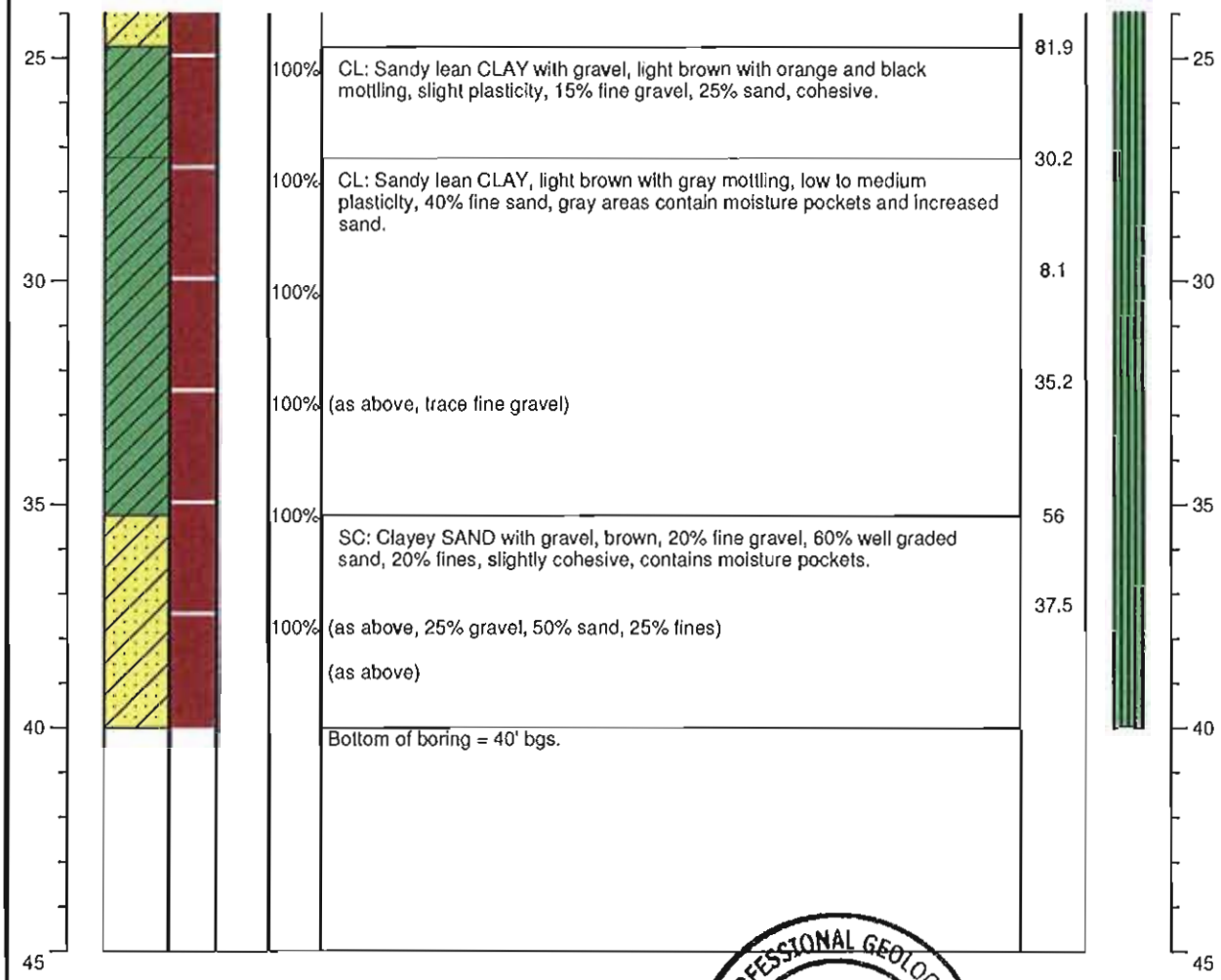
Address: 402 South Delaware Street, San Mateo, CA	Drilling Date(s): 05/18/11	Boring diameter (in.): 2"	Casing Material: NA
Logged By: Evan C.	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
	Boring Depth (ft): 40'	Casing Diameter (in.): NA	Sand Pack: NA



BORING LOG

Client: Antea Group ELT
Project Number: I40256390
Boring No.: SB-5

Address:	Drilling Date(s): 05/18/11	Boring diameter (in.): 2"	Casing Material: NA
402 South Delaware Street	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
San Mateo, CA	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
Logged By: Evan C.	Boring Depth (ft): 40'	Casing Diameter (in.): NA	Sand Pack: NA



PROFESSIONAL GEOLOGIST
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STATE OF CALIFORNIA

BORING LOG

Client: Antea Group ELT
Project Number: I40256390
Boring No.: SB-6

Address:	Drilling Date(s): 06/07/11	Boring diameter (In.): 2'4"	Casing Material: NA
402 South Delaware Street	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
San Mateo, CA	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
Logged By: Evan C.	Boring Depth (ft): 30'	Casing Diameter (in.): NA	Sand Pack: NA

Depth (ft.)	Water Level	Soil/Rock Graphic	Sampled Interval	Blow Counts (blows/ft)	Recovery (%)	Soil/Rock Visual Description	Moisture Content	PID Reading (ppm)	Boring Completion	Depth (ft.)
0						Asphalt: Asphalt surface.				0
						Baserock: 4 Inches thick.				
						ML: Gravely SILT with sand, light brown, 20% fine gravel, 15% sand, 55% fines.	Dry			
5					100%	ML: Sandy SILT with gravel, light brown, non plastic, 15% fine gravel 25% well graded sand, 60% fines. Hand auger to 6' bgs.	Dry	0.4 0.0 0.0 0.0 0.0 0.0 0.0		5
10					100%					10
					100%	CL: Sandy lean CLAY, brown, low plasticity, 25% well graded sand, 10% fine gravel.	Moist	0.4 0.5 0.3 0.4 0.7 0.3		
					100%	CL: Sandy lean CLAY, dark brown with gray mottling, low plasticity, 30% fine sand.	Moist	0.3 0.3 1.8 375 360		
15					100%	SP-SC: Poorly graded SAND with clay, trace orange mottling, 10% fine gravel, 10% fines, 60% fine sand, 20% coarse sand. (as above)	Moist	3476 3417 3639 1402 66.5 1526 1755 977 1098		15
					100%	SP: Poorly graded SAND, brown, 95% fine sand, 5% fines.	Wet	63 38 33 3.1		
20						CL: Lean CLAY with sand, brown with orange mottling, medium plasticity, 25% fine sand.	Moist	1.1 1.1 0.3		20
						CL: Sandy lean CLAY, brown, low plasticity, 40% fine sand.	Wet	0.8 2.6 1.0 1.6		
25					100%	SC: Clayey SAND with gravel, brown, 20% gravel, 20% fines, 60% well graded sand.		0.9 1.7 1.0 1.2		25
							Wet	0.7 0.8 0.5 0.5 0.4 0.3		
30						Bottom of boring = 30' bgs.				30
35										35

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No. 8288
EXP. 1/31/12
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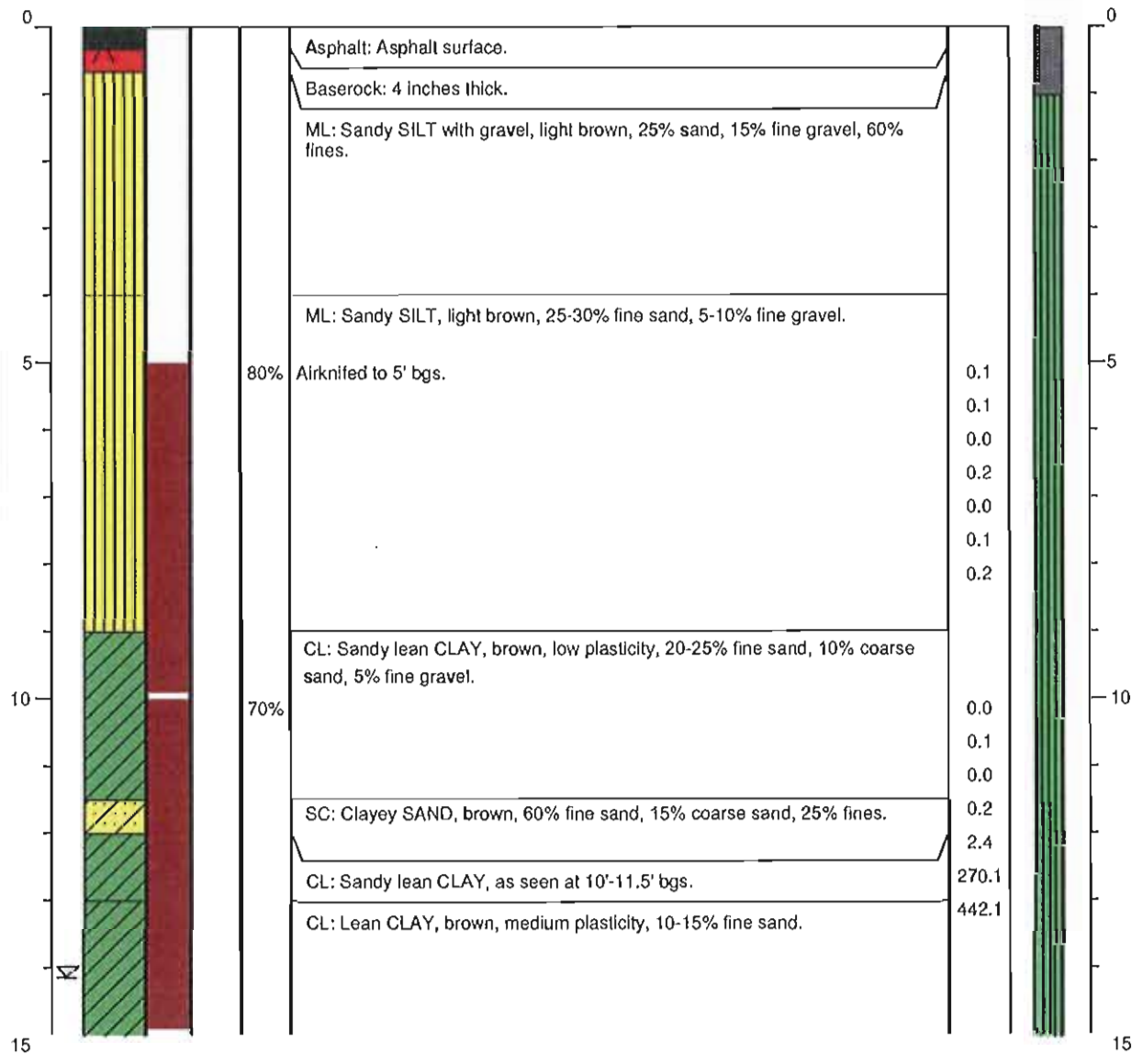
BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-7

Address: 402 South Delaware Street San Mateo, CA Logged By: Evan C.	Drilling Date(s): 05/17/11-05/18/11 Drilling Company: Cascade Drilling Method: Geoprobe Boring Depth (ft): 25'	Boring diameter (in.): 2" Sampling Method: Dual Tube Well Depth (ft.): NA Casing Diameter (in.): NA	Casing Material: NA Screen Interval (ft.): NA Screen slot size: NA Sand Pack: NA



BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-7

Address:	Drilling Date(s): 05/17/11-05/18/11	Boring diameter (In.): 2"	Casing Material: NA
402 South Delaware Street	Drilling Company: Cascade	Sampling Method: Dual Tube	Screen Interval (ft.): NA
San Mateo, CA	Drilling Method: Geoprobe	Well Depth (ft.): NA	Screen slot size: NA
Logged By: Evan C.	Boring Depth (ft): 25'	Casing Diameter (in.): NA	Sand Pack: NA

Depth (ft.)	Water Level	Soil/Rock Graphic	Sampled Interval	Blow Counts (blows/ft)	Recovery (%)	Soil/Rock Visual Description	PID Reading (ppm)	Boring Completion	Depth (ft.)
15					85%	(as above, stop overnight due to rig breakdown while pulling 15'-20' sample)	477		15
							653		
							583		
						CL: Sandy lean CLAY, brown with gray mottling, low plasticity, 40% fine sand, cohesive.	1207		
							495		
							315		
							815		
							372		
							3208		
20					100%	SC: Clayey SAND with gravel, 60% well graded sand, 20% fine subangular gravel, 20% clay.	3687		20
							447		
							452		
						CL: Sandy lean CLAY, dark brown, low plasticity, 35-40% fine sand.	100		
						SP: Poorly graded SAND, brown, trace fine gravel.	19.0		
					80%	SW: Well graded SAND, brown, trace fine gravel.	2.2		
							4.1		
							251		
							41.2		
							6.1		
25						Bottom of boring = 25' bgs.	1.6		25
30									30

PROFESSIONAL GEOLOGIST
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No. 8288
EXP. 1/31/12
STATE OF CALIFORNIA

Appendix I

Field Data Sheets from Well Development and Sampling

Screen 21-27'

WELL DEVELOPMENT FIELD DATA SHEET

Project No. 140256390 Location: 256390 Well ID: MW-17B

Client: ELT Field Technician: Evan C.

WELL INFORMATION

Date: 5/27/11 Time: 0850

Depth to Liquid:		TOC		GS
Depth to Water:	13.39	TOC		GS
Total Depth:	26.69	TOC		GS

Probe Type and ID#
- ☐ Oil /Water Interface:
- ☐ Electronic Indicator:
- ☑ Other: Solinst Model 101

CASING DIAMETER		GAL PER LINEAR FT.
☐ 1		0.04
☑ 2		0.17
☐ 3		0.38
☐ 4		0.66
☐ 4.5		0.83
☐ 5		1.02
☐ 6		1.5
☐ 8		2.6

TD 26.69 - DTW = 13.3 x .17 Gal/Linear x Foot = 2.26 gal Number of x Casings 10 = Calculated Purge 22.6 minimum

TIME (2400 hr.)	VOLUME (gal.)	pH (units)	E.C. (ms/cm)	TEMP. (°C)	DTW TOC/GS	TURB µg/L	DO ppm	OBSERVATIONS ORP	OBSERVATIONS ~~DO~~	
	Surge well		0850	-0910					~~6.47~~	
0920	Bail well ~ 20 gal		till fine sand		clears up					
0950	Begin pumping								TDS g/L	
0958	3 gal	7.88	1,771	18,90		>1000	6.47	26.8	~~6.47~~	1.067
1009	6	7.28	0,513	19,12		Turb meter	6,35	41,5	0,352	
1013	10 gal	7,11	0,554	19,29		reads 0 on all	7,12	48,9	0,362	
1016	12	7,15	0,490	19,36		samples, recalibrate		45,5	0,331	
1017	14	7,19	0,484	19,36		twice, likely needs	8,31	50,2	0,332	
1019	16	7,03	0,569	19,43		to be serviced	7,81	53,8	0,421	water clear
1024	18	7,29	0,471	19,29				52,6	0,324	↓
1027	20	7,03	0,466	19,44			6,98	59,3	0,319	
1031	24	6,88	0,464	19,37			6,55	-66,9	0,318	
1033	26	6,98	0,466	19,39			6,25	-71,3	0,319	
1034	27	6,98	0,464	19,42			7,76	-85,5	0,317	no fines visible in water
1036	29	6,98	0,468	19,42			7,69	-79,0	0,320	
					13,36					

ELT Groundwater Sampling Form

Facility Location:	402 S. Delaware, San Mateo, CA		
Station #:	6890	Field Technician:	E. Chantikian
Well Identification:	MW-17B	Date:	6/7/11
Well Diameter (in):	(2) 3 4 6 8 ___	Depth to Water (DTW) (ft bgs):	13.33
Thickness of SPH (ft):	—	Depth to SPH (ft bgs):	—
Water Column Height (WCH) (ft):	13.83	Total Depth of Well(TDW) (ft bgs):	27.16

Purging Info and Calculations:

Purge Method:	Bailer	Disposable Bailer	Electric Submersible	Extraction Pump	Other:
Sample Method:	Bailer	Disposable Bailer	Extraction Port	Other:	

Top of Casing(TOC): 27.16 - 13.33 = 13.83

TOC–DTW= Groundwater Elevation: ~~DTW~~ For 2" well: .17 → 13.83 x .17 = 2.351 = 2.4

TDW–DTW=WCH WCHxCF=CV 6 scm

Top of Screen: 21' bg

If well is listed as a no-purge @XX feet, confirm that water level is below the top of screen. Otherwise, the well must be purged.

Casing Volume (gal): 2.4 X Specified Volumes: 3 = Calculated Purge (gal): 7.2 ≈ 8

Start Time: 1501 Stop Time: 1513

Conversion Factors (gal/ft): 2" = 0.17 3" = 0.38 4" = 0.66 6" = 1.5 8" = 2.6 Other = (diam in inches)^2 * 0.041

Purge:

Time	Volume Removed (gal)	Temp (°C)	Conductivity (ms/cm)	TDS (g/L)	DO (mg/L)	pH	ORP
~~1502~~	~~4~~	~~20.02~~	~~3.360~~	~~2.243~~		~~8.26~~	~~37.2~~
1502	4	20.75	2.880	1.907	8.27	7.34	60.3
1507	3	19.54	0.485	0.329	6.85	7.41	63.1
1509	6	19.81	0.455	0.307	6.73	7.13	69.1
1513 ~~1531~~ EC	9	19.59	0.468	0.320	6.62	7.03	69.0

EC 6/7

~~D.O. (if req'd):~~ ~~Pre-purge:~~ ~~mg/L~~ ~~Post-purge:~~ ~~mg/L~~

~~O.R.P. (if req'd):~~ Pre-purge: mV Post-purge: mV

Did Well dewater? Yes (No) Actual Purge volume (gal): 9 gal

Other Comments: screen flooded

Sample Info:

Sample ID:	20110607_MW-17B	Sample Date and Time:	6/7/2011 / 1530
Sample Containers and Selected Analysis:	8260 GRO, BTEX, MTBE, PCE + additional		

Purge Water Stored/Disposed of Where/How: 55 DRUM ONSITE

Signature: Evan Chantikian Date: 6/7/11

QA Signature: _____ Date: _____

Appendix J

Mid Coast Engineers Well Survey Report

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
phone: (831) 724-2580
fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

June 8, 2011

Evan Chantikian
Antea Group
312 Piercy Road
San Jose, CA 95138

Re: **76 Service Station No. 6390, 402 South Delaware Street, San Mateo, California;** Antea Project No.140256390, MCE Job No. 08119X

Dear Mr. Chantikian,

As you requested, on June 6 we surveyed one new monitoring well located at the referenced site. Our findings are shown on the attached sheets, expressed in State Plane Coordinates and Latitude/Longitude, and are consistent with our previous survey of August 18, 2008 for Stantec.

A notch was cut in the north rim of the PVC casing (TOC) and a cross chiseled in the north rim of the standard box (TOB).

Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using data for MW-4 TOC and MW-7 TOC reported to GeoTracker from surveys by Morrow Surveying dated 8/13/2005 and 12/19/2006.

The benchmark used for this survey is the TOC of MW-7 as described above and reported by Morrow Surveying. Elevation = 21.74 feet, reported to be NAVD 88 datum.

Please let me know if you have questions or need additional information.

Yours truly,

Lee D. Vaage



76 SERVICE STATION NO. 6390
402 South Delaware Street
San Mateo, California

ANTEA Project No. 140256390

Project : 08119X
User name MCE Date & Time 8:53:54 AM 6/8/2011
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 88
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Pt. Number	Northing	Easting	Elevation	Description
61	2033733.29	6034437.07	18.75	MW-17Btoc
62	2033733.71	6034437.04	19.42	MW-17Btob

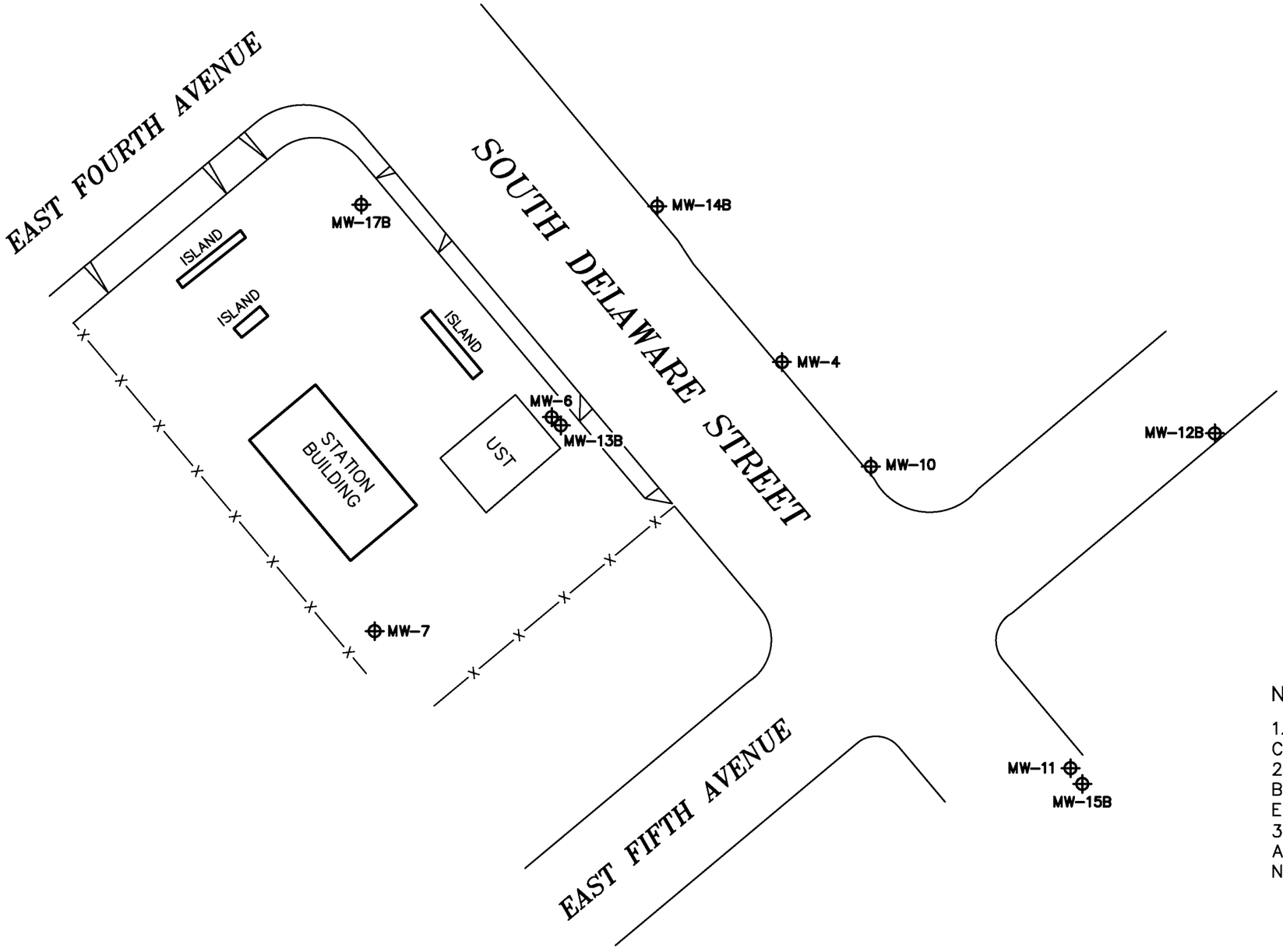
76 SERVICE STATION NO. 6390
402 South Delaware Street
San Mateo, California

ANTEA Project No. 140256390

Project : 08119X
User name MCE Date & Time 8:53:54 AM 6/8/2011
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 88
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Pt. Number	Latitude	Longitude	Elevation	Description
61	37.566142566°N	122.319188752°W	18.75	MW-17Btoc
62	37.566143712°N	122.319188866°W	19.42	MW-17Btob

	A	B	C	D	E	F	G	H	I	J	K	L
1	**76 SERVICE STATION NO. 6390**											
2	**402 South Delaware Street**											
3	**San Mateo, California**											
4												
5	**ANTEA Project No. 140256390**											
6												
7	Project : 08119X											
8	User name MCE			Date & Time 8:53:54 AM 6/8/2011								
9	Coordinate System US State Plane 1983				Zone California Zone 3 0403							
10	Project Datum NAD 1983 (Conus)											
11	Vertical Datum NAVD 88											
12	Coordinate Units US survey feet											
13	Distance Units US survey feet											
14	Elevation Units US survey feet											
15												
16		MW-17B	MW	06/06/2011	37.5661426	-122.3191888	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing



NOTES:

1. COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 83.
2. BENCHMARK IS TOC MW-7 FROM A SURVEY BY MORROW SURVEYING DATED 1/16/2007. ELEVATION = 21.74, NAVD 88 DATUM.
3. SURVEYED AT THE REQUEST OF STANTEC IN AUGUST 2008 AND ANTEA IN JUNE 2011, PROJECT NO. 140256390.

MONITORING WELL LOCATION MAP FOR
76 SERVICE STATION NO. 6390

402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

MID COAST ENGINEERS
CIVIL ENGINEERS AND LAND SURVEYORS
70 PENNY LANE SUITE A WATSONVILLE, CA 95076
(831) 724-2580

SCALE IN FEET
0 40 80

SCALE:	1"=40'
JOB NO.	08119X
DATE:	JUNE 8, 2011
SHEET:	1 OF 1

Appendix K

Non-Hazardous Waste Manifests

NON-HAZARDOUS WASTE DATA FORM

NO. 693754 8

BESI # 193849

GENERATOR

Generator's Name and Mailing Address
PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Site Address (if different than mailing address)
76 STATION NO. 256390
402 S DELAWARE ST
SAN MATEO, CA 94402

Generator's Phone: 818-206-5705

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other
Quantity 3

Container type transported to receiving facility:
☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other
Quantity 1 Volume 165 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER
GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3.		
2. TPH		<1%	4.		

Waste Profile PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER
HANDLING INSTRUCTIONS:

Generator Printed/Typed Name: Evan Chatkian on behalf of Shane Nolan | Signature: [signature] | Month 06 Day 15 Year 11
The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE | Phone# 949-460-5200
Transporter 1 Printed/Typed Name: Larry Mothart | Signature: [signature] | Month 6 Day 20 Year 11
Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC. | Phone# 714-990-6855
Transporter 2 Printed/Typed Name: Richard Duran | Signature: [signature] | Month 06 Day 24 Year 11
Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222
256390
6660501

Phone# 310-637-7100

Printed/Typed Name: Fernando Marquez | Signature: [signature] | Month 06 Day 27 Year 11
Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
7 / 6 / 11		393 / 476	A07	37557	001

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	
PLATINUM ENERGY ATTENTION: SHANE NOLAN 30343 CANWOOD STREET, SUITE 200 AGOURA HILLS, CA 91301	818-208-5705	
	Person to Contact:	
	FAX#:	Customer Account Number

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Generation Site (Transport from): *(name & address)*	Site Phone #:	
76 STATION NO. 256390 402 S DELAWARE ST SAN MATEO, CA 94402	Person to Contact:	
	FAX#:	

Designated Facility (Transport to): *(name & address)*	Facility Phone #:	
SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	(800) 862-8001	
	Person to Contact: DELLENA JEFFREY	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address:	Transporter's Phone #:	CAR000183813
BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 193849	Person to Contact: LARRY MOOTHART	460847
	FAX#: 949-460-5210	Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	4 cms		41040	37600	2440
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					1.22

List any exception to items listed above: Scale Ticket # 94038

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☑	Signature and date:	Month	Day	Year
Evan Chantikian on behalf of Shane Nolan	Evan Chantikian / Antea Group	06	15	11

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
[illegible]		10	20	11

Recycling Facility

Discrepancies:
256390
668374

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	7/6/11

Please print or type.

TRANSPORTER COPY

Appendix L

Certified Laboratory Analytical Reports and Validation Forms

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

June 07, 2011

Doug Umland
Antea USA
312 Piercy Rd
San Jose, CA 95138

RE: Project: 256390
Pace Project No.: 257793

Dear Doug Umland:
Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Regina SteMarie

regina.stemarie@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, Antea USA
Dennis Dettloff, Antea USA
Jonathon Fillingame, Antea USA
Lia Holden, Antea USA
Dan Keltner, Antea USA
Josh Mahoney, Antea USA
Tony Perini, Antea USA
Nicole Persaud, Antea USA
Don Pinkerton, Antea USA
Ed Weyrens, Antea USA

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940 South Harney
Seattle, WA 98108
(206)767-5060

CERTIFICATIONS

Project: 256390
Pace Project No.: 257793

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Alaska Drinking Water VOC Certification #: WA01230
Alaska Drinking Water Micro Certification #: WA01230
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C1229

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Seattle, WA 98108
(206)767-5060

SAMPLE ANALYTE COUNT

Project: 256390
Pace Project No.: 257793

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257793001	**COMP ABCD**	EPA 6010	BGA	1	PASI-S
		EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S

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HITS ONLY

Project: 256390
Pace Project No.: 257793

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
257793001	**COMP ABCD**					
EPA 6010	Lead	6.3	mg/kg	0.88	05/28/11 21:37	
EPA 8260	Tetrachloroethene	0.0052	mg/kg	0.0028	06/01/11 11:38	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257793

Sample: COMP ABCD **Lab ID: 257793001** Collected: 05/19/11 14:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Lead	**6.3**	mg/kg	0.88	1	05/27/11 17:37	05/28/11 21:37	7439-92-1	
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0028	1		06/01/11 11:38	994-05-8	
Benzene	ND	mg/kg	0.0028	1		06/01/11 11:38	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.014	1		06/01/11 11:38	75-65-0	
Chloroform	ND	mg/kg	0.0028	1		06/01/11 11:38	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0028	1		06/01/11 11:38	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0028	1		06/01/11 11:38	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0055	1		06/01/11 11:38	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0028	1		06/01/11 11:38	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0028	1		06/01/11 11:38	108-20-3	
Ethanol	ND	mg/kg	0.37	1		06/01/11 11:38	64-17-5	
Ethylbenzene	ND	mg/kg	0.0028	1		06/01/11 11:38	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0028	1		06/01/11 11:38	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0028	1		06/01/11 11:38	1634-04-4	
Tetrachloroethene	**0.0052**	mg/kg	0.0028	1		06/01/11 11:38	127-18-4	
Toluene	ND	mg/kg	0.0028	1		06/01/11 11:38	108-88-3	
Trichloroethene	ND	mg/kg	0.0028	1		06/01/11 11:38	79-01-6	
Vinyl chloride	ND	mg/kg	0.0028	1		06/01/11 11:38	75-01-4	
Xylene (Total)	ND	mg/kg	0.0083	1		06/01/11 11:38	1330-20-7	
Dibromofluoromethane (S)	116	%	80-136	1		06/01/11 11:38	1868-53-7	
Toluene-d8 (S)	97	%	80-120	1		06/01/11 11:38	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122	1		06/01/11 11:38	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	80-143	1		06/01/11 11:38	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.23	1		06/01/11 11:38		
4-Bromofluorobenzene (S)	104	%	72-122	1		06/01/11 11:38	460-00-4	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257793

QC Batch: MPRP/2241
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 257793001

METHOD BLANK: 72302 Matrix: Solid
Associated Lab Samples: 257793001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	05/28/11 20:24	

LABORATORY CONTROL SAMPLE: 72303

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	25	24.9	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72304 72305

Parameter	Units	257779001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Lead	mg/kg	87.8	31.1	31.1	65.8	155	-71	215	75-125	81	M1,R1

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257793

QC Batch: MSV/4589
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5030 Volatile Organics
Associated Lab Samples: 257793001

METHOD BLANK: 72541 Matrix: Solid
Associated Lab Samples: 257793001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0030	06/01/11 11:18	
1,2-Dichloroethane	mg/kg	ND	0.0030	06/01/11 11:18	
1,2-Dichloroethene (Total)	mg/kg	ND	0.0060	06/01/11 11:18	
Benzene	mg/kg	ND	0.0030	06/01/11 11:18	
Chloroform	mg/kg	ND	0.0030	06/01/11 11:18	
cis-1,2-Dichloroethene	mg/kg	ND	0.0030	06/01/11 11:18	
Diisopropyl ether	mg/kg	ND	0.0030	06/01/11 11:18	
Ethanol	mg/kg	ND	0.40	06/01/11 11:18	
Ethyl-tert-butyl ether	mg/kg	ND	0.0030	06/01/11 11:18	
Ethylbenzene	mg/kg	ND	0.0030	06/01/11 11:18	
Methyl-tert-butyl ether	mg/kg	ND	0.0030	06/01/11 11:18	
tert-Amylmethyl ether	mg/kg	ND	0.0030	06/01/11 11:18	
tert-Butyl Alcohol	mg/kg	ND	0.015	06/01/11 11:18	
Tetrachloroethene	mg/kg	ND	0.0030	06/01/11 11:18	
Toluene	mg/kg	ND	0.0030	06/01/11 11:18	
Trichloroethene	mg/kg	ND	0.0030	06/01/11 11:18	
Vinyl chloride	mg/kg	ND	0.0030	06/01/11 11:18	
Xylene (Total)	mg/kg	ND	0.0090	06/01/11 11:18	
1,2-Dichloroethane-d4 (S)	%	120	80-143	06/01/11 11:18	
4-Bromofluorobenzene (S)	%	104	72-122	06/01/11 11:18	
Dibromofluoromethane (S)	%	115	80-136	06/01/11 11:18	
Toluene-d8 (S)	%	97	80-120	06/01/11 11:18	

LABORATORY CONTROL SAMPLE: 72542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	.05	0.049	99	71-123	
1,2-Dichloroethane	mg/kg	.05	0.063	125	70-124	L3
1,2-Dichloroethene (Total)	mg/kg	.1	0.11	111	69-138	
Benzene	mg/kg	.05	0.049	98	75-133	
Chloroform	mg/kg	.05	0.062	124	72-131	
cis-1,2-Dichloroethene	mg/kg	.05	0.054	109	76-132	
Diisopropyl ether	mg/kg	.05	0.050	99	63-139	
Ethanol	mg/kg	1	1.5	154	53-134	L3
Ethyl-tert-butyl ether	mg/kg	.05	0.056	113	63-135	
Ethylbenzene	mg/kg	.05	0.051	102	68-131	
Methyl-tert-butyl ether	mg/kg	.05	0.058	115	52-143	
tert-Amylmethyl ether	mg/kg	.05	0.055	110	62-138	
tert-Butyl Alcohol	mg/kg	.25	0.26	104	35-151	
Tetrachloroethene	mg/kg	.05	0.054	107	62-130	
Toluene	mg/kg	.05	0.047	94	73-124	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257793

LABORATORY CONTROL SAMPLE: 72542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	mg/kg	.05	0.055	110	74-128	
Vinyl chloride	mg/kg	.05	0.061	123	59-155	
Xylene (Total)	mg/kg	.15	0.14	95	68-130	
1,2-Dichloroethane-d4 (S)	%			119	80-143	
4-Bromofluorobenzene (S)	%			100	72-122	
Dibromofluoromethane (S)	%			116	80-136	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72771 72772

Parameter	Units	257933001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	.047	.043	0.061	0.067	131	158	71-123	10	M1
1,2-Dichloroethane	mg/kg	ND	.047	.043	0.068	0.076	146	178	71-124	11	M0
1,2-Dichloroethene (Total)	mg/kg	ND	.093	.085	0.11	0.10	115	120	64-112	5	M1
Benzene	mg/kg	ND	.047	.043	0.046	0.047	99	111	68-124	3	
Chloroform	mg/kg	ND	.047	.043	0.059	0.062	126	146	72-113	6	M1
cis-1,2-Dichloroethene	mg/kg	ND	.047	.043	0.054	0.052	115	121	73-122	4	
Diisopropyl ether	mg/kg	ND	.047	.043	0.047	0.047	100	110	20-160	.2	
Ethanol	mg/kg	ND	.93	.85	1.8	2.0	191	238	60-140	13	M0
Ethyl-tert-butyl ether	mg/kg	ND	.047	.043	0.057	0.059	123	138	70-140	3	
Ethylbenzene	mg/kg	ND	.047	.043	0.052	0.053	109	123	63-131	3	
Methyl-tert-butyl ether	mg/kg	ND	.047	.043	0.064	0.065	138	153	68-139	2	M1
tert-Amylmethyl ether	mg/kg	ND	.047	.043	0.060	0.063	128	148	74-125	5	M1
tert-Butyl Alcohol	mg/kg	ND	.23	.21	0.40	0.44	171	206	49-122	10	M1
Tetrachloroethene	mg/kg	ND	.047	.043	0.051	0.057	109	135	66-121	12	M1
Toluene	mg/kg	ND	.047	.043	0.043	0.048	93	112	61-126	9	
Trichloroethene	mg/kg	ND	.047	.043	0.054	0.058	116	136	72-115	7	M1
Vinyl chloride	mg/kg	ND	.047	.043	0.053	0.049	114	116	49-122	7	
Xylene (Total)	mg/kg	ND	.14	.13	0.15	0.15	102	113	68-129	.5	
1,2-Dichloroethane-d4 (S)	%						133	140	80-143		
4-Bromofluorobenzene (S)	%						107	107	72-122		
Dibromofluoromethane (S)	%						121	123	80-136		
Toluene-d8 (S)	%						91	95	80-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257793

QC Batch: MSV/4588
QC Batch Method: CA LUFT
Analysis Method: CA LUFT
Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257793001

METHOD BLANK: 72539
Matrix: Solid
Associated Lab Samples: 257793001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	0.25	06/01/11 11:18	
4-Bromofluorobenzene (S)	%	104	72-122	06/01/11 11:18	

LABORATORY CONTROL SAMPLE & LCSD: 72540 72765

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	.5	0.50	0.57	101	114	60-140	12	30	
4-Bromofluorobenzene (S)	%				103	104	72-122			

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QUALIFIERS

Project: 256390
Pace Project No.: 257793

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S	Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/4588

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 256390
Pace Project No.: 257793

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257793001	**COMP ABCD**	EPA 3050	MPRP/2241	EPA 6010	ICP/2147
257793001	**COMP ABCD**	EPA 8260	MSV/4589		
257793001	**COMP ABCD**	CA LUFT	MSV/4588		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

257793

Page: 1 of 1

1438571

Section A Required Client Information:

Company: Antea Group
Address: 312 Piercy Road San Jose, CA
Email To: doug.umland@anteagroup.com
Phone: Fax:
Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: Doug Umland
Copy To: evan.chantikian@anteagroup.com
Purchase Order No.:
Project Name: 1402566390
Project Number:

Section C Invoice Information:

Attention: Doug Umland
Company Name: Antea Group
Address: 312 Piercy Rd
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: Regina St Marie

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: CA

Section D Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: 6RO CALVET Gas	8260B PIC	8260B BTEX, MTBE	8010 Total Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	COMP ABCD	SL	C			5/19/11	1415		4	✓								X	X	X	X		
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
T6081006322	Evan Chantikian/Antea	5/20/11	1200							
	Fedex	5/21/11	1020	Jyothi Sway/PACE	5/21/11	1020	0.4	NS Y	N	4

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Evan Chantikian

SIGNATURE of SAMPLER: Evan Chantikian

DATE Signed (MM/DD/YY): 05/19/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

257793

Sample Container Count

Pace Analytical

CLIENT: Antea

COC PAGE 1 of 1

COC ID# 1438571

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	sleeve			Comments
1												4			
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															Trip Blank? No

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Pace Analytical

Sample Condition Upon Receipt

257793

Client Name: Antea_CA Project #

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 8726 5346 7826

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags None Other Temp. Blank Yes No

Thermometer Used 132013 or 101731952 or 226099 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 0.4°C Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C

Comments:

Date and Initials of person examining contents: NS 5/24/11

Chain of Custody Present:	Yes	No	N/A
Chain of Custody Filled Out:	Yes	No	N/A
Chain of Custody Relinquished:	Yes	No	N/A
Sampler Name & Signature on COC:	Yes	No	N/A
Samples Arrived within Hold Time:	Yes	No	N/A
Short Hold Time Analysis (<72hr):	No	Yes	N/A
Rush Turn Around Time Requested:	No	Yes	N/A
Follow Up / Hold Analysis Requested:	No	Yes	N/A
Sufficient Volume:	Yes	No	N/A
Correct Containers Used:	Yes	No	N/A
-Pace Containers Used:	No	Yes	N/A
Containers Intact:	Yes	No	N/A
Filtered volume received for Dissolved tests	No	No	Yes
Sample Labels match COC:	Yes	No	N/A
-Includes date/time/ID/Analysis Matrix: Soil			
All containers needing preservation have been checked	No	No	Yes
All containers needing preservation are found to be in compliance with EPA recommendation	No	No	Yes
Exceptions: VOA, coliform, TOC, O&G	Initial when completed	Lot # of added preservative	
Samples checked for dechlorination:	No	No	N/A
Headspace in VOA Vials (>6mm):	No	No	Yes
Trip Blanks Present:	No	Yes	N/A
Trip Blank Custody Seals Present	No	No	Yes
Pace Trip Blank Lot # (if purchased):			

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.
13.	14.	15.	16.
17			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: RSM Date: 05/23/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Is the Data Valid?

(circle)

Yes / No

Preservation Temperature

(if Known): _____ °C

Antea Group Lab Validation Sheet

Project/Client: I40256390/ CoP ELT

Project #: I40256390

Date of Validation: 7/7/2011 **Date of Analysis:** 5/28-6/1/2011

Sample Date: 5/19/2011 **Completed By:** Nadine Periat

Signature: 

Circle or Highlight **Yes / No** (below)

Analytical Lab Used and Report # Pace Analytical No. 257793

1.	Was the analysis the one requested?	**Yes** / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	**Yes** / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	**Yes** / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	**Yes** / No
5.	Were Laboratory blanks performed, if so, were they below non-detect?	**Yes** / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	**Yes** / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / **No**
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / **No**
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)?	Yes / **No**
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	**Yes** / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	Yes / **No**

If any answer is no, explain why and what corrective action was taken:

7. No MS/MSD were run on the QC batch for GRO due to a low sample volume. The absence of a MS/MSD does not affect the sample result.
8. Laboratory Control Samples were run in lieu of MS/MSDs
9. MS/MSD recovery was outside laboratory control limits. This was noted for 1,2-Dichloroethane and Ethanol analyses. MS recovery was outside QC limits for EDB, 1,2-Dichloroethene (total), chloroform, MTBE, TAME, TBA, PCE and TCE.
11. RPD was outside control limits on the lead QC sample.

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

June 08, 2011

Doug Umland
Antea USA
312 Piercy Rd
San Jose, CA 95138

RE: Project: 256390
Pace Project No.: 257794

Dear Doug Umland:
Enclosed are the analytical results for sample(s) received by the laboratory between May 21, 2011 and May 24, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Regina SteMarie

regina.stemarie@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, Antea USA
Dennis Dettloff, Antea USA
Jonathon Fillingame, Antea USA
Lia Holden, Antea USA
Dan Keltner, Antea USA
Josh Mahoney, Antea USA
Tony Perini, Antea USA
Nicole Persaud, Antea USA
Don Pinkerton, Antea USA
Ed Weyrens, Antea USA

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CERTIFICATIONS

Project: 256390
Pace Project No.: 257794

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Alaska Drinking Water VOC Certification #: WA01230
Alaska Drinking Water Micro Certification #: WA01230
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C1229

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SAMPLE ANALYTE COUNT

Project: 256390
Pace Project No.: 257794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257794001	SB-1	EPA 5030B/8260	ATH	22	PASI-S
		CA LUFT	ATH	2	PASI-S
257794002	SB-1d10	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794003	SB-1d5	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794004	SB-1d20	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794005	SB-1d25	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794006	SB-3	EPA 5030B/8260	ATH	22	PASI-S
		CA LUFT	ATH	2	PASI-S
257794007	SB-3d5	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794008	SB-3d10	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794009	SB-3d15	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794010	SB-3d17	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794011	SB-3d20	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794012	SB-3d25	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794013	SB-4	EPA 5030B/8260	CC	22	PASI-S
		CA LUFT	CC	2	PASI-S
257794014	SB-7	EPA 5030B/8260	ATH, CC	22	PASI-S
		CA LUFT	CC	2	PASI-S
257794015	SB-7d17	EPA 8260	CC	8	PASI-S
		EPA 8260	LPM	18	PASI-S
		CA LUFT	CC	2	PASI-S
257794016	SB-7d20	EPA 8260	CC	21	PASI-S
		CA LUFT	CC	2	PASI-S
257794017	SB-7d25	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794018	SB-3d30	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S

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SAMPLE ANALYTE COUNT

Project: 256390
Pace Project No.: 257794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
257794019	**SB-4d10**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794020	**SB-4d15**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794021	**SB-4d17**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794022	**SB-4d20**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794023	**SB-4d24**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794024	**SB-4d30**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794025	**SB-5d5**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794026	**SB-5d10**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794027	**SB-5d15**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794028	**SB-5d17**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794029	**SB-5d20**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794030	**SB-5d25**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794031	**SB-5d30**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794032	**SB-5d35**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794033	**SB-5d40**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794034	**MW-17Bd5**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794035	**MW-17Bd10**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794036	**MW-17Bd15**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794037	**MW-17Bd17**	EPA 8260	LPM	22	PASI-S

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SAMPLE ANALYTE COUNT

Project: 256390
Pace Project No.: 257794

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		CA LUFT	LPM	2	PASI-S
257794038	**MW-17Bd20**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794039	**MW-17Bd25**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794040	**MW-17Bd30**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794041	**SB-7d10**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
257794042	**SB-7d15**	EPA 8260	CC	8	PASI-S
		EPA 8260	LPM	18	PASI-S
		CA LUFT	CC	2	PASI-S

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HITS ONLY

Project: 256390
Pace Project No.: 257794

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
257794001	**SB-1**					
EPA 5030B/8260	Chloroform	4.8	ug/L	1.0	05/27/11 19:10	
EPA 5030B/8260	1,2-Dichloroethene (Total)	15.0	ug/L	2.0	05/27/11 19:10	
EPA 5030B/8260	cis-1,2-Dichloroethene	15.0	ug/L	1.0	05/27/11 19:10	
EPA 5030B/8260	Tetrachloroethene	38.9	ug/L	1.0	05/27/11 19:10	
EPA 5030B/8260	Trichloroethene	4.7	ug/L	1.0	05/27/11 19:10	
CA LUFT	TPH-Gasoline (C05-C12)	111	ug/L	50.0	05/27/11 19:10	
257794005	**SB-1d25**					
EPA 8260	Tetrachloroethene	0.0083	mg/kg	0.0025	05/25/11 19:00	
257794006	**SB-3**					
EPA 5030B/8260	Tetrachloroethene	1.9	ug/L	1.0	05/27/11 19:28	
257794013	**SB-4**					
EPA 5030B/8260	Benzene	0.54	ug/L	0.50	06/01/11 19:05	
EPA 5030B/8260	Chloroform	2.7	ug/L	1.0	06/01/11 19:05	
EPA 5030B/8260	Tetrachloroethene	11.9	ug/L	1.0	06/01/11 19:05	
257794014	**SB-7**					
EPA 5030B/8260	tert-Amylmethyl ether	2.0	ug/L	0.50	05/27/11 19:45	
EPA 5030B/8260	Benzene	2790	ug/L	50.0	06/01/11 17:04	
EPA 5030B/8260	tert-Butyl Alcohol	2950	ug/L	500	06/01/11 17:04	
EPA 5030B/8260	1,2-Dichloroethene (Total)	3.4	ug/L	2.0	05/27/11 19:45	
EPA 5030B/8260	cis-1,2-Dichloroethene	3.4	ug/L	1.0	05/27/11 19:45	
EPA 5030B/8260	Ethylbenzene	4080	ug/L	50.0	06/01/11 17:04	
EPA 5030B/8260	Methyl-tert-butyl ether	1160	ug/L	50.0	06/01/11 17:04	
EPA 5030B/8260	Tetrachloroethene	6.7	ug/L	1.0	05/27/11 19:45	
EPA 5030B/8260	Toluene	15600	ug/L	50.0	06/01/11 17:04	
EPA 5030B/8260	Trichloroethene	3.4	ug/L	1.0	05/27/11 19:45	
EPA 5030B/8260	Xylene (Total)	21000	ug/L	150	06/01/11 17:04	
CA LUFT	TPH-Gasoline (C05-C12)	166000	ug/L	5000	06/01/11 17:04	
257794015	**SB-7d17**					
EPA 8260	Benzene	0.066	mg/kg	0.021	05/28/11 11:21	
EPA 8260	Ethylbenzene	35.6	mg/kg	2.1	05/28/11 09:41	
EPA 8260	Xylene (Total)	204	mg/kg	6.4	05/28/11 09:41	
EPA 8260	Tetrachloroethene	0.0061	mg/kg	0.0027	05/25/11 21:34	
CA LUFT	TPH-Gasoline (C05-C12)	1790	mg/kg	106	05/28/11 09:41	
257794016	**SB-7d20**					
EPA 8260	Benzene	0.80	mg/kg	0.020	05/28/11 11:41	
EPA 8260	Chloroform	0.19	mg/kg	0.040	05/28/11 11:41	
EPA 8260	Ethylbenzene	127	mg/kg	2.0	05/28/11 10:01	
EPA 8260	Toluene	87.2	mg/kg	2.0	05/28/11 10:01	
EPA 8260	Xylene (Total)	721	mg/kg	6.0	05/28/11 10:01	
CA LUFT	TPH-Gasoline (C05-C12)	4900	mg/kg	100	05/28/11 10:01	
257794017	**SB-7d25**					
EPA 8260	cis-1,2-Dichloroethene	0.0042	mg/kg	0.0034	05/25/11 20:42	
EPA 8260	Ethylbenzene	0.0081	mg/kg	0.0034	05/25/11 20:42	

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HITS ONLY

Project: 256390
Pace Project No.: 257794

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
257794017	**SB-7d25**					
EPA 8260	Tetrachloroethene	0.049	mg/kg	0.0034	05/25/11 20:42	
EPA 8260	Toluene	0.015	mg/kg	0.0034	05/25/11 20:42	
EPA 8260	Trichloroethene	0.0048	mg/kg	0.0034	05/25/11 20:42	
EPA 8260	Xylene (Total)	0.048	mg/kg	0.010	05/25/11 20:42	
CA LUFT	TPH-Gasoline (C05-C12)	0.43	mg/kg	0.28	05/25/11 20:42	
257794021	**SB-4d17**					
EPA 8260	Tetrachloroethene	0.0050	mg/kg	0.0041	05/27/11 12:24	
257794022	**SB-4d20**					
EPA 8260	Tetrachloroethene	0.0041	mg/kg	0.0031	05/27/11 12:44	
257794023	**SB-4d24**					
EPA 8260	Tetrachloroethene	0.0060	mg/kg	0.0024	05/27/11 13:03	
257794024	**SB-4d30**					
EPA 8260	Tetrachloroethene	0.0030	mg/kg	0.0021	05/27/11 13:23	
257794030	**SB-5d25**					
EPA 8260	Tetrachloroethene	0.0037	mg/kg	0.0025	05/27/11 15:22	
257794031	**SB-5d30**					
EPA 8260	Tetrachloroethene	0.0093	mg/kg	0.0024	05/27/11 15:42	
257794033	**SB-5d40**					
EPA 8260	Tetrachloroethene	0.0037	mg/kg	0.0032	05/27/11 16:22	
257794040	**MW-17Bd30**					
EPA 8260	Tetrachloroethene	0.026	mg/kg	0.0027	05/31/11 15:05	
257794042	**SB-7d15**					
EPA 8260	Benzene	0.039	mg/kg	0.018	05/28/11 11:01	
EPA 8260	Ethylbenzene	21.4	mg/kg	0.37	05/28/11 09:21	
EPA 8260	Toluene	0.081	mg/kg	0.037	05/28/11 11:01	
EPA 8260	Xylene (Total)	116	mg/kg	1.1	05/28/11 09:21	
CA LUFT	TPH-Gasoline (C05-C12)	1330	mg/kg	18.3	05/28/11 09:21	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-1 **Lab ID: 257794001** Collected: 05/18/11 09:00 Received: 05/21/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		05/27/11 19:10	994-05-8	
Benzene	ND	ug/L	0.50	1		05/27/11 19:10	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		05/27/11 19:10	75-65-0	
Chloroform	**4.8**	ug/L	1.0	1		05/27/11 19:10	67-66-3	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/27/11 19:10	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/27/11 19:10	107-06-2	
1,2-Dichloroethene (Total)	**15.0**	ug/L	2.0	1		05/27/11 19:10	540-59-0	
cis-1,2-Dichloroethene	**15.0**	ug/L	1.0	1		05/27/11 19:10	156-59-2	
Diisopropyl ether	ND	ug/L	0.50	1		05/27/11 19:10	108-20-3	
Ethanol	ND	ug/L	250	1		05/27/11 19:10	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		05/27/11 19:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		05/27/11 19:10	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		05/27/11 19:10	1634-04-4	
Tetrachloroethene	**38.9**	ug/L	1.0	1		05/27/11 19:10	127-18-4	
Toluene	ND	ug/L	0.50	1		05/27/11 19:10	108-88-3	
Trichloroethene	**4.7**	ug/L	1.0	1		05/27/11 19:10	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/27/11 19:10	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		05/27/11 19:10	1330-20-7	
4-Bromofluorobenzene (S)	101	%	80-120	1		05/27/11 19:10	460-00-4	
Dibromofluoromethane (S)	96	%	80-122	1		05/27/11 19:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	80-124	1		05/27/11 19:10	17060-07-0	
Toluene-d8 (S)	98	%	80-123	1		05/27/11 19:10	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**111**	ug/L	50.0	1		05/27/11 19:10		
4-Bromofluorobenzene (S)	101	%	82-116	1		05/27/11 19:10	460-00-4	

Sample: SB-1d10 **Lab ID: 257794002** Collected: 05/18/11 07:12 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0025	1		05/25/11 18:09	994-05-8	
Benzene	ND	mg/kg	0.0025	1		05/25/11 18:09	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/25/11 18:09	75-65-0	
Chloroform	ND	mg/kg	0.0025	1		05/25/11 18:09	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0025	1		05/25/11 18:09	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0025	1		05/25/11 18:09	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0050	1		05/25/11 18:09	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	1		05/25/11 18:09	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0025	1		05/25/11 18:09	108-20-3	
Ethanol	ND	mg/kg	0.33	1		05/25/11 18:09	64-17-5	
Ethylbenzene	ND	mg/kg	0.0025	1		05/25/11 18:09	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/25/11 18:09	637-92-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-1d10 **Lab ID: 257794002** Collected: 05/18/11 07:12 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/25/11 18:09	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0025	1		05/25/11 18:09	127-18-4	
Toluene	ND	mg/kg	0.0025	1		05/25/11 18:09	108-88-3	
Trichloroethene	ND	mg/kg	0.0025	1		05/25/11 18:09	79-01-6	
Vinyl chloride	ND	mg/kg	0.0025	1		05/25/11 18:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.0075	1		05/25/11 18:09	1330-20-7	
Dibromofluoromethane (S)	101	%	80-136	1		05/25/11 18:09	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/25/11 18:09	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 18:09	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-143	1		05/25/11 18:09	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.21	1		05/25/11 18:09		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 18:09	460-00-4	

Sample: SB-1d5 **Lab ID: 257794003** Collected: 05/18/11 07:10 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0022	1		05/25/11 18:26	994-05-8	
Benzene	ND	mg/kg	0.0022	1		05/25/11 18:26	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.011	1		05/25/11 18:26	75-65-0	
Chloroform	ND	mg/kg	0.0022	1		05/25/11 18:26	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0022	1		05/25/11 18:26	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0022	1		05/25/11 18:26	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0044	1		05/25/11 18:26	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0022	1		05/25/11 18:26	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0022	1		05/25/11 18:26	108-20-3	
Ethanol	ND	mg/kg	0.29	1		05/25/11 18:26	64-17-5	
Ethylbenzene	ND	mg/kg	0.0022	1		05/25/11 18:26	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0022	1		05/25/11 18:26	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0022	1		05/25/11 18:26	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0022	1		05/25/11 18:26	127-18-4	
Toluene	ND	mg/kg	0.0022	1		05/25/11 18:26	108-88-3	
Trichloroethene	ND	mg/kg	0.0022	1		05/25/11 18:26	79-01-6	
Vinyl chloride	ND	mg/kg	0.0022	1		05/25/11 18:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.0066	1		05/25/11 18:26	1330-20-7	
Dibromofluoromethane (S)	100	%	80-136	1		05/25/11 18:26	1868-53-7	
Toluene-d8 (S)	97	%	80-120	1		05/25/11 18:26	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 18:26	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-143	1		05/25/11 18:26	17060-07-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-1d5 **Lab ID: 257794003** Collected: 05/18/11 07:10 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.18	1		05/25/11 18:26		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 18:26	460-00-4	

Sample: SB-1d20 **Lab ID: 257794004** Collected: 05/18/11 08:20 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0022	1		05/25/11 18:43	994-05-8	
Benzene	ND	mg/kg	0.0022	1		05/25/11 18:43	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.011	1		05/25/11 18:43	75-65-0	
Chloroform	ND	mg/kg	0.0022	1		05/25/11 18:43	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0022	1		05/25/11 18:43	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0022	1		05/25/11 18:43	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0044	1		05/25/11 18:43	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0022	1		05/25/11 18:43	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0022	1		05/25/11 18:43	108-20-3	
Ethanol	ND	mg/kg	0.29	1		05/25/11 18:43	64-17-5	
Ethylbenzene	ND	mg/kg	0.0022	1		05/25/11 18:43	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0022	1		05/25/11 18:43	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0022	1		05/25/11 18:43	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0022	1		05/25/11 18:43	127-18-4	
Toluene	ND	mg/kg	0.0022	1		05/25/11 18:43	108-88-3	
Trichloroethene	ND	mg/kg	0.0022	1		05/25/11 18:43	79-01-6	
Vinyl chloride	ND	mg/kg	0.0022	1		05/25/11 18:43	75-01-4	
Xylene (Total)	ND	mg/kg	0.0065	1		05/25/11 18:43	1330-20-7	
Dibromofluoromethane (S)	103	%	80-136	1		05/25/11 18:43	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/25/11 18:43	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		05/25/11 18:43	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-143	1		05/25/11 18:43	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.18	1		05/25/11 18:43		
4-Bromofluorobenzene (S)	102	%	72-122	1		05/25/11 18:43	460-00-4	

Sample: SB-1d25 **Lab ID: 257794005** Collected: 05/18/11 08:21 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0025	1		05/25/11 19:00	994-05-8	
Benzene	ND	mg/kg	0.0025	1		05/25/11 19:00	71-43-2	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-1d25 **Lab ID: 257794005** Collected: 05/18/11 08:21 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/25/11 19:00	75-65-0	
Chloroform	ND	mg/kg	0.0025	1		05/25/11 19:00	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0025	1		05/25/11 19:00	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0025	1		05/25/11 19:00	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0051	1		05/25/11 19:00	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	1		05/25/11 19:00	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0025	1		05/25/11 19:00	108-20-3	
Ethanol	ND	mg/kg	0.34	1		05/25/11 19:00	64-17-5	
Ethylbenzene	ND	mg/kg	0.0025	1		05/25/11 19:00	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/25/11 19:00	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/25/11 19:00	1634-04-4	
Tetrachloroethene	**0.0083**	mg/kg	0.0025	1		05/25/11 19:00	127-18-4	
Toluene	ND	mg/kg	0.0025	1		05/25/11 19:00	108-88-3	
Trichloroethene	ND	mg/kg	0.0025	1		05/25/11 19:00	79-01-6	
Vinyl chloride	ND	mg/kg	0.0025	1		05/25/11 19:00	75-01-4	
Xylene (Total)	ND	mg/kg	0.0076	1		05/25/11 19:00	1330-20-7	
Dibromofluoromethane (S)	102	%	80-136	1		05/25/11 19:00	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/25/11 19:00	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		05/25/11 19:00	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-143	1		05/25/11 19:00	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.21	1		05/25/11 19:00		
4-Bromofluorobenzene (S)	102	%	72-122	1		05/25/11 19:00	460-00-4	

Sample: SB-3 **Lab ID: 257794006** Collected: 05/18/11 11:50 Received: 05/21/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		05/27/11 19:28	994-05-8	
Benzene	ND	ug/L	0.50	1		05/27/11 19:28	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		05/27/11 19:28	75-65-0	
Chloroform	ND	ug/L	1.0	1		05/27/11 19:28	67-66-3	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/27/11 19:28	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/27/11 19:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		05/27/11 19:28	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		05/27/11 19:28	156-59-2	
Diisopropyl ether	ND	ug/L	0.50	1		05/27/11 19:28	108-20-3	
Ethanol	ND	ug/L	250	1		05/27/11 19:28	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		05/27/11 19:28	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		05/27/11 19:28	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		05/27/11 19:28	1634-04-4	
Tetrachloroethene	**1.9**	ug/L	1.0	1		05/27/11 19:28	127-18-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-3 **Lab ID: 257794006** Collected: 05/18/11 11:50 Received: 05/21/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Toluene	ND	ug/L	0.50	1		05/27/11 19:28	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		05/27/11 19:28	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/27/11 19:28	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		05/27/11 19:28	1330-20-7	
4-Bromofluorobenzene (S)	99	%	80-120	1		05/27/11 19:28	460-00-4	
Dibromofluoromethane (S)	97	%	80-122	1		05/27/11 19:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	80-124	1		05/27/11 19:28	17060-07-0	
Toluene-d8 (S)	98	%	80-123	1		05/27/11 19:28	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		05/27/11 19:28		
4-Bromofluorobenzene (S)	99	%	82-116	1		05/27/11 19:28	460-00-4	

Sample: SB-3d5 **Lab ID: 257794007** Collected: 05/18/11 10:10 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0022	1		05/25/11 19:17	994-05-8	
Benzene	ND	mg/kg	0.0022	1		05/25/11 19:17	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.011	1		05/25/11 19:17	75-65-0	
Chloroform	ND	mg/kg	0.0022	1		05/25/11 19:17	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0022	1		05/25/11 19:17	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0022	1		05/25/11 19:17	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0045	1		05/25/11 19:17	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0022	1		05/25/11 19:17	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0022	1		05/25/11 19:17	108-20-3	
Ethanol	ND	mg/kg	0.30	1		05/25/11 19:17	64-17-5	
Ethylbenzene	ND	mg/kg	0.0022	1		05/25/11 19:17	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0022	1		05/25/11 19:17	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0022	1		05/25/11 19:17	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0022	1		05/25/11 19:17	127-18-4	
Toluene	ND	mg/kg	0.0022	1		05/25/11 19:17	108-88-3	
Trichloroethene	ND	mg/kg	0.0022	1		05/25/11 19:17	79-01-6	
Vinyl chloride	ND	mg/kg	0.0022	1		05/25/11 19:17	75-01-4	
Xylene (Total)	ND	mg/kg	0.0067	1		05/25/11 19:17	1330-20-7	
Dibromofluoromethane (S)	101	%	80-136	1		05/25/11 19:17	1868-53-7	
Toluene-d8 (S)	99	%	80-120	1		05/25/11 19:17	2037-26-5	
4-Bromofluorobenzene (S)	105	%	72-122	1		05/25/11 19:17	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-143	1		05/25/11 19:17	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.19	1		05/25/11 19:17		
4-Bromofluorobenzene (S)	105	%	72-122	1		05/25/11 19:17	460-00-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-3d10 **Lab ID: 257794008** Collected: 05/18/11 10:14 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0027	1		05/25/11 19:34	994-05-8	
Benzene	ND	mg/kg	0.0027	1		05/25/11 19:34	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/25/11 19:34	75-65-0	
Chloroform	ND	mg/kg	0.0027	1		05/25/11 19:34	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0027	1		05/25/11 19:34	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0027	1		05/25/11 19:34	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0054	1		05/25/11 19:34	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0027	1		05/25/11 19:34	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0027	1		05/25/11 19:34	108-20-3	
Ethanol	ND	mg/kg	0.36	1		05/25/11 19:34	64-17-5	
Ethylbenzene	ND	mg/kg	0.0027	1		05/25/11 19:34	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/25/11 19:34	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/25/11 19:34	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0027	1		05/25/11 19:34	127-18-4	
Toluene	ND	mg/kg	0.0027	1		05/25/11 19:34	108-88-3	
Trichloroethene	ND	mg/kg	0.0027	1		05/25/11 19:34	79-01-6	
Vinyl chloride	ND	mg/kg	0.0027	1		05/25/11 19:34	75-01-4	
Xylene (Total)	ND	mg/kg	0.0081	1		05/25/11 19:34	1330-20-7	
Dibromofluoromethane (S)	101	%	80-136	1		05/25/11 19:34	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/25/11 19:34	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 19:34	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-143	1		05/25/11 19:34	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.22	1		05/25/11 19:34		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 19:34	460-00-4	

Sample: SB-3d15 **Lab ID: 257794009** Collected: 05/18/11 10:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		05/25/11 19:51	994-05-8	
Benzene	ND	mg/kg	0.0024	1		05/25/11 19:51	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/25/11 19:51	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		05/25/11 19:51	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		05/25/11 19:51	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		05/25/11 19:51	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0048	1		05/25/11 19:51	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		05/25/11 19:51	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		05/25/11 19:51	108-20-3	
Ethanol	ND	mg/kg	0.32	1		05/25/11 19:51	64-17-5	
Ethylbenzene	ND	mg/kg	0.0024	1		05/25/11 19:51	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/25/11 19:51	637-92-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-3d15 **Lab ID: 257794009** Collected: 05/18/11 10:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/25/11 19:51	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0024	1		05/25/11 19:51	127-18-4	
Toluene	ND	mg/kg	0.0024	1		05/25/11 19:51	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		05/25/11 19:51	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		05/25/11 19:51	75-01-4	
Xylene (Total)	ND	mg/kg	0.0072	1		05/25/11 19:51	1330-20-7	
Dibromofluoromethane (S)	99	%	80-136	1		05/25/11 19:51	1868-53-7	
Toluene-d8 (S)	99	%	80-120	1		05/25/11 19:51	2037-26-5	
4-Bromofluorobenzene (S)	101	%	72-122	1		05/25/11 19:51	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	80-143	1		05/25/11 19:51	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/25/11 19:51		
4-Bromofluorobenzene (S)	101	%	72-122	1		05/25/11 19:51	460-00-4	

Sample: SB-3d17 **Lab ID: 257794010** Collected: 05/18/11 10:25 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0031	1		05/25/11 20:08	994-05-8	
Benzene	ND	mg/kg	0.0031	1		05/25/11 20:08	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.016	1		05/25/11 20:08	75-65-0	
Chloroform	ND	mg/kg	0.0031	1		05/25/11 20:08	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0031	1		05/25/11 20:08	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0031	1		05/25/11 20:08	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0062	1		05/25/11 20:08	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0031	1		05/25/11 20:08	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0031	1		05/25/11 20:08	108-20-3	
Ethanol	ND	mg/kg	0.41	1		05/25/11 20:08	64-17-5	
Ethylbenzene	ND	mg/kg	0.0031	1		05/25/11 20:08	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0031	1		05/25/11 20:08	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0031	1		05/25/11 20:08	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0031	1		05/25/11 20:08	127-18-4	
Toluene	ND	mg/kg	0.0031	1		05/25/11 20:08	108-88-3	
Trichloroethene	ND	mg/kg	0.0031	1		05/25/11 20:08	79-01-6	
Vinyl chloride	ND	mg/kg	0.0031	1		05/25/11 20:08	75-01-4	
Xylene (Total)	ND	mg/kg	0.0093	1		05/25/11 20:08	1330-20-7	
Dibromofluoromethane (S)	99	%	80-136	1		05/25/11 20:08	1868-53-7	
Toluene-d8 (S)	100	%	80-120	1		05/25/11 20:08	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 20:08	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	80-143	1		05/25/11 20:08	17060-07-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-3d17 **Lab ID: 257794010** Collected: 05/18/11 10:25 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.26	1		05/25/11 20:08		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 20:08	460-00-4	

Sample: SB-3d20 **Lab ID: 257794011** Collected: 05/18/11 10:27 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		05/25/11 20:25	994-05-8	
Benzene	ND	mg/kg	0.0024	1		05/25/11 20:25	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/25/11 20:25	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		05/25/11 20:25	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		05/25/11 20:25	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		05/25/11 20:25	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0048	1		05/25/11 20:25	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		05/25/11 20:25	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		05/25/11 20:25	108-20-3	
Ethanol	ND	mg/kg	0.32	1		05/25/11 20:25	64-17-5	
Ethylbenzene	ND	mg/kg	0.0024	1		05/25/11 20:25	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/25/11 20:25	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/25/11 20:25	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0024	1		05/25/11 20:25	127-18-4	
Toluene	ND	mg/kg	0.0024	1		05/25/11 20:25	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		05/25/11 20:25	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		05/25/11 20:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.0072	1		05/25/11 20:25	1330-20-7	
Dibromofluoromethane (S)	100	%	80-136	1		05/25/11 20:25	1868-53-7	
Toluene-d8 (S)	99	%	80-120	1		05/25/11 20:25	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		05/25/11 20:25	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	80-143	1		05/25/11 20:25	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/25/11 20:25		
4-Bromofluorobenzene (S)	102	%	72-122	1		05/25/11 20:25	460-00-4	

Sample: SB-3d25 **Lab ID: 257794012** Collected: 05/18/11 10:32 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0026	1		05/26/11 13:16	994-05-8	
Benzene	ND	mg/kg	0.0026	1		05/26/11 13:16	71-43-2	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-3d25 **Lab ID: 257794012** Collected: 05/18/11 10:32 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/26/11 13:16	75-65-0	
Chloroform	ND	mg/kg	0.0026	1		05/26/11 13:16	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0026	1		05/26/11 13:16	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0026	1		05/26/11 13:16	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0051	1		05/26/11 13:16	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0026	1		05/26/11 13:16	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0026	1		05/26/11 13:16	108-20-3	
Ethanol	ND	mg/kg	0.34	1		05/26/11 13:16	64-17-5	
Ethylbenzene	ND	mg/kg	0.0026	1		05/26/11 13:16	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0026	1		05/26/11 13:16	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0026	1		05/26/11 13:16	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0026	1		05/26/11 13:16	127-18-4	
Toluene	ND	mg/kg	0.0026	1		05/26/11 13:16	108-88-3	
Trichloroethene	ND	mg/kg	0.0026	1		05/26/11 13:16	79-01-6	
Vinyl chloride	ND	mg/kg	0.0026	1		05/26/11 13:16	75-01-4	
Xylene (Total)	ND	mg/kg	0.0077	1		05/26/11 13:16	1330-20-7	
Dibromofluoromethane (S)	107	%	80-136	1		05/26/11 13:16	1868-53-7	
Toluene-d8 (S)	97	%	80-120	1		05/26/11 13:16	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		05/26/11 13:16	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	80-143	1		05/26/11 13:16	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.31	1		05/25/11 17:35		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/25/11 17:35	460-00-4	

Sample: SB-4 **Lab ID: 257794013** Collected: 05/18/11 13:50 Received: 05/21/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/01/11 19:05	994-05-8	
Benzene	**0.54**	ug/L	0.50	1		06/01/11 19:05	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/01/11 19:05	75-65-0	
Chloroform	**2.7**	ug/L	1.0	1		06/01/11 19:05	67-66-3	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/01/11 19:05	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/01/11 19:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/01/11 19:05	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/01/11 19:05	156-59-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/01/11 19:05	108-20-3	
Ethanol	ND	ug/L	250	1		06/01/11 19:05	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/01/11 19:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/01/11 19:05	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/01/11 19:05	1634-04-4	
Tetrachloroethene	**11.9**	ug/L	1.0	1		06/01/11 19:05	127-18-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-4 **Lab ID: 257794013** Collected: 05/18/11 13:50 Received: 05/21/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Toluene	ND	ug/L	0.50	1		06/01/11 19:05	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/01/11 19:05	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/01/11 19:05	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		06/01/11 19:05	1330-20-7	
4-Bromofluorobenzene (S)	107	%	80-120	1		06/01/11 19:05	460-00-4	
Dibromofluoromethane (S)	89	%	80-122	1		06/01/11 19:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	82	%	80-124	1		06/01/11 19:05	17060-07-0	
Toluene-d8 (S)	103	%	80-123	1		06/01/11 19:05	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/01/11 19:05		
4-Bromofluorobenzene (S)	107	%	82-116	1		06/01/11 19:05	460-00-4	

Sample: SB-7 **Lab ID: 257794014** Collected: 05/18/11 16:00 Received: 05/21/11 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	**2.0**	ug/L	0.50	1		05/27/11 19:45	994-05-8	
Benzene	**2790**	ug/L	50.0	100		06/01/11 17:04	71-43-2	
tert-Butyl Alcohol	**2950**	ug/L	500	100		06/01/11 17:04	75-65-0	
Chloroform	ND	ug/L	1.0	1		05/27/11 19:45	67-66-3	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		05/27/11 19:45	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		05/27/11 19:45	107-06-2	
1,2-Dichloroethene (Total)	**3.4**	ug/L	2.0	1		05/27/11 19:45	540-59-0	
cis-1,2-Dichloroethene	**3.4**	ug/L	1.0	1		05/27/11 19:45	156-59-2	
Diisopropyl ether	ND	ug/L	0.50	1		05/27/11 19:45	108-20-3	
Ethanol	ND	ug/L	250	1		05/27/11 19:45	64-17-5	
Ethylbenzene	**4080**	ug/L	50.0	100		06/01/11 17:04	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		05/27/11 19:45	637-92-3	
Methyl-tert-butyl ether	**1160**	ug/L	50.0	100		06/01/11 17:04	1634-04-4	
Tetrachloroethene	**6.7**	ug/L	1.0	1		05/27/11 19:45	127-18-4	
Toluene	**15600**	ug/L	50.0	100		06/01/11 17:04	108-88-3	
Trichloroethene	**3.4**	ug/L	1.0	1		05/27/11 19:45	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		05/27/11 19:45	75-01-4	
Xylene (Total)	**21000**	ug/L	150	100		06/01/11 17:04	1330-20-7	
4-Bromofluorobenzene (S)	93	%	80-120	1		05/27/11 19:45	460-00-4	
Dibromofluoromethane (S)	75	%	80-122	1		05/27/11 19:45	1868-53-7	S5
1,2-Dichloroethane-d4 (S)	86	%	80-124	1		05/27/11 19:45	17060-07-0	
Toluene-d8 (S)	92	%	80-123	1		05/27/11 19:45	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**166000**	ug/L	5000	100		06/01/11 17:04		
4-Bromofluorobenzene (S)	103	%	82-116	100		06/01/11 17:04	460-00-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-7d17 **Lab ID: 257794015** Collected: 05/18/11 14:40 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level VOA	Analytical Method: EPA 8260 Preparation Method: EPA 5030							
Benzene	**0.066**	mg/kg	0.021	1	05/27/11 12:38	05/28/11 11:21	71-43-2	
Ethylbenzene	**35.6**	mg/kg	2.1	50	05/27/11 12:38	05/28/11 09:41	100-41-4	
Toluene	ND	mg/kg	0.042	1	05/27/11 12:38	05/28/11 11:21	108-88-3	
Xylene (Total)	**204**	mg/kg	6.4	50	05/27/11 12:38	05/28/11 09:41	1330-20-7	
Dibromofluoromethane (S)	90	%	81-114	1	05/27/11 12:38	05/28/11 11:21	1868-53-7	
Toluene-d8 (S)	115	%	84-121	1	05/27/11 12:38	05/28/11 11:21	2037-26-5	
4-Bromofluorobenzene (S)	101	%	78-127	1	05/27/11 12:38	05/28/11 11:21	460-00-4	
1,2-Dichloroethane-d4 (S)	83	%	76-115	1	05/27/11 12:38	05/28/11 11:21	17060-07-0	
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0027	1		05/25/11 21:34	994-05-8	
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/25/11 21:34	75-65-0	
Chloroform	ND	mg/kg	0.0027	1		05/25/11 21:34	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0027	1		05/25/11 21:34	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0027	1		05/25/11 21:34	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0053	1		05/25/11 21:34	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0027	1		05/25/11 21:34	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0027	1		05/25/11 21:34	108-20-3	
Ethanol	ND	mg/kg	0.35	1		05/25/11 21:34	64-17-5	
Ethyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/25/11 21:34	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/25/11 21:34	1634-04-4	
Tetrachloroethene	**0.0061**	mg/kg	0.0027	1		05/25/11 21:34	127-18-4	
Trichloroethene	ND	mg/kg	0.0027	1		05/25/11 21:34	79-01-6	
Vinyl chloride	ND	mg/kg	0.0027	1		05/25/11 21:34	75-01-4	
Dibromofluoromethane (S)	85	%	80-136	1		05/25/11 21:34	1868-53-7	
Toluene-d8 (S)	212	%	80-120	1		05/25/11 21:34	2037-26-5	S5
4-Bromofluorobenzene (S)	145	%	72-122	1		05/25/11 21:34	460-00-4	S5
1,2-Dichloroethane-d4 (S)	113	%	80-143	1		05/25/11 21:34	17060-07-0	
CA LUFT MSV GRO Medium Soil	Analytical Method: CA LUFT Preparation Method: CA LUFT							
TPH-Gasoline (C05-C12)	**1790**	mg/kg	106	50	05/27/11 12:04	05/28/11 09:41		
4-Bromofluorobenzene (S)	101	%	72-122	50	05/27/11 12:04	05/28/11 09:41	460-00-4	

Sample: SB-7d20 **Lab ID: 257794016** Collected: 05/18/11 14:45 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level VOA	Analytical Method: EPA 8260 Preparation Method: EPA 5030							
tert-Amylmethyl ether	ND	mg/kg	0.080	1	05/27/11 12:38	05/28/11 11:41	994-05-8	
Benzene	**0.80**	mg/kg	0.020	1	05/27/11 12:38	05/28/11 11:41	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.40	1	05/27/11 12:38	05/28/11 11:41	75-65-0	
Chloroform	**0.19**	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	106-93-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-7d20 **Lab ID: 257794016** Collected: 05/18/11 14:45 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level VOA	Analytical Method: EPA 8260 Preparation Method: EPA 5030							
1,2-Dichloroethane	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	107-06-2	
cis-1,2-Dichloroethene	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	156-59-2	
Diisopropyl ether	ND	mg/kg	0.080	1	05/27/11 12:38	05/28/11 11:41	108-20-3	
Ethanol	ND	mg/kg	8.0	1	05/27/11 12:38	05/28/11 11:41	64-17-5	
Ethylbenzene	**127**	mg/kg	2.0	50	05/27/11 12:38	05/28/11 10:01	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.080	1	05/27/11 12:38	05/28/11 11:41	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	127-18-4	
Toluene	**87.2**	mg/kg	2.0	50	05/27/11 12:38	05/28/11 10:01	108-88-3	
Trichloroethene	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	79-01-6	
Vinyl chloride	ND	mg/kg	0.040	1	05/27/11 12:38	05/28/11 11:41	75-01-4	C0,L2
Xylene (Total)	**721**	mg/kg	6.0	50	05/27/11 12:38	05/28/11 10:01	1330-20-7	
Dibromofluoromethane (S)	98	%	81-114	1	05/27/11 12:38	05/28/11 11:41	1868-53-7	
Toluene-d8 (S)	122	%	84-121	1	05/27/11 12:38	05/28/11 11:41	2037-26-5	S5
4-Bromofluorobenzene (S)	112	%	78-127	1	05/27/11 12:38	05/28/11 11:41	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	76-115	1	05/27/11 12:38	05/28/11 11:41	17060-07-0	
CA LUFT MSV GRO Medium Soil	Analytical Method: CA LUFT Preparation Method: CA LUFT							
TPH-Gasoline (C05-C12)	**4900**	mg/kg	100	50	05/27/11 12:04	05/28/11 10:01		
4-Bromofluorobenzene (S)	101	%	72-122	50	05/27/11 12:04	05/28/11 10:01	460-00-4	

Sample: SB-7d25 **Lab ID: 257794017** Collected: 05/18/11 14:47 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0034	1		05/25/11 20:42	994-05-8	
Benzene	ND	mg/kg	0.0034	1		05/25/11 20:42	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.017	1		05/25/11 20:42	75-65-0	
Chloroform	ND	mg/kg	0.0034	1		05/25/11 20:42	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0034	1		05/25/11 20:42	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0034	1		05/25/11 20:42	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0068	1		05/25/11 20:42	540-59-0	
cis-1,2-Dichloroethene	**0.0042**	mg/kg	0.0034	1		05/25/11 20:42	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0034	1		05/25/11 20:42	108-20-3	
Ethanol	ND	mg/kg	0.45	1		05/25/11 20:42	64-17-5	
Ethylbenzene	**0.0081**	mg/kg	0.0034	1		05/25/11 20:42	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0034	1		05/25/11 20:42	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0034	1		05/25/11 20:42	1634-04-4	
Tetrachloroethene	**0.049**	mg/kg	0.0034	1		05/25/11 20:42	127-18-4	
Toluene	**0.015**	mg/kg	0.0034	1		05/25/11 20:42	108-88-3	
Trichloroethene	**0.0048**	mg/kg	0.0034	1		05/25/11 20:42	79-01-6	
Vinyl chloride	ND	mg/kg	0.0034	1		05/25/11 20:42	75-01-4	
Xylene (Total)	**0.048**	mg/kg	0.010	1		05/25/11 20:42	1330-20-7	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-7d25 **Lab ID: 257794017** Collected: 05/18/11 14:47 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Dibromofluoromethane (S)	100	%	80-136	1		05/25/11 20:42	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/25/11 20:42	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122	1		05/25/11 20:42	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	80-143	1		05/25/11 20:42	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**0.43**	mg/kg	0.28	1		05/25/11 20:42		
4-Bromofluorobenzene (S)	104	%	72-122	1		05/25/11 20:42	460-00-4	

Sample: SB-3d30 **Lab ID: 257794018** Collected: 05/18/11 10:42 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0023	1		05/27/11 11:24	994-05-8	
Benzene	ND	mg/kg	0.0023	1		05/27/11 11:24	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 11:24	75-65-0	
Chloroform	ND	mg/kg	0.0023	1		05/27/11 11:24	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0023	1		05/27/11 11:24	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0023	1		05/27/11 11:24	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0047	1		05/27/11 11:24	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1		05/27/11 11:24	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0023	1		05/27/11 11:24	108-20-3	
Ethanol	ND	mg/kg	0.31	1		05/27/11 11:24	64-17-5	
Ethylbenzene	ND	mg/kg	0.0023	1		05/27/11 11:24	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/27/11 11:24	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/27/11 11:24	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0023	1		05/27/11 11:24	127-18-4	
Toluene	ND	mg/kg	0.0023	1		05/27/11 11:24	108-88-3	
Trichloroethene	ND	mg/kg	0.0023	1		05/27/11 11:24	79-01-6	
Vinyl chloride	ND	mg/kg	0.0023	1		05/27/11 11:24	75-01-4	
Xylene (Total)	ND	mg/kg	0.0070	1		05/27/11 11:24	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 11:24	1868-53-7	
Toluene-d8 (S)	94	%	80-120	1		05/27/11 11:24	2037-26-5	
4-Bromofluorobenzene (S)	101	%	72-122	1		05/27/11 11:24	460-00-4	
1,2-Dichloroethane-d4 (S)	124	%	80-143	1		05/27/11 11:24	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/27/11 11:24		
4-Bromofluorobenzene (S)	101	%	72-122	1		05/27/11 11:24	460-00-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-4d10 **Lab ID: 257794019** Collected: 05/18/11 12:35 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0029	1		05/27/11 11:44	994-05-8	
Benzene	ND	mg/kg	0.0029	1		05/27/11 11:44	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.014	1		05/27/11 11:44	75-65-0	
Chloroform	ND	mg/kg	0.0029	1		05/27/11 11:44	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0029	1		05/27/11 11:44	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0029	1		05/27/11 11:44	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0057	1		05/27/11 11:44	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0029	1		05/27/11 11:44	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0029	1		05/27/11 11:44	108-20-3	
Ethanol	ND	mg/kg	0.38	1		05/27/11 11:44	64-17-5	
Ethylbenzene	ND	mg/kg	0.0029	1		05/27/11 11:44	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0029	1		05/27/11 11:44	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0029	1		05/27/11 11:44	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0029	1		05/27/11 11:44	127-18-4	
Toluene	ND	mg/kg	0.0029	1		05/27/11 11:44	108-88-3	
Trichloroethene	ND	mg/kg	0.0029	1		05/27/11 11:44	79-01-6	
Vinyl chloride	ND	mg/kg	0.0029	1		05/27/11 11:44	75-01-4	
Xylene (Total)	ND	mg/kg	0.0086	1		05/27/11 11:44	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 11:44	1868-53-7	
Toluene-d8 (S)	100	%	80-120	1		05/27/11 11:44	2037-26-5	
4-Bromofluorobenzene (S)	111	%	72-122	1		05/27/11 11:44	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	80-143	1		05/27/11 11:44	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.24	1		05/27/11 11:44		
4-Bromofluorobenzene (S)	111	%	72-122	1		05/27/11 11:44	460-00-4	

Sample: SB-4d15 **Lab ID: 257794020** Collected: 05/18/11 12:40 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0027	1		05/27/11 12:04	994-05-8	
Benzene	ND	mg/kg	0.0027	1		05/27/11 12:04	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/27/11 12:04	75-65-0	
Chloroform	ND	mg/kg	0.0027	1		05/27/11 12:04	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0027	1		05/27/11 12:04	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0027	1		05/27/11 12:04	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0054	1		05/27/11 12:04	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0027	1		05/27/11 12:04	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0027	1		05/27/11 12:04	108-20-3	
Ethanol	ND	mg/kg	0.36	1		05/27/11 12:04	64-17-5	
Ethylbenzene	ND	mg/kg	0.0027	1		05/27/11 12:04	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/27/11 12:04	637-92-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-4d15 **Lab ID: 257794020** Collected: 05/18/11 12:40 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/27/11 12:04	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0027	1		05/27/11 12:04	127-18-4	
Toluene	ND	mg/kg	0.0027	1		05/27/11 12:04	108-88-3	
Trichloroethene	ND	mg/kg	0.0027	1		05/27/11 12:04	79-01-6	
Vinyl chloride	ND	mg/kg	0.0027	1		05/27/11 12:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.0081	1		05/27/11 12:04	1330-20-7	
Dibromofluoromethane (S)	103	%	80-136	1		05/27/11 12:04	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/27/11 12:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%	72-122	1		05/27/11 12:04	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	80-143	1		05/27/11 12:04	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.22	1		05/27/11 12:04		
4-Bromofluorobenzene (S)	99	%	72-122	1		05/27/11 12:04	460-00-4	

Sample: SB-4d17 **Lab ID: 257794021** Collected: 05/18/11 12:42 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0041	1		05/27/11 12:24	994-05-8	
Benzene	ND	mg/kg	0.0041	1		05/27/11 12:24	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.020	1		05/27/11 12:24	75-65-0	
Chloroform	ND	mg/kg	0.0041	1		05/27/11 12:24	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0041	1		05/27/11 12:24	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0041	1		05/27/11 12:24	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0082	1		05/27/11 12:24	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0041	1		05/27/11 12:24	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0041	1		05/27/11 12:24	108-20-3	
Ethanol	ND	mg/kg	0.54	1		05/27/11 12:24	64-17-5	
Ethylbenzene	ND	mg/kg	0.0041	1		05/27/11 12:24	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0041	1		05/27/11 12:24	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0041	1		05/27/11 12:24	1634-04-4	
Tetrachloroethene	**0.0050**	mg/kg	0.0041	1		05/27/11 12:24	127-18-4	
Toluene	ND	mg/kg	0.0041	1		05/27/11 12:24	108-88-3	
Trichloroethene	ND	mg/kg	0.0041	1		05/27/11 12:24	79-01-6	
Vinyl chloride	ND	mg/kg	0.0041	1		05/27/11 12:24	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		05/27/11 12:24	1330-20-7	
Dibromofluoromethane (S)	111	%	80-136	1		05/27/11 12:24	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/27/11 12:24	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/27/11 12:24	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	80-143	1		05/27/11 12:24	17060-07-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-4d17 **Lab ID: 257794021** Collected: 05/18/11 12:42 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.34	1		05/27/11 12:24		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/27/11 12:24	460-00-4	

Sample: SB-4d20 **Lab ID: 257794022** Collected: 05/18/11 12:45 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0031	1		05/27/11 12:44	994-05-8	
Benzene	ND	mg/kg	0.0031	1		05/27/11 12:44	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.015	1		05/27/11 12:44	75-65-0	
Chloroform	ND	mg/kg	0.0031	1		05/27/11 12:44	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0031	1		05/27/11 12:44	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0031	1		05/27/11 12:44	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0061	1		05/27/11 12:44	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0031	1		05/27/11 12:44	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0031	1		05/27/11 12:44	108-20-3	
Ethanol	ND	mg/kg	0.41	1		05/27/11 12:44	64-17-5	
Ethylbenzene	ND	mg/kg	0.0031	1		05/27/11 12:44	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0031	1		05/27/11 12:44	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0031	1		05/27/11 12:44	1634-04-4	
Tetrachloroethene	**0.0041**	mg/kg	0.0031	1		05/27/11 12:44	127-18-4	
Toluene	ND	mg/kg	0.0031	1		05/27/11 12:44	108-88-3	
Trichloroethene	ND	mg/kg	0.0031	1		05/27/11 12:44	79-01-6	
Vinyl chloride	ND	mg/kg	0.0031	1		05/27/11 12:44	75-01-4	
Xylene (Total)	ND	mg/kg	0.0092	1		05/27/11 12:44	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 12:44	1868-53-7	
Toluene-d8 (S)	97	%	80-120	1		05/27/11 12:44	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/27/11 12:44	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	80-143	1		05/27/11 12:44	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.25	1		05/27/11 12:44		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/27/11 12:44	460-00-4	

Sample: SB-4d24 **Lab ID: 257794023** Collected: 05/18/11 13:12 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		05/27/11 13:03	994-05-8	
Benzene	ND	mg/kg	0.0024	1		05/27/11 13:03	71-43-2	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-4d24 **Lab ID: 257794023** Collected: 05/18/11 13:12 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 13:03	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		05/27/11 13:03	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		05/27/11 13:03	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		05/27/11 13:03	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0049	1		05/27/11 13:03	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		05/27/11 13:03	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		05/27/11 13:03	108-20-3	
Ethanol	ND	mg/kg	0.33	1		05/27/11 13:03	64-17-5	
Ethylbenzene	ND	mg/kg	0.0024	1		05/27/11 13:03	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/27/11 13:03	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/27/11 13:03	1634-04-4	
Tetrachloroethene	**0.0060**	mg/kg	0.0024	1		05/27/11 13:03	127-18-4	
Toluene	ND	mg/kg	0.0024	1		05/27/11 13:03	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		05/27/11 13:03	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		05/27/11 13:03	75-01-4	
Xylene (Total)	ND	mg/kg	0.0073	1		05/27/11 13:03	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 13:03	1868-53-7	
Toluene-d8 (S)	102	%	80-120	1		05/27/11 13:03	2037-26-5	
4-Bromofluorobenzene (S)	105	%	72-122	1		05/27/11 13:03	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	80-143	1		05/27/11 13:03	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/27/11 13:03		
4-Bromofluorobenzene (S)	105	%	72-122	1		05/27/11 13:03	460-00-4	

Sample: SB-4d30 **Lab ID: 257794024** Collected: 05/18/11 13:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0021	1		05/27/11 13:23	994-05-8	
Benzene	ND	mg/kg	0.0021	1		05/27/11 13:23	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.010	1		05/27/11 13:23	75-65-0	
Chloroform	ND	mg/kg	0.0021	1		05/27/11 13:23	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0021	1		05/27/11 13:23	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0021	1		05/27/11 13:23	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0042	1		05/27/11 13:23	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0021	1		05/27/11 13:23	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0021	1		05/27/11 13:23	108-20-3	
Ethanol	ND	mg/kg	0.28	1		05/27/11 13:23	64-17-5	
Ethylbenzene	ND	mg/kg	0.0021	1		05/27/11 13:23	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0021	1		05/27/11 13:23	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0021	1		05/27/11 13:23	1634-04-4	
Tetrachloroethene	**0.0030**	mg/kg	0.0021	1		05/27/11 13:23	127-18-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-4d30 **Lab ID: 257794024** Collected: 05/18/11 13:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0021	1		05/27/11 13:23	108-88-3	
Trichloroethene	ND	mg/kg	0.0021	1		05/27/11 13:23	79-01-6	
Vinyl chloride	ND	mg/kg	0.0021	1		05/27/11 13:23	75-01-4	
Xylene (Total)	ND	mg/kg	0.0063	1		05/27/11 13:23	1330-20-7	
Dibromofluoromethane (S)	113	%	80-136	1		05/27/11 13:23	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/27/11 13:23	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		05/27/11 13:23	460-00-4	
1,2-Dichloroethane-d4 (S)	130	%	80-143	1		05/27/11 13:23	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.17	1		05/27/11 13:23		
4-Bromofluorobenzene (S)	102	%	72-122	1		05/27/11 13:23	460-00-4	

Sample: SB-5d5 **Lab ID: 257794025** Collected: 05/19/11 07:18 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0042	1		05/27/11 13:43	994-05-8	
Benzene	ND	mg/kg	0.0042	1		05/27/11 13:43	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.021	1		05/27/11 13:43	75-65-0	
Chloroform	ND	mg/kg	0.0042	1		05/27/11 13:43	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		05/27/11 13:43	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		05/27/11 13:43	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0085	1		05/27/11 13:43	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		05/27/11 13:43	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0042	1		05/27/11 13:43	108-20-3	
Ethanol	ND	mg/kg	0.57	1		05/27/11 13:43	64-17-5	
Ethylbenzene	ND	mg/kg	0.0042	1		05/27/11 13:43	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0042	1		05/27/11 13:43	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		05/27/11 13:43	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0042	1		05/27/11 13:43	127-18-4	
Toluene	ND	mg/kg	0.0042	1		05/27/11 13:43	108-88-3	
Trichloroethene	ND	mg/kg	0.0042	1		05/27/11 13:43	79-01-6	
Vinyl chloride	ND	mg/kg	0.0042	1		05/27/11 13:43	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		05/27/11 13:43	1330-20-7	
Dibromofluoromethane (S)	110	%	80-136	1		05/27/11 13:43	1868-53-7	
Toluene-d8 (S)	101	%	80-120	1		05/27/11 13:43	2037-26-5	
4-Bromofluorobenzene (S)	111	%	72-122	1		05/27/11 13:43	460-00-4	
1,2-Dichloroethane-d4 (S)	125	%	80-143	1		05/27/11 13:43	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.35	1		05/27/11 13:43		

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-5d5 **Lab ID: 257794025** Collected: 05/19/11 07:18 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
4-Bromofluorobenzene (S)	111	%	72-122	1		05/27/11 13:43	460-00-4	

Sample: SB-5d10 **Lab ID: 257794026** Collected: 05/19/11 07:50 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0034	1		05/27/11 14:03	994-05-8	
Benzene	ND	mg/kg	0.0034	1		05/27/11 14:03	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.017	1		05/27/11 14:03	75-65-0	
Chloroform	ND	mg/kg	0.0034	1		05/27/11 14:03	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0034	1		05/27/11 14:03	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0034	1		05/27/11 14:03	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0068	1		05/27/11 14:03	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0034	1		05/27/11 14:03	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0034	1		05/27/11 14:03	108-20-3	
Ethanol	ND	mg/kg	0.45	1		05/27/11 14:03	64-17-5	
Ethylbenzene	ND	mg/kg	0.0034	1		05/27/11 14:03	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0034	1		05/27/11 14:03	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0034	1		05/27/11 14:03	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0034	1		05/27/11 14:03	127-18-4	
Toluene	ND	mg/kg	0.0034	1		05/27/11 14:03	108-88-3	
Trichloroethene	ND	mg/kg	0.0034	1		05/27/11 14:03	79-01-6	
Vinyl chloride	ND	mg/kg	0.0034	1		05/27/11 14:03	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		05/27/11 14:03	1330-20-7	
Dibromofluoromethane (S)	109	%	80-136	1		05/27/11 14:03	1868-53-7	
Toluene-d8 (S)	100	%	80-120	1		05/27/11 14:03	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122	1		05/27/11 14:03	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	80-143	1		05/27/11 14:03	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.28	1		05/27/11 14:03		
4-Bromofluorobenzene (S)	104	%	72-122	1		05/27/11 14:03	460-00-4	

Sample: SB-5d15 **Lab ID: 257794027** Collected: 05/19/11 07:55 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0036	1		05/27/11 14:23	994-05-8	
Benzene	ND	mg/kg	0.0036	1		05/27/11 14:23	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.018	1		05/27/11 14:23	75-65-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-5d15 **Lab ID: 257794027** Collected: 05/19/11 07:55 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Chloroform	ND	mg/kg	0.0036	1		05/27/11 14:23	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0036	1		05/27/11 14:23	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0036	1		05/27/11 14:23	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0071	1		05/27/11 14:23	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0036	1		05/27/11 14:23	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0036	1		05/27/11 14:23	108-20-3	
Ethanol	ND	mg/kg	0.48	1		05/27/11 14:23	64-17-5	
Ethylbenzene	ND	mg/kg	0.0036	1		05/27/11 14:23	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0036	1		05/27/11 14:23	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0036	1		05/27/11 14:23	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0036	1		05/27/11 14:23	127-18-4	
Toluene	ND	mg/kg	0.0036	1		05/27/11 14:23	108-88-3	
Trichloroethene	ND	mg/kg	0.0036	1		05/27/11 14:23	79-01-6	
Vinyl chloride	ND	mg/kg	0.0036	1		05/27/11 14:23	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		05/27/11 14:23	1330-20-7	
Dibromofluoromethane (S)	106	%	80-136	1		05/27/11 14:23	1868-53-7	
Toluene-d8 (S)	103	%	80-120	1		05/27/11 14:23	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122	1		05/27/11 14:23	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	80-143	1		05/27/11 14:23	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.30	1		05/27/11 14:23		
4-Bromofluorobenzene (S)	104	%	72-122	1		05/27/11 14:23	460-00-4	

Sample: SB-5d17 **Lab ID: 257794028** Collected: 05/19/11 08:05 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0033	1		05/27/11 14:42	994-05-8	
Benzene	ND	mg/kg	0.0033	1		05/27/11 14:42	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.017	1		05/27/11 14:42	75-65-0	
Chloroform	ND	mg/kg	0.0033	1		05/27/11 14:42	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0033	1		05/27/11 14:42	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0033	1		05/27/11 14:42	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0067	1		05/27/11 14:42	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0033	1		05/27/11 14:42	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0033	1		05/27/11 14:42	108-20-3	
Ethanol	ND	mg/kg	0.44	1		05/27/11 14:42	64-17-5	
Ethylbenzene	ND	mg/kg	0.0033	1		05/27/11 14:42	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0033	1		05/27/11 14:42	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0033	1		05/27/11 14:42	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0033	1		05/27/11 14:42	127-18-4	
Toluene	ND	mg/kg	0.0033	1		05/27/11 14:42	108-88-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-5d17 **Lab ID: 257794028** Collected: 05/19/11 08:05 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Trichloroethene	ND	mg/kg	0.0033	1		05/27/11 14:42	79-01-6	
Vinyl chloride	ND	mg/kg	0.0033	1		05/27/11 14:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		05/27/11 14:42	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 14:42	1868-53-7	
Toluene-d8 (S)	103	%	80-120	1		05/27/11 14:42	2037-26-5	
4-Bromofluorobenzene (S)	111	%	72-122	1		05/27/11 14:42	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	80-143	1		05/27/11 14:42	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.28	1		05/27/11 14:42		
4-Bromofluorobenzene (S)	111	%	72-122	1		05/27/11 14:42	460-00-4	

Sample: SB-5d20 **Lab ID: 257794029** Collected: 05/19/11 08:06 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0026	1		05/27/11 15:02	994-05-8	
Benzene	ND	mg/kg	0.0026	1		05/27/11 15:02	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/27/11 15:02	75-65-0	
Chloroform	ND	mg/kg	0.0026	1		05/27/11 15:02	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0026	1		05/27/11 15:02	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0026	1		05/27/11 15:02	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0053	1		05/27/11 15:02	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0026	1		05/27/11 15:02	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0026	1		05/27/11 15:02	108-20-3	
Ethanol	ND	mg/kg	0.35	1		05/27/11 15:02	64-17-5	
Ethylbenzene	ND	mg/kg	0.0026	1		05/27/11 15:02	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0026	1		05/27/11 15:02	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0026	1		05/27/11 15:02	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0026	1		05/27/11 15:02	127-18-4	
Toluene	ND	mg/kg	0.0026	1		05/27/11 15:02	108-88-3	
Trichloroethene	ND	mg/kg	0.0026	1		05/27/11 15:02	79-01-6	
Vinyl chloride	ND	mg/kg	0.0026	1		05/27/11 15:02	75-01-4	
Xylene (Total)	ND	mg/kg	0.0079	1		05/27/11 15:02	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 15:02	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/27/11 15:02	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122	1		05/27/11 15:02	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	80-143	1		05/27/11 15:02	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.22	1		05/27/11 15:02		
4-Bromofluorobenzene (S)	104	%	72-122	1		05/27/11 15:02	460-00-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-5d25 **Lab ID: 257794030** Collected: 05/19/11 08:11 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0025	1		05/27/11 15:22	994-05-8	
Benzene	ND	mg/kg	0.0025	1		05/27/11 15:22	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 15:22	75-65-0	
Chloroform	ND	mg/kg	0.0025	1		05/27/11 15:22	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0025	1		05/27/11 15:22	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0025	1		05/27/11 15:22	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0049	1		05/27/11 15:22	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	1		05/27/11 15:22	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0025	1		05/27/11 15:22	108-20-3	
Ethanol	ND	mg/kg	0.33	1		05/27/11 15:22	64-17-5	
Ethylbenzene	ND	mg/kg	0.0025	1		05/27/11 15:22	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/27/11 15:22	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/27/11 15:22	1634-04-4	
Tetrachloroethene	**0.0037**	mg/kg	0.0025	1		05/27/11 15:22	127-18-4	
Toluene	ND	mg/kg	0.0025	1		05/27/11 15:22	108-88-3	
Trichloroethene	ND	mg/kg	0.0025	1		05/27/11 15:22	79-01-6	
Vinyl chloride	ND	mg/kg	0.0025	1		05/27/11 15:22	75-01-4	
Xylene (Total)	ND	mg/kg	0.0074	1		05/27/11 15:22	1330-20-7	
Dibromofluoromethane (S)	111	%	80-136	1		05/27/11 15:22	1868-53-7	
Toluene-d8 (S)	94	%	80-120	1		05/27/11 15:22	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122	1		05/27/11 15:22	460-00-4	
1,2-Dichloroethane-d4 (S)	128	%	80-143	1		05/27/11 15:22	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/27/11 15:22		
4-Bromofluorobenzene (S)	100	%	72-122	1		05/27/11 15:22	460-00-4	

Sample: SB-5d30 **Lab ID: 257794031** Collected: 05/19/11 08:17 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		05/27/11 15:42	994-05-8	
Benzene	ND	mg/kg	0.0024	1		05/27/11 15:42	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 15:42	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		05/27/11 15:42	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		05/27/11 15:42	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		05/27/11 15:42	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0048	1		05/27/11 15:42	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		05/27/11 15:42	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		05/27/11 15:42	108-20-3	
Ethanol	ND	mg/kg	0.32	1		05/27/11 15:42	64-17-5	
Ethylbenzene	ND	mg/kg	0.0024	1		05/27/11 15:42	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/27/11 15:42	637-92-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-5d30 **Lab ID: 257794031** Collected: 05/19/11 08:17 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/27/11 15:42	1634-04-4	
Tetrachloroethene	**0.0093**	mg/kg	0.0024	1		05/27/11 15:42	127-18-4	
Toluene	ND	mg/kg	0.0024	1		05/27/11 15:42	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		05/27/11 15:42	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		05/27/11 15:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.0072	1		05/27/11 15:42	1330-20-7	
Dibromofluoromethane (S)	110	%	80-136	1		05/27/11 15:42	1868-53-7	
Toluene-d8 (S)	100	%	80-120	1		05/27/11 15:42	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122	1		05/27/11 15:42	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	80-143	1		05/27/11 15:42	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/27/11 15:42		
4-Bromofluorobenzene (S)	100	%	72-122	1		05/27/11 15:42	460-00-4	

Sample: SB-5d35 **Lab ID: 257794032** Collected: 05/19/11 09:10 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0025	1		05/27/11 16:02	994-05-8	
Benzene	ND	mg/kg	0.0025	1		05/27/11 16:02	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 16:02	75-65-0	
Chloroform	ND	mg/kg	0.0025	1		05/27/11 16:02	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0025	1		05/27/11 16:02	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0025	1		05/27/11 16:02	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0050	1		05/27/11 16:02	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	1		05/27/11 16:02	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0025	1		05/27/11 16:02	108-20-3	
Ethanol	ND	mg/kg	0.33	1		05/27/11 16:02	64-17-5	
Ethylbenzene	ND	mg/kg	0.0025	1		05/27/11 16:02	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/27/11 16:02	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/27/11 16:02	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0025	1		05/27/11 16:02	127-18-4	
Toluene	ND	mg/kg	0.0025	1		05/27/11 16:02	108-88-3	
Trichloroethene	ND	mg/kg	0.0025	1		05/27/11 16:02	79-01-6	
Vinyl chloride	ND	mg/kg	0.0025	1		05/27/11 16:02	75-01-4	
Xylene (Total)	ND	mg/kg	0.0075	1		05/27/11 16:02	1330-20-7	
Dibromofluoromethane (S)	115	%	80-136	1		05/27/11 16:02	1868-53-7	
Toluene-d8 (S)	100	%	80-120	1		05/27/11 16:02	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		05/27/11 16:02	460-00-4	
1,2-Dichloroethane-d4 (S)	138	%	80-143	1		05/27/11 16:02	17060-07-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-5d35 **Lab ID: 257794032** Collected: 05/19/11 09:10 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.21	1		05/27/11 16:02		
4-Bromofluorobenzene (S)	102	%	72-122	1		05/27/11 16:02	460-00-4	

Sample: SB-5d40 **Lab ID: 257794033** Collected: 05/19/11 09:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0032	1		05/27/11 16:22	994-05-8	
Benzene	ND	mg/kg	0.0032	1		05/27/11 16:22	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.016	1		05/27/11 16:22	75-65-0	
Chloroform	ND	mg/kg	0.0032	1		05/27/11 16:22	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0032	1		05/27/11 16:22	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0032	1		05/27/11 16:22	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0064	1		05/27/11 16:22	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0032	1		05/27/11 16:22	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0032	1		05/27/11 16:22	108-20-3	
Ethanol	ND	mg/kg	0.42	1		05/27/11 16:22	64-17-5	
Ethylbenzene	ND	mg/kg	0.0032	1		05/27/11 16:22	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0032	1		05/27/11 16:22	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0032	1		05/27/11 16:22	1634-04-4	
Tetrachloroethene	**0.0037**	mg/kg	0.0032	1		05/27/11 16:22	127-18-4	
Toluene	ND	mg/kg	0.0032	1		05/27/11 16:22	108-88-3	
Trichloroethene	ND	mg/kg	0.0032	1		05/27/11 16:22	79-01-6	
Vinyl chloride	ND	mg/kg	0.0032	1		05/27/11 16:22	75-01-4	
Xylene (Total)	ND	mg/kg	0.0095	1		05/27/11 16:22	1330-20-7	
Dibromofluoromethane (S)	109	%	80-136	1		05/27/11 16:22	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/27/11 16:22	2037-26-5	
4-Bromofluorobenzene (S)	106	%	72-122	1		05/27/11 16:22	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%	80-143	1		05/27/11 16:22	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.26	1		05/27/11 16:22		
4-Bromofluorobenzene (S)	106	%	72-122	1		05/27/11 16:22	460-00-4	

Sample: MW-17Bd5 **Lab ID: 257794034** Collected: 05/19/11 10:05 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0023	1		05/27/11 16:42	994-05-8	
Benzene	ND	mg/kg	0.0023	1		05/27/11 16:42	71-43-2	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: MW-17Bd5 **Lab ID: 257794034** Collected: 05/19/11 10:05 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Butyl Alcohol	ND	mg/kg	0.011	1		05/27/11 16:42	75-65-0	
Chloroform	ND	mg/kg	0.0023	1		05/27/11 16:42	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0023	1		05/27/11 16:42	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0023	1		05/27/11 16:42	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0046	1		05/27/11 16:42	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1		05/27/11 16:42	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0023	1		05/27/11 16:42	108-20-3	
Ethanol	ND	mg/kg	0.30	1		05/27/11 16:42	64-17-5	
Ethylbenzene	ND	mg/kg	0.0023	1		05/27/11 16:42	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/27/11 16:42	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/27/11 16:42	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0023	1		05/27/11 16:42	127-18-4	
Toluene	ND	mg/kg	0.0023	1		05/27/11 16:42	108-88-3	
Trichloroethene	ND	mg/kg	0.0023	1		05/27/11 16:42	79-01-6	
Vinyl chloride	ND	mg/kg	0.0023	1		05/27/11 16:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.0068	1		05/27/11 16:42	1330-20-7	
Dibromofluoromethane (S)	110	%	80-136	1		05/27/11 16:42	1868-53-7	
Toluene-d8 (S)	106	%	80-120	1		05/27/11 16:42	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122	1		05/27/11 16:42	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	80-143	1		05/27/11 16:42	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.19	1		05/27/11 16:42		
4-Bromofluorobenzene (S)	100	%	72-122	1		05/27/11 16:42	460-00-4	

Sample: MW-17Bd10 **Lab ID: 257794035** Collected: 05/19/11 10:08 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0023	1		05/27/11 17:01	994-05-8	
Benzene	ND	mg/kg	0.0023	1		05/27/11 17:01	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 17:01	75-65-0	
Chloroform	ND	mg/kg	0.0023	1		05/27/11 17:01	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0023	1		05/27/11 17:01	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0023	1		05/27/11 17:01	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0047	1		05/27/11 17:01	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1		05/27/11 17:01	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0023	1		05/27/11 17:01	108-20-3	
Ethanol	ND	mg/kg	0.31	1		05/27/11 17:01	64-17-5	
Ethylbenzene	ND	mg/kg	0.0023	1		05/27/11 17:01	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/27/11 17:01	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/27/11 17:01	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0023	1		05/27/11 17:01	127-18-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: MW-17Bd10 **Lab ID: 257794035** Collected: 05/19/11 10:08 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0023	1		05/27/11 17:01	108-88-3	
Trichloroethene	ND	mg/kg	0.0023	1		05/27/11 17:01	79-01-6	
Vinyl chloride	ND	mg/kg	0.0023	1		05/27/11 17:01	75-01-4	
Xylene (Total)	ND	mg/kg	0.0070	1		05/27/11 17:01	1330-20-7	
Dibromofluoromethane (S)	109	%	80-136	1		05/27/11 17:01	1868-53-7	
Toluene-d8 (S)	100	%	80-120	1		05/27/11 17:01	2037-26-5	
4-Bromofluorobenzene (S)	101	%	72-122	1		05/27/11 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	80-143	1		05/27/11 17:01	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/27/11 17:01		
4-Bromofluorobenzene (S)	101	%	72-122	1		05/27/11 17:01	460-00-4	

Sample: MW-17Bd15 **Lab ID: 257794036** Collected: 05/19/11 10:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		05/31/11 13:46	994-05-8	
Benzene	ND	mg/kg	0.0024	1		05/31/11 13:46	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/31/11 13:46	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		05/31/11 13:46	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		05/31/11 13:46	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		05/31/11 13:46	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0048	1		05/31/11 13:46	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		05/31/11 13:46	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		05/31/11 13:46	108-20-3	
Ethanol	ND	mg/kg	0.32	1		05/31/11 13:46	64-17-5	
Ethylbenzene	ND	mg/kg	0.0024	1		05/31/11 13:46	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/31/11 13:46	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/31/11 13:46	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0024	1		05/31/11 13:46	127-18-4	
Toluene	ND	mg/kg	0.0024	1		05/31/11 13:46	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		05/31/11 13:46	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		05/31/11 13:46	75-01-4	
Xylene (Total)	ND	mg/kg	0.0072	1		05/31/11 13:46	1330-20-7	
Dibromofluoromethane (S)	115	%	80-136	1		05/31/11 13:46	1868-53-7	
Toluene-d8 (S)	97	%	80-120	1		05/31/11 13:46	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122	1		05/31/11 13:46	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	80-143	1		05/31/11 13:46	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.21	1		06/01/11 16:35		

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: MW-17Bd15 **Lab ID: 257794036** Collected: 05/19/11 10:15 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
4-Bromofluorobenzene (S)	101	%	72-122	1		06/01/11 16:35	460-00-4	

Sample: MW-17Bd17 **Lab ID: 257794037** Collected: 05/19/11 10:16 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		05/27/11 11:04	994-05-8	M1
Benzene	ND	mg/kg	0.0024	1		05/27/11 11:04	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/27/11 11:04	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		05/27/11 11:04	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		05/27/11 11:04	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		05/27/11 11:04	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0048	1		05/27/11 11:04	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		05/27/11 11:04	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		05/27/11 11:04	108-20-3	
Ethanol	ND	mg/kg	0.32	1		05/27/11 11:04	64-17-5	
Ethylbenzene	ND	mg/kg	0.0024	1		05/27/11 11:04	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/27/11 11:04	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		05/27/11 11:04	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0024	1		05/27/11 11:04	127-18-4	
Toluene	ND	mg/kg	0.0024	1		05/27/11 11:04	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		05/27/11 11:04	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		05/27/11 11:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.0073	1		05/27/11 11:04	1330-20-7	
Dibromofluoromethane (S)	108	%	80-136	1		05/27/11 11:04	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/27/11 11:04	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/27/11 11:04	460-00-4	
1,2-Dichloroethane-d4 (S)	125	%	80-143	1		05/27/11 11:04	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.20	1		05/27/11 11:04		
4-Bromofluorobenzene (S)	103	%	72-122	1		05/27/11 11:04	460-00-4	

Sample: MW-17Bd20 **Lab ID: 257794038** Collected: 05/19/11 10:18 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0023	1		05/31/11 14:26	994-05-8	
Benzene	ND	mg/kg	0.0023	1		05/31/11 14:26	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.011	1		05/31/11 14:26	75-65-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: MW-17Bd20 **Lab ID: 257794038** Collected: 05/19/11 10:18 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Chloroform	ND	mg/kg	0.0023	1		05/31/11 14:26	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0023	1		05/31/11 14:26	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0023	1		05/31/11 14:26	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0045	1		05/31/11 14:26	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1		05/31/11 14:26	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0023	1		05/31/11 14:26	108-20-3	
Ethanol	ND	mg/kg	0.30	1		05/31/11 14:26	64-17-5	
Ethylbenzene	ND	mg/kg	0.0023	1		05/31/11 14:26	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/31/11 14:26	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0023	1		05/31/11 14:26	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0023	1		05/31/11 14:26	127-18-4	
Toluene	ND	mg/kg	0.0023	1		05/31/11 14:26	108-88-3	
Trichloroethene	ND	mg/kg	0.0023	1		05/31/11 14:26	79-01-6	
Vinyl chloride	ND	mg/kg	0.0023	1		05/31/11 14:26	75-01-4	
Xylene (Total)	ND	mg/kg	0.0068	1		05/31/11 14:26	1330-20-7	
Dibromofluoromethane (S)	112	%	80-136	1		05/31/11 14:26	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/31/11 14:26	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/31/11 14:26	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%	80-143	1		05/31/11 14:26	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.21	1		06/01/11 16:55		
4-Bromofluorobenzene (S)	99	%	72-122	1		06/01/11 16:55	460-00-4	

Sample: MW-17Bd25 **Lab ID: 257794039** Collected: 05/19/11 10:30 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0032	1		05/31/11 14:46	994-05-8	
Benzene	ND	mg/kg	0.0032	1		05/31/11 14:46	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.016	1		05/31/11 14:46	75-65-0	
Chloroform	ND	mg/kg	0.0032	1		05/31/11 14:46	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0032	1		05/31/11 14:46	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0032	1		05/31/11 14:46	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0064	1		05/31/11 14:46	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0032	1		05/31/11 14:46	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0032	1		05/31/11 14:46	108-20-3	
Ethanol	ND	mg/kg	0.43	1		05/31/11 14:46	64-17-5	
Ethylbenzene	ND	mg/kg	0.0032	1		05/31/11 14:46	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0032	1		05/31/11 14:46	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0032	1		05/31/11 14:46	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0032	1		05/31/11 14:46	127-18-4	
Toluene	ND	mg/kg	0.0032	1		05/31/11 14:46	108-88-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: MW-17Bd25 **Lab ID: 257794039** Collected: 05/19/11 10:30 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Trichloroethene	ND	mg/kg	0.0032	1		05/31/11 14:46	79-01-6	
Vinyl chloride	ND	mg/kg	0.0032	1		05/31/11 14:46	75-01-4	
Xylene (Total)	ND	mg/kg	0.0097	1		05/31/11 14:46	1330-20-7	
Dibromofluoromethane (S)	111	%	80-136	1		05/31/11 14:46	1868-53-7	
Toluene-d8 (S)	96	%	80-120	1		05/31/11 14:46	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-122	1		05/31/11 14:46	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	80-143	1		05/31/11 14:46	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.33	1		06/01/11 17:15		
4-Bromofluorobenzene (S)	111	%	72-122	1		06/01/11 17:15	460-00-4	

Sample: MW-17Bd30 **Lab ID: 257794040** Collected: 05/19/11 10:42 Received: 05/21/11 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0027	1		05/31/11 15:05	994-05-8	
Benzene	ND	mg/kg	0.0027	1		05/31/11 15:05	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.013	1		05/31/11 15:05	75-65-0	
Chloroform	ND	mg/kg	0.0027	1		05/31/11 15:05	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0027	1		05/31/11 15:05	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0027	1		05/31/11 15:05	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0053	1		05/31/11 15:05	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0027	1		05/31/11 15:05	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0027	1		05/31/11 15:05	108-20-3	
Ethanol	ND	mg/kg	0.35	1		05/31/11 15:05	64-17-5	
Ethylbenzene	ND	mg/kg	0.0027	1		05/31/11 15:05	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/31/11 15:05	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0027	1		05/31/11 15:05	1634-04-4	
Tetrachloroethene	**0.026**	mg/kg	0.0027	1		05/31/11 15:05	127-18-4	
Toluene	ND	mg/kg	0.0027	1		05/31/11 15:05	108-88-3	
Trichloroethene	ND	mg/kg	0.0027	1		05/31/11 15:05	79-01-6	
Vinyl chloride	ND	mg/kg	0.0027	1		05/31/11 15:05	75-01-4	
Xylene (Total)	ND	mg/kg	0.0080	1		05/31/11 15:05	1330-20-7	
Dibromofluoromethane (S)	112	%	80-136	1		05/31/11 15:05	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/31/11 15:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122	1		05/31/11 15:05	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	80-143	1		05/31/11 15:05	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.22	1		06/01/11 17:35		
4-Bromofluorobenzene (S)	104	%	72-122	1		06/01/11 17:35	460-00-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-7d10 **Lab ID: 257794041** Collected: 05/17/11 13:15 Received: 05/24/11 09:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0036	1		05/25/11 17:52	994-05-8	
Benzene	ND	mg/kg	0.0036	1		05/25/11 17:52	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.018	1		05/25/11 17:52	75-65-0	
Chloroform	ND	mg/kg	0.0036	1		05/25/11 17:52	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0036	1		05/25/11 17:52	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0036	1		05/25/11 17:52	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0072	1		05/25/11 17:52	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0036	1		05/25/11 17:52	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0036	1		05/25/11 17:52	108-20-3	
Ethanol	ND	mg/kg	0.48	1		05/25/11 17:52	64-17-5	
Ethylbenzene	ND	mg/kg	0.0036	1		05/25/11 17:52	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0036	1		05/25/11 17:52	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0036	1		05/25/11 17:52	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0036	1		05/25/11 17:52	127-18-4	
Toluene	ND	mg/kg	0.0036	1		05/25/11 17:52	108-88-3	
Trichloroethene	ND	mg/kg	0.0036	1		05/25/11 17:52	79-01-6	
Vinyl chloride	ND	mg/kg	0.0036	1		05/25/11 17:52	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		05/25/11 17:52	1330-20-7	
Dibromofluoromethane (S)	102	%	80-136	1		05/25/11 17:52	1868-53-7	
Toluene-d8 (S)	98	%	80-120	1		05/25/11 17:52	2037-26-5	
4-Bromofluorobenzene (S)	104	%	72-122	1		05/25/11 17:52	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	80-143	1		05/25/11 17:52	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.30	1		05/25/11 17:52		
4-Bromofluorobenzene (S)	104	%	72-122	1		05/25/11 17:52	460-00-4	

Sample: SB-7d15 **Lab ID: 257794042** Collected: 05/17/11 13:17 Received: 05/24/11 09:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level VOA	Analytical Method: EPA 8260 Preparation Method: EPA 5030							
Benzene	**0.039**	mg/kg	0.018	1	05/27/11 12:38	05/28/11 11:01	71-43-2	
Ethylbenzene	**21.4**	mg/kg	0.37	10	05/27/11 12:38	05/28/11 09:21	100-41-4	
Toluene	**0.081**	mg/kg	0.037	1	05/27/11 12:38	05/28/11 11:01	108-88-3	
Xylene (Total)	**116**	mg/kg	1.1	10	05/27/11 12:38	05/28/11 09:21	1330-20-7	
Dibromofluoromethane (S)	90	%	81-114	1	05/27/11 12:38	05/28/11 11:01	1868-53-7	
Toluene-d8 (S)	112	%	84-121	1	05/27/11 12:38	05/28/11 11:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%	78-127	1	05/27/11 12:38	05/28/11 11:01	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	76-115	1	05/27/11 12:38	05/28/11 11:01	17060-07-0	
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0025	1		05/25/11 22:08	994-05-8	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 257794

Sample: SB-7d15 **Lab ID: 257794042** Collected: 05/17/11 13:17 Received: 05/24/11 09:05 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Butyl Alcohol	ND	mg/kg	0.012	1		05/25/11 22:08	75-65-0	
Chloroform	ND	mg/kg	0.0025	1		05/25/11 22:08	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0025	1		05/25/11 22:08	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0025	1		05/25/11 22:08	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0049	1		05/25/11 22:08	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	1		05/25/11 22:08	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0025	1		05/25/11 22:08	108-20-3	
Ethanol	ND	mg/kg	0.33	1		05/25/11 22:08	64-17-5	
Ethyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/25/11 22:08	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0025	1		05/25/11 22:08	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0025	1		05/25/11 22:08	127-18-4	
Trichloroethene	ND	mg/kg	0.0025	1		05/25/11 22:08	79-01-6	
Vinyl chloride	ND	mg/kg	0.0025	1		05/25/11 22:08	75-01-4	
Dibromofluoromethane (S)	104	%	80-136	1		05/25/11 22:08	1868-53-7	
Toluene-d8 (S)	109	%	80-120	1		05/25/11 22:08	2037-26-5	
4-Bromofluorobenzene (S)	113	%	72-122	1		05/25/11 22:08	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	80-143	1		05/25/11 22:08	17060-07-0	
CA LUFT MSV GRO Medium Soil	Analytical Method: CA LUFT Preparation Method: CA LUFT							
TPH-Gasoline (C05-C12)	**1330**	mg/kg	18.3	10	05/27/11 12:04	05/28/11 09:21		
4-Bromofluorobenzene (S)	97	%	72-122	10	05/27/11 12:04	05/28/11 09:21	460-00-4	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4566 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 257794001, 257794006, 257794014

METHOD BLANK: 72230 Matrix: Water
Associated Lab Samples: 257794001, 257794006, 257794014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	05/27/11 14:56	
1,2-Dichloroethane	ug/L	ND	1.0	05/27/11 14:56	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	05/27/11 14:56	
Benzene	ug/L	ND	0.50	05/27/11 14:56	
Chloroform	ug/L	ND	1.0	05/27/11 14:56	
cis-1,2-Dichloroethene	ug/L	ND	1.0	05/27/11 14:56	
Diisopropyl ether	ug/L	ND	0.50	05/27/11 14:56	
Ethanol	ug/L	ND	250	05/27/11 14:56	
Ethyl-tert-butyl ether	ug/L	ND	0.50	05/27/11 14:56	
Ethylbenzene	ug/L	ND	0.50	05/27/11 14:56	
Methyl-tert-butyl ether	ug/L	ND	0.50	05/27/11 14:56	
tert-Amylmethyl ether	ug/L	ND	0.50	05/27/11 14:56	
tert-Butyl Alcohol	ug/L	ND	5.0	05/27/11 14:56	
Tetrachloroethene	ug/L	ND	1.0	05/27/11 14:56	
Toluene	ug/L	ND	0.50	05/27/11 14:56	
Trichloroethene	ug/L	ND	1.0	05/27/11 14:56	
Vinyl chloride	ug/L	ND	1.0	05/27/11 14:56	
Xylene (Total)	ug/L	ND	1.5	05/27/11 14:56	
1,2-Dichloroethane-d4 (S)	%	92	80-124	05/27/11 14:56	
4-Bromofluorobenzene (S)	%	100	80-120	05/27/11 14:56	
Dibromofluoromethane (S)	%	97	80-122	05/27/11 14:56	
Toluene-d8 (S)	%	99	80-123	05/27/11 14:56	

LABORATORY CONTROL SAMPLE: 72231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	17.2	86	73-124	
1,2-Dichloroethane	ug/L	20	16.6	83	78-125	
1,2-Dichloroethene (Total)	ug/L	40	36.0	90	77-136	
Benzene	ug/L	20	16.9	84	76-127	
Chloroform	ug/L	20	17.0	85	80-125	
cis-1,2-Dichloroethene	ug/L	20	18.2	91	80-135	
Diisopropyl ether	ug/L	20	17.7	88	70-137	
Ethanol	ug/L	800	334	42	31-182	
Ethyl-tert-butyl ether	ug/L	20	16.9	85	70-137	
Ethylbenzene	ug/L	20	17.4	87	72-125	
Methyl-tert-butyl ether	ug/L	20	17.5	87	58-145	
tert-Amylmethyl ether	ug/L	20	17.8	89	71-133	
tert-Butyl Alcohol	ug/L	100	86.5	87	31-166	
Tetrachloroethene	ug/L	20	11.0	55	40-164	
Toluene	ug/L	20	17.0	85	69-125	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 72231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	20	16.6	83	74-127	
Vinyl chloride	ug/L	20	12.7	63	57-147	
Xylene (Total)	ug/L	60	52.4	87	74-124	
1,2-Dichloroethane-d4 (S)	%			93	80-124	
4-Bromofluorobenzene (S)	%			96	80-120	
Dibromofluoromethane (S)	%			99	80-122	
Toluene-d8 (S)	%			98	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72232 72233

Parameter	Units	257818002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.7	17.8	94	89	78-117	5	
1,2-Dichloroethane	ug/L	ND	20	20	17.9	16.9	89	85	73-127	6	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	42.5	39.3	106	98	60-140	8	
Benzene	ug/L	ND	20	20	19.7	18.3	98	91	75-124	7	
Chloroform	ug/L	ND	20	20	19.8	18.2	99	91	75-124	8	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.3	19.7	106	99	78-126	8	
Diisopropyl ether	ug/L	ND	20	20	20.0	18.7	100	93	69-130	7	
Ethanol	ug/L	ND	800	800	326	321	41	40	36-177	1	
Ethyl-tert-butyl ether	ug/L	ND	20	20	18.8	17.8	94	89	67-131	5	
Ethylbenzene	ug/L	ND	20	20	20.3	18.6	101	93	76-124	9	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.0	18.3	95	92	72-130	4	
tert-Amylmethyl ether	ug/L	ND	20	20	19.3	18.5	97	93	67-132	4	
tert-Butyl Alcohol	ug/L	ND	100	100	88.7	89.2	89	89	36-164	.5	
Tetrachloroethene	ug/L	ND	20	20	13.3	12.2	66	61	70-127	8	M1
Toluene	ug/L	ND	20	20	19.9	18.2	99	90	75-124	9	
Trichloroethene	ug/L	ND	20	20	19.6	18.0	98	90	78-124	9	
Vinyl chloride	ug/L	ND	20	20	12.5	14.2	63	71	56-136	12	
Xylene (Total)	ug/L	ND	60	60	60.9	55.9	101	93	76-123	9	
1,2-Dichloroethane-d4 (S)	%						91	92	80-124		
4-Bromofluorobenzene (S)	%						99	97	80-120		
Dibromofluoromethane (S)	%						98	98	80-122		
Toluene-d8 (S)	%						98	98	80-123		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4591
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 257794013

METHOD BLANK: 72637 Matrix: Water
Associated Lab Samples: 257794013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/01/11 14:00	
1,2-Dichloroethane	ug/L	ND	1.0	06/01/11 14:00	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/01/11 14:00	
Benzene	ug/L	ND	0.50	06/01/11 14:00	
Chloroform	ug/L	ND	1.0	06/01/11 14:00	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/01/11 14:00	
Diisopropyl ether	ug/L	ND	0.50	06/01/11 14:00	
Ethanol	ug/L	ND	250	06/01/11 14:00	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/01/11 14:00	
Ethylbenzene	ug/L	ND	0.50	06/01/11 14:00	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/01/11 14:00	
tert-Amylmethyl ether	ug/L	ND	0.50	06/01/11 14:00	
tert-Butyl Alcohol	ug/L	ND	5.0	06/01/11 14:00	
Tetrachloroethene	ug/L	ND	1.0	06/01/11 14:00	
Toluene	ug/L	ND	0.50	06/01/11 14:00	
Trichloroethene	ug/L	ND	1.0	06/01/11 14:00	
Vinyl chloride	ug/L	ND	1.0	06/01/11 14:00	
Xylene (Total)	ug/L	ND	1.5	06/01/11 14:00	
1,2-Dichloroethane-d4 (S)	%	94	80-124	06/01/11 14:00	
4-Bromofluorobenzene (S)	%	105	80-120	06/01/11 14:00	
Dibromofluoromethane (S)	%	92	80-122	06/01/11 14:00	
Toluene-d8 (S)	%	104	80-123	06/01/11 14:00	

LABORATORY CONTROL SAMPLE: 72638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	55.2	110	73-124	
1,2-Dichloroethane	ug/L	50	41.7	83	78-125	
1,2-Dichloroethene (Total)	ug/L	100	97.6	98	77-136	
Benzene	ug/L	50	49.5	99	76-127	
Chloroform	ug/L	50	45.9	92	80-125	
cis-1,2-Dichloroethene	ug/L	50	49.5	99	80-135	
Diisopropyl ether	ug/L	50	49.5	99	70-137	
Ethanol	ug/L	2000	2780	139	31-182	
Ethyl-tert-butyl ether	ug/L	50	52.3	105	70-137	
Ethylbenzene	ug/L	50	50.5	101	72-125	
Methyl-tert-butyl ether	ug/L	50	50.7	101	58-145	
tert-Amylmethyl ether	ug/L	50	53.0	106	71-133	
tert-Butyl Alcohol	ug/L	250	417	167	31-166	L3
Tetrachloroethene	ug/L	50	48.9	98	40-164	
Toluene	ug/L	50	50.5	101	69-125	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 72638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	46.6	93	74-127	
Vinyl chloride	ug/L	50	40.9	82	57-147	
Xylene (Total)	ug/L	150	150	100	74-124	
1,2-Dichloroethane-d4 (S)	%			91	80-124	
4-Bromofluorobenzene (S)	%			106	80-120	
Dibromofluoromethane (S)	%			92	80-122	
Toluene-d8 (S)	%			101	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72794 72795

Parameter	Units	257737009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	16.5	18.9	83	94	78-117	13	
1,2-Dichloroethane	ug/L	7.5	20	20	22.6	25.3	75	89	73-127	11	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	33.9	39.4	85	99	60-140	15	
Benzene	ug/L	ND	20	20	17.9	19.4	89	97	75-124	8	
Chloroform	ug/L	ND	20	20	16.1	18.8	80	94	75-124	15	
cis-1,2-Dichloroethene	ug/L	ND	20	20	16.7	19.4	84	97	78-126	15	
Diisopropyl ether	ug/L	ND	20	20	16.5	19.2	82	95	69-130	15	
Ethanol	ug/L	ND	800	800	890	1080	111	135	36-177	19	
Ethyl-tert-butyl ether	ug/L	ND	20	20	16.3	19.3	81	97	67-131	17	
Ethylbenzene	ug/L	ND	20	20	18.9	20.7	94	103	76-124	9	
Methyl-tert-butyl ether	ug/L	16.8	20	20	31.0	35.8	71	95	72-130	14	M1
tert-Amylmethyl ether	ug/L	ND	20	20	16.0	19.2	80	96	67-132	18	
tert-Butyl Alcohol	ug/L	ND	100	100	110	141	106	137	36-164	25	
Tetrachloroethene	ug/L	ND	20	20	18.5	19.9	92	99	70-127	7	
Toluene	ug/L	ND	20	20	19.5	19.9	96	99	75-124	2	
Trichloroethene	ug/L	ND	20	20	16.6	18.7	83	94	78-124	12	
Vinyl chloride	ug/L	ND	20	20	18.4	22.0	92	110	56-136	18	
Xylene (Total)	ug/L	ND	60	60	56.0	61.4	93	102	76-123	9	
1,2-Dichloroethane-d4 (S)	%						82	88	80-124		
4-Bromofluorobenzene (S)	%						104	103	80-120		
Dibromofluoromethane (S)	%						94	98	80-122		
Toluene-d8 (S)	%						103	102	80-123		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4563 Analysis Method: EPA 8260
QC Batch Method: EPA 5030 Analysis Description: 8260 MSV 5030 Medium Soil
Associated Lab Samples: 257794015, 257794016, 257794042

METHOD BLANK: 72204 Matrix: Solid
Associated Lab Samples: 257794015, 257794016, 257794042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.050	05/28/11 05:14	
1,2-Dichloroethane	mg/kg	ND	0.050	05/28/11 05:14	
Benzene	mg/kg	ND	0.025	05/28/11 05:14	
Chloroform	mg/kg	ND	0.050	05/28/11 05:14	
cis-1,2-Dichloroethene	mg/kg	ND	0.050	05/28/11 05:14	
Diisopropyl ether	mg/kg	ND	0.10	05/28/11 05:14	
Ethanol	mg/kg	ND	10.0	05/28/11 05:14	
Ethyl-tert-butyl ether	mg/kg	ND	0.10	05/28/11 05:14	
Ethylbenzene	mg/kg	ND	0.050	05/28/11 05:14	
Methyl-tert-butyl ether	mg/kg	ND	0.050	05/28/11 05:14	
tert-Amylmethyl ether	mg/kg	ND	0.10	05/28/11 05:14	
tert-Butyl Alcohol	mg/kg	ND	0.50	05/28/11 05:14	
Tetrachloroethene	mg/kg	ND	0.050	05/28/11 05:14	
Toluene	mg/kg	ND	0.050	05/28/11 05:14	
Trichloroethene	mg/kg	ND	0.050	05/28/11 05:14	
Vinyl chloride	mg/kg	ND	0.050	05/28/11 05:14	
Xylene (Total)	mg/kg	ND	0.15	05/28/11 05:14	
1,2-Dichloroethane-d4 (S)	%	93	76-115	05/28/11 05:14	
4-Bromofluorobenzene (S)	%	103	78-127	05/28/11 05:14	
Dibromofluoromethane (S)	%	89	81-114	05/28/11 05:14	
Toluene-d8 (S)	%	104	84-121	05/28/11 05:14	

LABORATORY CONTROL SAMPLE: 72205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	1	0.88	88	72-120	
1,2-Dichloroethane	mg/kg	1	0.82	82	74-125	
Benzene	mg/kg	1	0.84	84	78-123	
Chloroform	mg/kg	1	0.80	80	78-120	
cis-1,2-Dichloroethene	mg/kg	1	0.82	82	80-125	
Diisopropyl ether	mg/kg	1	0.84	84	50-150	
Ethanol	mg/kg	40	55.0	138	50-150	
Ethyl-tert-butyl ether	mg/kg	1	0.86	86	50-150	
Ethylbenzene	mg/kg	1	0.92	92	74-120	
Methyl-tert-butyl ether	mg/kg	1	0.83	83	54-134	
tert-Amylmethyl ether	mg/kg	1	0.82	82	50-150	
tert-Butyl Alcohol	mg/kg	5	5.2	104	50-150	
Tetrachloroethene	mg/kg	1	0.89	89	39-152	
Toluene	mg/kg	1	0.91	91	70-121	
Trichloroethene	mg/kg	1	0.90	90	79-120	
Vinyl chloride	mg/kg	1	0.40	40	56-134	L2

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 72205

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	mg/kg	3	2.7	90	76-120	
1,2-Dichloroethane-d4 (S)	%			94	76-115	
4-Bromofluorobenzene (S)	%			104	78-127	
Dibromofluoromethane (S)	%			94	81-114	
Toluene-d8 (S)	%			105	84-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72531 72532

Parameter	Units	257775004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	1.5	1.5	1.4	1.5	95	105	68-119	10	
1,2-Dichloroethane	mg/kg	ND	1.5	1.5	1.2	1.4	85	95	67-127	12	
Benzene	mg/kg	ND	1.5	1.5	1.3	1.5	88	98	79-127	11	
Chloroform	mg/kg	ND	1.5	1.5	1.3	1.4	85	94	76-120	10	
cis-1,2-Dichloroethene	mg/kg	ND	1.5	1.5	1.3	1.4	86	94	81-128	9	
Diisopropyl ether	mg/kg	ND	1.5	1.5	1.3	1.5	90	99	50-150	9	
Ethanol	mg/kg	ND	58.8	58.8	88.4	87.4	150	149	50-150	1	
Ethyl-tert-butyl ether	mg/kg	ND	1.5	1.5	1.3	1.5	91	101	50-150	10	
Ethylbenzene	mg/kg	1.9	1.5	1.5	3.2	3.5	94	111	77-126	7	
Methyl-tert-butyl ether	mg/kg	147 ug/kg	1.5	1.5	1.5	1.6	92	101	60-140	9	
tert-Amylmethyl ether	mg/kg	ND	1.5	1.5	1.3	1.5	90	100	50-150	11	
tert-Butyl Alcohol	mg/kg	ND	7.4	7.4	11.2	12.1	150	162	50-150	8	M1
Tetrachloroethene	mg/kg	ND	1.5	1.5	1.4	1.5	94	104	79-121	10	
Toluene	mg/kg	ND	1.5	1.5	1.4	1.5	93	103	77-124	10	
Trichloroethene	mg/kg	ND	1.5	1.5	1.3	1.4	85	96	82-124	12	
Vinyl chloride	mg/kg	ND	1.5	1.5	0.56	0.69	38	47	42-146	21	M0
Xylene (Total)	mg/kg	782 ug/kg	4.4	4.4	4.6	5.0	87	96	77-127	9	
1,2-Dichloroethane-d4 (S)	%						93	95	76-115		
4-Bromofluorobenzene (S)	%						102	103	78-127		
Dibromofluoromethane (S)	%						94	96	81-114		
Toluene-d8 (S)	%						105	105	84-121		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4526 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5030 Volatile Organics
Associated Lab Samples: 257794002, 257794003, 257794004, 257794005, 257794007, 257794008, 257794009, 257794010, 257794011, 257794015, 257794017, 257794041, 257794042

METHOD BLANK: 71795 Matrix: Solid
Associated Lab Samples: 257794002, 257794003, 257794004, 257794005, 257794007, 257794008, 257794009, 257794010, 257794011, 257794015, 257794017, 257794041, 257794042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0030	05/25/11 16:09	
1,2-Dichloroethane	mg/kg	ND	0.0030	05/25/11 16:09	
1,2-Dichloroethene (Total)	mg/kg	ND	0.0060	05/25/11 16:09	
Benzene	mg/kg	ND	0.0030	05/25/11 16:09	
Chloroform	mg/kg	ND	0.0030	05/25/11 16:09	
cis-1,2-Dichloroethene	mg/kg	ND	0.0030	05/25/11 16:09	
Diisopropyl ether	mg/kg	ND	0.0030	05/25/11 16:09	
Ethanol	mg/kg	ND	0.40	05/25/11 16:09	
Ethyl-tert-butyl ether	mg/kg	ND	0.0030	05/25/11 16:09	
Ethylbenzene	mg/kg	ND	0.0030	05/25/11 16:09	
Methyl-tert-butyl ether	mg/kg	ND	0.0030	05/25/11 16:09	
tert-Amylmethyl ether	mg/kg	ND	0.0030	05/25/11 16:09	
tert-Butyl Alcohol	mg/kg	ND	0.015	05/25/11 16:09	
Tetrachloroethene	mg/kg	ND	0.0030	05/25/11 16:09	
Toluene	mg/kg	ND	0.0030	05/25/11 16:09	
Trichloroethene	mg/kg	ND	0.0030	05/25/11 16:09	
Vinyl chloride	mg/kg	ND	0.0030	05/25/11 16:09	
Xylene (Total)	mg/kg	ND	0.0090	05/25/11 16:09	
1,2-Dichloroethane-d4 (S)	%	99	80-143	05/25/11 16:09	
4-Bromofluorobenzene (S)	%	102	72-122	05/25/11 16:09	
Dibromofluoromethane (S)	%	98	80-136	05/25/11 16:09	
Toluene-d8 (S)	%	101	80-120	05/25/11 16:09	

LABORATORY CONTROL SAMPLE: 71796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	.05	0.049	99	71-123	
1,2-Dichloroethane	mg/kg	.05	0.049	98	70-124	
1,2-Dichloroethene (Total)	mg/kg	.1	0.10	100	69-138	
Benzene	mg/kg	.05	0.046	92	75-133	
Chloroform	mg/kg	.05	0.049	97	72-131	
cis-1,2-Dichloroethene	mg/kg	.05	0.050	100	76-132	
Diisopropyl ether	mg/kg	.05	0.047	94	63-139	
Ethanol	mg/kg	1	0.97	97	53-134	
Ethyl-tert-butyl ether	mg/kg	.05	0.051	102	63-135	
Ethylbenzene	mg/kg	.05	0.044	88	68-131	
Methyl-tert-butyl ether	mg/kg	.05	0.050	99	52-143	
tert-Amylmethyl ether	mg/kg	.05	0.049	98	62-138	
tert-Butyl Alcohol	mg/kg	.5	0.22	45	35-151	
Tetrachloroethene	mg/kg	.05	0.056	113	62-130	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 71796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	mg/kg	.05	0.047	95	73-124	
Trichloroethene	mg/kg	.05	0.048	96	74-128	
Vinyl chloride	mg/kg	.05	0.040	80	59-155	
Xylene (Total)	mg/kg	.15	0.13	85	68-130	
1,2-Dichloroethane-d4 (S)	%			98	80-143	
4-Bromofluorobenzene (S)	%			101	72-122	
Dibromofluoromethane (S)	%			100	80-136	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72146 72147

Parameter	Units	257867001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	.038	.042	0.034	0.041	88	98	71-123	19	
1,2-Dichloroethane	mg/kg	ND	.038	.042	0.035	0.043	91	104	71-124	22	
1,2-Dichloroethene (Total)	mg/kg	ND	.076	.084	0.078	0.091	101	109	64-112	16	
Benzene	mg/kg	6.0 ug/kg	.038	.042	0.036	0.043	79	88	68-124	16	
Chloroform	mg/kg	ND	.038	.042	0.037	0.044	98	106	72-113	17	
cis-1,2-Dichloroethene	mg/kg	ND	.038	.042	0.038	0.044	100	106	73-122	15	
Diisopropyl ether	mg/kg	ND	.038	.042	0.035	0.043	92	102	20-160	19	
Ethanol	mg/kg	ND	.76	.84	0.72	0.75	94	89	60-140	4	
Ethyl-tert-butyl ether	mg/kg	ND	.038	.042	0.041	0.051	106	123	70-140	23	
Ethylbenzene	mg/kg	ND	.038	.042	0.034	0.039	85	88	63-131	12	
Methyl-tert-butyl ether	mg/kg	ND	.038	.042	0.037	0.046	96	110	68-139	23	
tert-Amylmethyl ether	mg/kg	ND	.038	.042	0.039	0.050	102	120	74-125	25	
tert-Butyl Alcohol	mg/kg	ND	.38	.42	0.15	0.19	39	45	49-122	21	M1
Tetrachloroethene	mg/kg	ND	.038	.042	0.044	0.048	114	115	66-121	10	
Toluene	mg/kg	ND	.038	.042	0.037	0.041	95	98	61-126	12	
Trichloroethene	mg/kg	ND	.038	.042	0.039	0.045	101	107	72-115	14	
Vinyl chloride	mg/kg	ND	.038	.042	0.034	0.040	89	95	49-122	15	
Xylene (Total)	mg/kg	ND	.11	.13	0.098	0.11	79	82	68-129	12	
1,2-Dichloroethane-d4 (S)	%						102	109	80-143		
4-Bromofluorobenzene (S)	%						100	100	72-122		
Dibromofluoromethane (S)	%						102	104	80-136		
Toluene-d8 (S)	%						99	96	80-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4545
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5030 Volatile Organics
Associated Lab Samples: 257794012

METHOD BLANK: 71966
Matrix: Solid
Associated Lab Samples: 257794012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0030	05/26/11 10:56	
1,2-Dichloroethane	mg/kg	ND	0.0030	05/26/11 10:56	
1,2-Dichloroethene (Total)	mg/kg	ND	0.0060	05/26/11 10:56	
Benzene	mg/kg	ND	0.0030	05/26/11 10:56	
Chloroform	mg/kg	ND	0.0030	05/26/11 10:56	
cis-1,2-Dichloroethene	mg/kg	ND	0.0030	05/26/11 10:56	
Diisopropyl ether	mg/kg	ND	0.0030	05/26/11 10:56	
Ethanol	mg/kg	ND	0.40	05/26/11 10:56	
Ethyl-tert-butyl ether	mg/kg	ND	0.0030	05/26/11 10:56	
Ethylbenzene	mg/kg	ND	0.0030	05/26/11 10:56	
Methyl-tert-butyl ether	mg/kg	ND	0.0030	05/26/11 10:56	
tert-Amylmethyl ether	mg/kg	ND	0.0030	05/26/11 10:56	
tert-Butyl Alcohol	mg/kg	ND	0.015	05/26/11 10:56	
Tetrachloroethene	mg/kg	ND	0.0030	05/26/11 10:56	
Toluene	mg/kg	ND	0.0030	05/26/11 10:56	
Trichloroethene	mg/kg	ND	0.0030	05/26/11 10:56	
Vinyl chloride	mg/kg	ND	0.0030	05/26/11 10:56	
Xylene (Total)	mg/kg	ND	0.0090	05/26/11 10:56	
1,2-Dichloroethane-d4 (S)	%	122	80-143	05/26/11 10:56	
4-Bromofluorobenzene (S)	%	103	72-122	05/26/11 10:56	
Dibromofluoromethane (S)	%	112	80-136	05/26/11 10:56	
Toluene-d8 (S)	%	99	80-120	05/26/11 10:56	

LABORATORY CONTROL SAMPLE: 71967

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	.05	0.049	99	71-123	
1,2-Dichloroethane	mg/kg	.05	0.061	121	70-124	
1,2-Dichloroethene (Total)	mg/kg	.1	0.091	91	69-138	
Benzene	mg/kg	.05	0.042	84	75-133	
Chloroform	mg/kg	.05	0.052	105	72-131	
cis-1,2-Dichloroethene	mg/kg	.05	0.046	93	76-132	
Diisopropyl ether	mg/kg	.05	0.041	83	63-139	
Ethanol	mg/kg	2	1.2	59	53-134	
Ethyl-tert-butyl ether	mg/kg	.05	0.050	101	63-135	
Ethylbenzene	mg/kg	.05	0.047	95	68-131	
Methyl-tert-butyl ether	mg/kg	.05	0.054	108	52-143	
tert-Amylmethyl ether	mg/kg	.05	0.049	98	62-138	
tert-Butyl Alcohol	mg/kg	.25	0.26	104	35-151	
Tetrachloroethene	mg/kg	.05	0.053	105	62-130	
Toluene	mg/kg	.05	0.045	90	73-124	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 71967

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	mg/kg	.05	0.048	97	74-128	
Vinyl chloride	mg/kg	.05	0.043	86	59-155	
Xylene (Total)	mg/kg	.15	0.13	89	68-130	
1,2-Dichloroethane-d4 (S)	%			121	80-143	
4-Bromofluorobenzene (S)	%			102	72-122	
Dibromofluoromethane (S)	%			114	80-136	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72148 72149

Parameter	Units	257783014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	.046	.046	0.027	0.033	58	71	71-123	20	M1
1,2-Dichloroethane	mg/kg	ND	.046	.046	0.031	0.038	67	82	71-124	20	M1
1,2-Dichloroethene (Total)	mg/kg	ND	.093	.093	0.056	0.067	60	72	64-112	18	M1
Benzene	mg/kg	ND	.046	.046	0.025	0.030	54	65	68-124	17	M1
Chloroform	mg/kg	ND	.046	.046	0.032	0.038	68	81	72-113	17	M1
cis-1,2-Dichloroethene	mg/kg	ND	.046	.046	0.027	0.032	58	69	73-122	18	M1
Diisopropyl ether	mg/kg	ND	.046	.046	0.024	0.028	51	62	20-160	19	
Ethanol	mg/kg	ND	1.9	1.9	0.54	0.64	29	35	60-140	17	M1
Ethyl-tert-butyl ether	mg/kg	ND	.046	.046	0.026	0.033	56	72	70-140	25	M1
Ethylbenzene	mg/kg	ND	.046	.046	0.031	0.038	67	81	63-131	18	
Methyl-tert-butyl ether	mg/kg	ND	.046	.046	0.025	0.032	55	70	68-139	24	M1
tert-Amylmethyl ether	mg/kg	ND	.046	.046	0.025	0.032	53	68	74-125	25	M1
tert-Butyl Alcohol	mg/kg	ND	.23	.23	0.092	0.12	40	53	49-122	29	M1
Tetrachloroethene	mg/kg	ND	.046	.046	0.037	0.043	80	94	66-121	16	
Toluene	mg/kg	ND	.046	.046	0.029	0.034	62	73	61-126	15	
Trichloroethene	mg/kg	ND	.046	.046	0.030	0.035	65	75	72-115	14	M1
Vinyl chloride	mg/kg	ND	.046	.046	0.029	0.034	63	74	49-122	16	
Xylene (Total)	mg/kg	ND	.14	.14	0.088	0.11	63	76	68-129	19	M1
1,2-Dichloroethane-d4 (S)	%						115	115	80-143		
4-Bromofluorobenzene (S)	%						110	108	72-122		
Dibromofluoromethane (S)	%						108	112	80-136		
Toluene-d8 (S)	%						108	102	80-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4558 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5030 Volatile Organics
Associated Lab Samples: 257794018, 257794019, 257794020, 257794021, 257794022, 257794023, 257794024, 257794025, 257794026, 257794027, 257794028, 257794029, 257794030, 257794031, 257794032, 257794033, 257794034, 257794035, 257794037

METHOD BLANK: 72141 Matrix: Solid
Associated Lab Samples: 257794018, 257794019, 257794020, 257794021, 257794022, 257794023, 257794024, 257794025, 257794026, 257794027, 257794028, 257794029, 257794030, 257794031, 257794032, 257794033, 257794034, 257794035, 257794037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0030	05/27/11 10:04	
1,2-Dichloroethane	mg/kg	ND	0.0030	05/27/11 10:04	
1,2-Dichloroethene (Total)	mg/kg	ND	0.0060	05/27/11 10:04	
Benzene	mg/kg	ND	0.0030	05/27/11 10:04	
Chloroform	mg/kg	ND	0.0030	05/27/11 10:04	
cis-1,2-Dichloroethene	mg/kg	ND	0.0030	05/27/11 10:04	
Diisopropyl ether	mg/kg	ND	0.0030	05/27/11 10:04	
Ethanol	mg/kg	ND	0.40	05/27/11 10:04	
Ethyl-tert-butyl ether	mg/kg	ND	0.0030	05/27/11 10:04	
Ethylbenzene	mg/kg	ND	0.0030	05/27/11 10:04	
Methyl-tert-butyl ether	mg/kg	ND	0.0030	05/27/11 10:04	
tert-Amylmethyl ether	mg/kg	ND	0.0030	05/27/11 10:04	
tert-Butyl Alcohol	mg/kg	ND	0.015	05/27/11 10:04	
Tetrachloroethene	mg/kg	ND	0.0030	05/27/11 10:04	
Toluene	mg/kg	ND	0.0030	05/27/11 10:04	
Trichloroethene	mg/kg	ND	0.0030	05/27/11 10:04	
Vinyl chloride	mg/kg	ND	0.0030	05/27/11 10:04	
Xylene (Total)	mg/kg	ND	0.0090	05/27/11 10:04	
1,2-Dichloroethane-d4 (S)	%	121	80-143	05/27/11 10:04	
4-Bromofluorobenzene (S)	%	99	72-122	05/27/11 10:04	
Dibromofluoromethane (S)	%	114	80-136	05/27/11 10:04	
Toluene-d8 (S)	%	93	80-120	05/27/11 10:04	

LABORATORY CONTROL SAMPLE: 72142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	.05	0.044	89	71-123	
1,2-Dichloroethane	mg/kg	.05	0.057	113	70-124	
1,2-Dichloroethene (Total)	mg/kg	.1	0.098	98	69-138	
Benzene	mg/kg	.05	0.045	89	75-133	
Chloroform	mg/kg	.05	0.053	106	72-131	
cis-1,2-Dichloroethene	mg/kg	.05	0.050	99	76-132	
Diisopropyl ether	mg/kg	.05	0.043	86	63-139	
Ethanol	mg/kg	1	0.93	93	53-134	
Ethyl-tert-butyl ether	mg/kg	.05	0.049	99	63-135	
Ethylbenzene	mg/kg	.05	0.047	94	68-131	
Methyl-tert-butyl ether	mg/kg	.05	0.048	97	52-143	
tert-Amylmethyl ether	mg/kg	.05	0.048	96	62-138	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 72142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Alcohol	mg/kg	.25	0.22	87	35-151	
Tetrachloroethene	mg/kg	.05	0.049	98	62-130	
Toluene	mg/kg	.05	0.044	87	73-124	
Trichloroethene	mg/kg	.05	0.050	100	74-128	
Vinyl chloride	mg/kg	.05	0.034	68	59-155	
Xylene (Total)	mg/kg	.15	0.14	91	68-130	
1,2-Dichloroethane-d4 (S)	%			114	80-143	
4-Bromofluorobenzene (S)	%			104	72-122	
Dibromofluoromethane (S)	%			107	80-136	
Toluene-d8 (S)	%			95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72635 72636

Parameter	Units	257794037 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	.039	.039	0.032	0.036	80	92	71-123	12	
1,2-Dichloroethane	mg/kg	ND	.039	.039	0.034	0.040	87	102	71-124	14	
1,2-Dichloroethene (Total)	mg/kg	ND	.079	.077	0.066	0.069	83	90	64-112	6	
Benzene	mg/kg	ND	.039	.039	0.029	0.031	73	81	68-124	8	
Chloroform	mg/kg	ND	.039	.039	0.034	0.038	86	98	72-113	11	
cis-1,2-Dichloroethene	mg/kg	ND	.039	.039	0.031	0.034	78	87	73-122	10	
Diisopropyl ether	mg/kg	ND	.039	.039	0.026	0.031	66	80	20-160	17	
Ethanol	mg/kg	ND	.79	.77	0.68	0.76	87	98	60-140	10	
Ethyl-tert-butyl ether	mg/kg	ND	.039	.039	0.030	0.035	75	90	70-140	17	
Ethylbenzene	mg/kg	ND	.039	.039	0.036	0.037	92	96	63-131	1	
Methyl-tert-butyl ether	mg/kg	ND	.039	.039	0.028	0.036	71	93	68-139	25	
tert-Amylmethyl ether	mg/kg	ND	.039	.039	0.028	0.034	71	88	74-125	19	M1
tert-Butyl Alcohol	mg/kg	ND	.2	.19	0.10	0.16	51	81	49-122	43	D6
Tetrachloroethene	mg/kg	ND	.039	.039	0.042	0.041	105	105	66-121	2	
Toluene	mg/kg	ND	.039	.039	0.033	0.035	83	88	61-126	4	
Trichloroethene	mg/kg	ND	.039	.039	0.036	0.036	91	93	72-115	1	
Vinyl chloride	mg/kg	ND	.039	.039	0.022	0.023	57	59	49-122	.9	
Xylene (Total)	mg/kg	ND	.12	.12	0.10	0.10	89	89	68-129	1	
1,2-Dichloroethane-d4 (S)	%						111	121	80-143		
4-Bromofluorobenzene (S)	%						101	104	72-122		
Dibromofluoromethane (S)	%						103	109	80-136		
Toluene-d8 (S)	%						105	103	80-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4574 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5030 Volatile Organics
Associated Lab Samples: 257794036, 257794038, 257794039, 257794040

METHOD BLANK: 72444 Matrix: Solid
Associated Lab Samples: 257794036, 257794038, 257794039, 257794040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0030	05/31/11 13:07	
1,2-Dichloroethane	mg/kg	ND	0.0030	05/31/11 13:07	
1,2-Dichloroethene (Total)	mg/kg	ND	0.0060	05/31/11 13:07	
Benzene	mg/kg	ND	0.0030	05/31/11 13:07	
Chloroform	mg/kg	ND	0.0030	05/31/11 13:07	
cis-1,2-Dichloroethene	mg/kg	ND	0.0030	05/31/11 13:07	
Diisopropyl ether	mg/kg	ND	0.0030	05/31/11 13:07	
Ethanol	mg/kg	ND	0.40	05/31/11 13:07	
Ethyl-tert-butyl ether	mg/kg	ND	0.0030	05/31/11 13:07	
Ethylbenzene	mg/kg	ND	0.0030	05/31/11 13:07	
Methyl-tert-butyl ether	mg/kg	ND	0.0030	05/31/11 13:07	
tert-Amylmethyl ether	mg/kg	ND	0.0030	05/31/11 13:07	
tert-Butyl Alcohol	mg/kg	ND	0.015	05/31/11 13:07	
Tetrachloroethene	mg/kg	ND	0.0030	05/31/11 13:07	
Toluene	mg/kg	ND	0.0030	05/31/11 13:07	
Trichloroethene	mg/kg	ND	0.0030	05/31/11 13:07	
Vinyl chloride	mg/kg	ND	0.0030	05/31/11 13:07	
Xylene (Total)	mg/kg	ND	0.0090	05/31/11 13:07	
1,2-Dichloroethane-d4 (S)	%	116	80-143	05/31/11 13:07	
4-Bromofluorobenzene (S)	%	104	72-122	05/31/11 13:07	
Dibromofluoromethane (S)	%	104	80-136	05/31/11 13:07	
Toluene-d8 (S)	%	98	80-120	05/31/11 13:07	

LABORATORY CONTROL SAMPLE: 72445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	.05	0.044	88	71-123	
1,2-Dichloroethane	mg/kg	.05	0.063	125	70-124	L3
1,2-Dichloroethene (Total)	mg/kg	.1	0.12	118	69-138	
Benzene	mg/kg	.05	0.049	99	75-133	
Chloroform	mg/kg	.05	0.061	123	72-131	
cis-1,2-Dichloroethene	mg/kg	.05	0.056	111	76-132	
Diisopropyl ether	mg/kg	.05	0.048	96	63-139	
Ethanol	mg/kg	1	1.1	105	53-134	
Ethyl-tert-butyl ether	mg/kg	.05	0.055	111	63-135	
Ethylbenzene	mg/kg	.05	0.051	102	68-131	
Methyl-tert-butyl ether	mg/kg	.05	0.055	110	52-143	
tert-Amylmethyl ether	mg/kg	.05	0.052	104	62-138	
tert-Butyl Alcohol	mg/kg	.25	0.21	84	35-151	
Tetrachloroethene	mg/kg	.05	0.057	114	62-130	
Toluene	mg/kg	.05	0.046	92	73-124	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

LABORATORY CONTROL SAMPLE: 72445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	mg/kg	.05	0.057	114	74-128	
Vinyl chloride	mg/kg	.05	0.067	134	59-155	
Xylene (Total)	mg/kg	.15	0.15	98	68-130	
1,2-Dichloroethane-d4 (S)	%			122	80-143	
4-Bromofluorobenzene (S)	%			101	72-122	
Dibromofluoromethane (S)	%			121	80-136	
Toluene-d8 (S)	%			95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72654 72655

Parameter	Units	257787017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	.046	.045	0.033	0.034	72	75	71-123	2	
1,2-Dichloroethane	mg/kg	ND	.046	.045	0.044	0.046	96	101	71-124	3	
1,2-Dichloroethene (Total)	mg/kg	ND	.093	.091	0.096	0.097	104	107	64-112	1	
Benzene	mg/kg	ND	.046	.045	0.042	0.043	90	95	68-124	3	
Chloroform	mg/kg	ND	.046	.045	0.049	0.052	107	114	72-113	5	M1
cis-1,2-Dichloroethene	mg/kg	ND	.046	.045	0.046	0.046	100	101	73-122	.7	
Diisopropyl ether	mg/kg	ND	.046	.045	0.038	0.037	82	82	20-160	1	
Ethanol	mg/kg	ND	.93	.91	0.71	0.70	77	77	60-140	2	
Ethyl-tert-butyl ether	mg/kg	ND	.046	.045	0.043	0.042	93	93	70-140	1	
Ethylbenzene	mg/kg	ND	.046	.045	0.047	0.048	102	105	63-131	1	
Methyl-tert-butyl ether	mg/kg	ND	.046	.045	0.039	0.039	84	85	68-139	1	
tert-Amylmethyl ether	mg/kg	ND	.046	.045	0.038	0.038	82	84	74-125	.6	
tert-Butyl Alcohol	mg/kg	ND	.23	.23	0.13	0.12	57	55	49-122	6	
Tetrachloroethene	mg/kg	ND	.046	.045	0.059	0.066	128	145	66-121	11	M1
Toluene	mg/kg	ND	.046	.045	0.043	0.044	93	97	61-126	3	
Trichloroethene	mg/kg	ND	.046	.045	0.050	0.051	108	112	72-115	2	
Vinyl chloride	mg/kg	ND	.046	.045	0.055	0.055	118	122	49-122	2	
Xylene (Total)	mg/kg	ND	.14	.14	0.13	0.13	96	98	68-129	.2	
1,2-Dichloroethane-d4 (S)	%						97	98	80-143		
4-Bromofluorobenzene (S)	%						101	105	72-122		
Dibromofluoromethane (S)	%						104	106	80-136		
Toluene-d8 (S)	%						101	101	80-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4564 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257794015, 257794016, 257794042

METHOD BLANK: 72206 Matrix: Solid
Associated Lab Samples: 257794015, 257794016, 257794042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	2.5	05/28/11 05:14	
4-Bromofluorobenzene (S)	%	103	72-122	05/28/11 05:14	

LABORATORY CONTROL SAMPLE: 72207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	25	28.5	114	60-140	
4-Bromofluorobenzene (S)	%			103	72-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72525 72526

Parameter	Units	257775011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	mg/kg	194	24.9	24.9	232	227	152	131	60-140	2	M1
4-Bromofluorobenzene (S)	%						102	102	72-122		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4532 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257794002, 257794003, 257794004, 257794005, 257794007, 257794008, 257794009, 257794010, 257794011, 257794012, 257794017, 257794041

METHOD BLANK: 71875 Matrix: Solid
Associated Lab Samples: 257794002, 257794003, 257794004, 257794005, 257794007, 257794008, 257794009, 257794010, 257794011, 257794012, 257794017, 257794041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	0.25	05/25/11 16:09	
4-Bromofluorobenzene (S)	%	102	72-122	05/25/11 16:09	

LABORATORY CONTROL SAMPLE: 71876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	.5	0.48	96	60-140	
4-Bromofluorobenzene (S)	%			102	72-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72067 72068

Parameter	Units	257775012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	mg/kg	7.2	.39	.46	4.0	4.1	-802	-681	60-140	1	M1
4-Bromofluorobenzene (S)	%						101	101	72-122		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4559 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257794018, 257794019, 257794020, 257794021, 257794022, 257794023, 257794024, 257794025, 257794026, 257794027, 257794028, 257794029, 257794030

METHOD BLANK: 72143 Matrix: Solid
Associated Lab Samples: 257794018, 257794019, 257794020, 257794021, 257794022, 257794023, 257794024, 257794025, 257794026, 257794027, 257794028, 257794029, 257794030, 257794031, 257794032, 257794033, 257794034, 257794035, 257794037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	0.25	05/27/11 10:04	
4-Bromofluorobenzene (S)	%	99	72-122	05/27/11 10:04	

LABORATORY CONTROL SAMPLE: 72144

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	1	0.64	64	60-140	
4-Bromofluorobenzene (S)	%			98	72-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72174 72175

Parameter	Units	257784006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	mg/kg	ND	.52	.57	0.43	0.48	78	79	60-140	10	
4-Bromofluorobenzene (S)	%						121	117	72-122		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4588 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257794036, 257794038, 257794039, 257794040

METHOD BLANK: 72539 Matrix: Solid
Associated Lab Samples: 257794036, 257794038, 257794039, 257794040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	0.25	06/01/11 11:18	
4-Bromofluorobenzene (S)	%	104	72-122	06/01/11 11:18	

LABORATORY CONTROL SAMPLE & LCSD: 72540 72765

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	.5	0.50	0.57	101	114	60-140	12	30	
4-Bromofluorobenzene (S)	%				103	104	72-122			

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4565 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257794001, 257794006

METHOD BLANK: 72217 Matrix: Water
Associated Lab Samples: 257794001, 257794006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	05/27/11 14:22	
4-Bromofluorobenzene (S)	%	100	82-116	05/27/11 14:22	

LABORATORY CONTROL SAMPLE: 72218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	546	109	60-140	
4-Bromofluorobenzene (S)	%			99	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 72537 72538

Parameter	Units	257818003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	ND	500	500	480	468	92	89	60-140	3	
4-Bromofluorobenzene (S)	%						99	98	82-116		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 257794

QC Batch: MSV/4592 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 257794013, 257794014

METHOD BLANK: 72641 Matrix: Water
Associated Lab Samples: 257794013, 257794014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/01/11 14:00	
4-Bromofluorobenzene (S)	%	105	82-116	06/01/11 14:00	

LABORATORY CONTROL SAMPLE: 72642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	551	110	60-140	
4-Bromofluorobenzene (S)	%			105	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 73047 73048

Parameter	Units	257818009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	ND	500	500	580	560	116	112	60-140	4	
4-Bromofluorobenzene (S)	%						105	104	82-116		

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QUALIFIERS

Project: 256390
Pace Project No.: 257794

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S	Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/4588

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 256390
Pace Project No.: 257794

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257794001	**SB-1**	EPA 5030B/8260	MSV/4566		
257794006	**SB-3**	EPA 5030B/8260	MSV/4566		
257794013	**SB-4**	EPA 5030B/8260	MSV/4591		
257794014	**SB-7**	EPA 5030B/8260	MSV/4566		
257794015	**SB-7d17**	EPA 5030	MSV/4563	EPA 8260	MSV/4586
257794016	**SB-7d20**	EPA 5030	MSV/4563	EPA 8260	MSV/4586
257794042	**SB-7d15**	EPA 5030	MSV/4563	EPA 8260	MSV/4586
257794002	**SB-1d10**	EPA 8260	MSV/4526		
257794003	**SB-1d5**	EPA 8260	MSV/4526		
257794004	**SB-1d20**	EPA 8260	MSV/4526		
257794005	**SB-1d25**	EPA 8260	MSV/4526		
257794007	**SB-3d5**	EPA 8260	MSV/4526		
257794008	**SB-3d10**	EPA 8260	MSV/4526		
257794009	**SB-3d15**	EPA 8260	MSV/4526		
257794010	**SB-3d17**	EPA 8260	MSV/4526		
257794011	**SB-3d20**	EPA 8260	MSV/4526		
257794012	**SB-3d25**	EPA 8260	MSV/4545		
257794015	**SB-7d17**	EPA 8260	MSV/4526		
257794017	**SB-7d25**	EPA 8260	MSV/4526		
257794018	**SB-3d30**	EPA 8260	MSV/4558		
257794019	**SB-4d10**	EPA 8260	MSV/4558		
257794020	**SB-4d15**	EPA 8260	MSV/4558		
257794021	**SB-4d17**	EPA 8260	MSV/4558		
257794022	**SB-4d20**	EPA 8260	MSV/4558		
257794023	**SB-4d24**	EPA 8260	MSV/4558		
257794024	**SB-4d30**	EPA 8260	MSV/4558		
257794025	**SB-5d5**	EPA 8260	MSV/4558		
257794026	**SB-5d10**	EPA 8260	MSV/4558		
257794027	**SB-5d15**	EPA 8260	MSV/4558		
257794028	**SB-5d17**	EPA 8260	MSV/4558		
257794029	**SB-5d20**	EPA 8260	MSV/4558		
257794030	**SB-5d25**	EPA 8260	MSV/4558		
257794031	**SB-5d30**	EPA 8260	MSV/4558		
257794032	**SB-5d35**	EPA 8260	MSV/4558		
257794033	**SB-5d40**	EPA 8260	MSV/4558		
257794034	**MW-17Bd5**	EPA 8260	MSV/4558		
257794035	**MW-17Bd10**	EPA 8260	MSV/4558		
257794036	**MW-17Bd15**	EPA 8260	MSV/4574		
257794037	**MW-17Bd17**	EPA 8260	MSV/4558		
257794038	**MW-17Bd20**	EPA 8260	MSV/4574		
257794039	**MW-17Bd25**	EPA 8260	MSV/4574		
257794040	**MW-17Bd30**	EPA 8260	MSV/4574		
257794041	**SB-7d10**	EPA 8260	MSV/4526		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 256390
Pace Project No.: 257794

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
257794042	**SB-7d15**	EPA 8260	MSV/4526		
257794015	**SB-7d17**	CA LUFT	MSV/4564	CA LUFT	MSV/4585
257794016	**SB-7d20**	CA LUFT	MSV/4564	CA LUFT	MSV/4585
257794042	**SB-7d15**	CA LUFT	MSV/4564	CA LUFT	MSV/4585
257794002	**SB-1d10**	CA LUFT	MSV/4532		
257794003	**SB-1d5**	CA LUFT	MSV/4532		
257794004	**SB-1d20**	CA LUFT	MSV/4532		
257794005	**SB-1d25**	CA LUFT	MSV/4532		
257794007	**SB-3d5**	CA LUFT	MSV/4532		
257794008	**SB-3d10**	CA LUFT	MSV/4532		
257794009	**SB-3d15**	CA LUFT	MSV/4532		
257794010	**SB-3d17**	CA LUFT	MSV/4532		
257794011	**SB-3d20**	CA LUFT	MSV/4532		
257794012	**SB-3d25**	CA LUFT	MSV/4532		
257794017	**SB-7d25**	CA LUFT	MSV/4532		
257794018	**SB-3d30**	CA LUFT	MSV/4559		
257794019	**SB-4d10**	CA LUFT	MSV/4559		
257794020	**SB-4d15**	CA LUFT	MSV/4559		
257794021	**SB-4d17**	CA LUFT	MSV/4559		
257794022	**SB-4d20**	CA LUFT	MSV/4559		
257794023	**SB-4d24**	CA LUFT	MSV/4559		
257794024	**SB-4d30**	CA LUFT	MSV/4559		
257794025	**SB-5d5**	CA LUFT	MSV/4559		
257794026	**SB-5d10**	CA LUFT	MSV/4559		
257794027	**SB-5d15**	CA LUFT	MSV/4559		
257794028	**SB-5d17**	CA LUFT	MSV/4559		
257794029	**SB-5d20**	CA LUFT	MSV/4559		
257794030	**SB-5d25**	CA LUFT	MSV/4559		
257794031	**SB-5d30**	CA LUFT	MSV/4559		
257794032	**SB-5d35**	CA LUFT	MSV/4559		
257794033	**SB-5d40**	CA LUFT	MSV/4559		
257794034	**MW-17Bd5**	CA LUFT	MSV/4559		
257794035	**MW-17Bd10**	CA LUFT	MSV/4559		
257794036	**MW-17Bd15**	CA LUFT	MSV/4588		
257794037	**MW-17Bd17**	CA LUFT	MSV/4559		
257794038	**MW-17Bd20**	CA LUFT	MSV/4588		
257794039	**MW-17Bd25**	CA LUFT	MSV/4588		
257794040	**MW-17Bd30**	CA LUFT	MSV/4588		
257794041	**SB-7d10**	CA LUFT	MSV/4532		
257794001	**SB-1**	CA LUFT	MSV/4565		
257794006	**SB-3**	CA LUFT	MSV/4565		
257794013	**SB-4**	CA LUFT	MSV/4592		
257794014	**SB-7**	CA LUFT	MSV/4592		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

257794

Page: 1 of 4

1467776

Section A Required Client Information:

Company: Antea Group
Address: 312 Piercy Road
San Jose, CA
Email To: doug.umland@anteagroup.com
Phone: 408-826-8714 Fax:
Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: Doug Umland
Copy To: evan.chantikian@anteagroup.com
Purchase Order No.:
Project Name: 140256390
Project Number:

Section C Invoice Information:

Attention: Doug Umland
Company Name: Antea Group
Address: 312 Piercy Road, San Jose, CA
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 22479 Lines 1 & 2

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: CA

Requested Analysis Filtered (Y/N)

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N: GRO CA LUFT/MS	8260 PCE	8260 BTEX, MTBE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-1	WT	G			5/18/11	0900		6				✓					✓	✓	✓		
2	SB-1@10	SL					0712		1													
3	SB-1@5	↓					0710		1													
4	SB-1@20						0720		1													
5	SB-1@25	↓					0721		1													
6	SB-3	WT	G				1150		6				✓									
7	SB-3@5						1010		1													
8	SB-3@10						1014		1													
9	SB-3@15						1015		1													
10	SB-3@17						1025		1													
11	SB-3@20						1027		1													
12	SB-3@25						1032		1													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Rush GW Samples likely Silted up	Evan Chantikian/Antea	5/20/11	1200							
	Fedex	5/21/11	1020	Jyothi Swamy/PACE	5/21/11	1020	0.4	Y	N	Y
760810063 2							3.4	Y	N	N

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Evan Chantikian
SIGNATURE of SAMPLER: Evan Chantikian
DATE Signed (MM/DD/YY): 05/19/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

257794

Page: 2 of 4

1467775

Section A Required Client Information:

Company: Antea GROUP
Address: 3R Pierce Road
San Jose, CA
Email To: Doug.Umland@anteagroup.com
Phone: Fax:
Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: Doug Umland
Copy To: Evan.Chantiklan@anteagroup.com
Purchase Order No.:
Project Name: 40256390
Project Number:

Section C Invoice Information:

Attention: Doug Umland
Company Name: Antea GROUP
Address: 3R Pierce Road
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: CA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / , - ; Sample IDs MUST BE UNIQUE)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): (1) GRO CA LUFT/MTBE; (2) BTEX 8260B PLE; (3) 8260B MTBE, ISTEX	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-4			5/18/11	1350				6				✓						X X X		
2	SB-7			5/19/11	1600				6				✓								
3	SB-7@10			5/17/11	1515				1	✓											
4	SB-7@15			5/17/11	1317				1	✓											
5	SB-7@17			5/18/11	1440				1												
6	SB-7@20			5/18/11	1445				1												
7	SB-7@25			5/18/11	1447				1												
8	SB-3@30			5/19/11	1042				1												
9	SB-4@10				1235				1												
10	SB-4@15				1240				1												
11	SB-4@17				1242				1												
12	SB-4@20				1245				1												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Short hold on water samples		5/20/11	1200						N/A	
Silty	Fedex	5/21/11	1020	Jgo the Swing/PACE	5/21/11	1020	0.4	Y	Y N	Y
TOB08100632							3.4	Y	Y N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Evan Chantiklan
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 05/19/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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257794

Page: 3 of 4

1338419

Section A Required Client Information:

Company: Antea Group
Address: 312 Pierce Road
San Jose, CA
Email To: Doug.Umland@anteagroup.com
Phone: Fax:
Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: Doug Umland
Copy To: evan.chantikian@anteagroup.com
Purchase Order No.:
Project Name: 140256390
Project Number:

Section C Invoice Information:

Attention: Doug Umland
Company Name: Antea Group
Address: 312 Pierce Road
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: CA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-4@24	SL		5/19/11	1312		1									X	X		
2	SB-4@30			5/19/11	1315		1												
3	SB-5@ 5			5/19/11	0718		1												
4	SB-5@ 10			5/19/11	0750		1												
5	SB-5@ 15				0755		1												
6	SB-5@ 17				0805		1												
7	SB-5@ 20				0906		1												
8	SB-5@ 25				0811		1												
9	SB-5@ 30				0817		1												
10	SB-5@ 35				0910		1												
11	SB-5@ 40				[illegible]		1												
12	MW-17B@5				1005		1												

Analysis Test: X GRO & DRO by 8015B; X BTEX MTBE by 8260B; X PCE by 8260B

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
T0608100632	Evan Chantikian/Antea	5/20/11	1200							
	Fedex	5/21/11	1020	Jyothi Swamy/PACE	5/21/11	1020	0.4	Y	N	Y
							3.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Evan Chantikian

SIGNATURE of SAMPLER: Evan Chantikian DATE Signed (MM/DD/YY): 05/19/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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257794

Page: 4 of 4

1438486

Section A Required Client Information:

Company: Antea Group

Address: 312 Piercy Road, San Jose, CA

Email To: Doug.Umland@anteagroup.com

Phone: Fax:

Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: Doug Umland

Copy To: evan.chantikian@anteagroup.com

Purchase Order No.:

Project Name: 1402563910

Project Number:

Section C Invoice Information:

Attention: Doug Umland

Company Name: Antea Group

Address: 312 Piercy Road

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: CA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260B Lubf GC/MS, 8260B BTEX,MTBE, 8260B PCE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-17B(a) 10	SL					1									X	X		
2	MW-17B(a) 15				1015		1												
3	MW-17B(a) 17				1016		1												
4	MW-17B(a) 20				1018		1												
5	MW-17B(a) 25				1030		1												
6	MW-17B(a) 30			5/19/11	1042		1										X		
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
T0608100632	Evan Chantikian/Antea	5/20/11	1200							
	Fedex	5/21/11	1020	Jyothi Swamy/PACE	5/21/11	1020	0.4	Y	N	Y
							3.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Evan Chantikian

SIGNATURE of SAMPLER: Evan Chantikian

DATE Signed (MM/DD/YY): 05/19/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

257794

Sample Container Count

CLIENT: Antea

Pace Analytical

COC PAGE 1 of 4
COC ID# 1467776

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	sleeve			Comments
1	6											—			
2												1			
3												1			
4												1			
5												1			
6	6											—			
7												1			
8												↓			
9															
10															
11															
12												↓			Trip Blank? No

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic	JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic	R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac	U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic	VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic	VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic	VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial	VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial	WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial	WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial	ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial		
BP2O	500mL NaOH plastic		I	Wipe/Swab		

257794

Sample Container Count

CLIENT: Antea

COC PAGE 2 of 4
COC ID# 1467775

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	sleeve			Comments
1	6											—			
2	6											—			
3												1			
4															
5															
6															
7															
8															
9															
10															
11															
12															Trip Blank? NO

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Container Count

257794

Pace Analytical

CLIENT: Antea

COC PAGE 3 of 4

COC ID# 133819

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	sleeve			Comments
1												1			
2												↓			
3															
4															
5															
6															
7															
8															
9															
10															
11															
12												↓			Trip Blank? No

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Container Count

257794

CLIENT: Antea

COC PAGE 4 of 4
COC ID# 1478486

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	sleeve			Comments
1												1			
2												1			
3												1			
4												1			
5												1			
6												1			
7															
8															
9															
10															
11															
12															Trip Blank? N.

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Condition Upon Receipt

Pace Analytical

Client Name: Antea Project # 257794

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8726 5346 7826, 7790

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____ Temp. Blank: (Yes) ____ No ____

Thermometer Used: 132013 or 101731962 or 226095 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 0.4, 3.4C Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C

Date and Initials of person examining contents: NB 5/24/11

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Follow Up / Hold Analysis Requested:	☐Yes	☑No	☐N/A	8.
Sufficient Volume:	☐Yes	☑No	☐N/A	9. NO volume for SB-7@10 & SB-7@15
Correct Containers Used	☑Yes	☐No	☐N/A	10. ~~Sleeves received for all soils.~~
-Pace Containers Used:	☑Yes	☑No	☐N/A	Soils received in sleeves. RSM 5/23/11
Containers Intact:	☑Yes	☐No	☐N/A	11.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	12.
Sample Labels match COC:	☑Yes	☐No	☐N/A	13.
-(Includes date/time/ID/Analysis Matrix: Soil, Water				
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	
Exceptions: VOA, coliform, TOC, O&G				Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	15.
Headspace in VOA Vials (>5mm):	☐Yes	☑No	☐N/A	16. All VOA vials received with sediment.
Trip Blanks Present:	☐Yes	☑No	☐N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Evan L. & Doug U. Date/Time: 5/23/11 11:55

Comments/ Resolution:

Notified client via email of missing samples.

Per Evan - Missing sleeves are in fridge @ Antea office. will ship to Pace for delivery 05/24/11. RSM

Replace @ Symbols w/d per Evan. RSM

Project Manager Review: RSM Date: 05/23/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

257794

Page: 2 of 4

1467775

Section A Required Client Information:

Company: Antea Group
Address: 312 Piercy Road
San Jose, CA
Email To: Doug.Umland@anteagroup.com
Phone: Fax:
Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: Doug Umland
Copy To: evan.Chaitkin@anteagroup.com
Purchase Order No.:
Project Name: 140256390
Project Number:

Section C Invoice Information:

Attention: Doug Umland
Company Name: Antea GROUP
Address: 312 Piercy Road
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: CA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓: 6RO CA LUFT/mtbe	8260B Full	8260B MTBE, ETBE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-4					5/19/11	1350		6				✓					X	X	X			
2	SB-7					5/19/11	1600		6				✓										
3	SB-7@10					5/17/11	1515		1	✓													
4	SB-7@15					5/17/11	1517		1	✓													
5	SB-7@17					5/18/11	1440		1														
6	SB-7@20					5/19/11	1445		1														
7	SB-7@25					5/19/11	1447		1														
8	SB-3@30					5/19/11	1042		1														
9	SB-4@10						1235		1														
10	SB-4@15						1240		1														
11	SB-4@17						1242		1														
12	SB-4@20						1245		1														

received 05/24/11 RSM

received 05/21/11 RSM

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
short hold on water samples	[signature] / Antea	5/20/11	1700							
silty	Fedex	5/24/11	0905	Jyothy Sway/PACE	5/24/11	0905	4.8	4	4	4
TDL 08100632				received SB-7@10, SB-7@15						

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Evan Chaitkin

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 05/19/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Container Count

CLIENT: Antea

Pace Analytical

COC PAGE 1 of 1
COC ID# 1467775

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	Sleeve			Comments
1												1			
2												1			
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															Trip Blank? No

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Condition Upon Receipt

Pace Analytical

Client Name: Antea Project #

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other

Tracking #: 8726 5346 7815

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other Temp. Blank Yes No ✓

Thermometer Used 133013 or 101731952 or 228099 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 4.8c Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C Comments:

Date and Initials of person examining contents: 052411 CW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.	
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.	
Follow Up / Hold Analysis Requested:	☐Yes ☑No ☐N/A	8.	
Sufficient Volume:	☑Yes ☐No ☐N/A	9.	
Correct Containers Used	☐Yes ☑No ☐N/A	10. Rcvd in plastic sleeve	
-Pace Containers Used	☐Yes ☑No ☐N/A		
Containers Intact:	☑Yes ☐No ☐N/A	11.	
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	12.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	13.	
-Includes date/time/ID/Analysis Matrix: SL			
All containers needing preservation have been checked	☐Yes ☐No ☑N/A	14.	
All containers needing preservation are found to be in compliance with EPA recommendation	☐Yes ☐No ☑N/A		
Exceptions: VOA, coliform, TOC, O&G		Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	15.	
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	16.	
Trip Blanks Present:	☐Yes ☐No ☑N/A	17.	
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted Date/Time:

Comments/ Resolution:

SB-7@10 and SB-7@15 received separately from the rest of the samples. RSM

Project Manager Review: RSM Date: 05/24/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Is the Data Valid? (circle) Yes	Preservation Temperature (if Known): 0.4, 3.4, 4.8 °C

Lab Validation Sheet

Project/Client: ___ELT_____
Project #: ___I40256390 - 0001__
Date of Validation: 6/28/2011 **Date of Analysis:** 5/25-6/1/2011 **Sample Date:** 5/17-5/19/2011
Completed By: Evan Chantikian **Signature:** Evan Chantikian
Analytical Lab Used and Report # (if any): _PACE - 257794_

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	NA
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)? Multiple MS/MSD sample pairs exceeded acceptable recover range. The data was accepted based on laboratory control samples.	No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)? Noted by data qualifier D6, the RPD was 49 for TBA in the MS/MSD 72635/72636	No

If any answer is no, explain why and what corrective action was taken:

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

June 23, 2011

Doug Umland
Antea USA
312 Piercy Rd
San Jose, CA 95138

RE: Project: 256390
Pace Project No.: 258039

Dear Doug Umland:
Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Regina SteMarie

regina.stemarie@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, Antea USA
Dennis Dettloff, Antea USA
Jonathon Fillingame, Antea USA
Lia Holden, Antea USA
Dan Keltner, Antea USA
Josh Mahoney, Antea USA
Tony Perini, Antea USA
Nicole Persaud, Antea USA
Don Pinkerton, Antea USA
Ed Weyrens, Antea USA

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CERTIFICATIONS

Project: 256390
Pace Project No.: 258039

Washington Certification IDs

940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Alaska Drinking Water VOC Certification #: WA01230
Alaska Drinking Water Micro Certification #: WA01230
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C1229

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SAMPLE ANALYTE COUNT

Project: 256390
Pace Project No.: 258039

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
258039001	**MW-17B**	EPA 5030B/8260	ATH	22	PASI-S
		CA LUFT	LPM	2	PASI-S
258039002	**SB-6**	EPA 5030B/8260	LNH	22	PASI-S
		CA LUFT	LNH	2	PASI-S
258039003	**SB-6d6**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
258039004	**SB-6d10**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
258039005	**SB-6d15**	EPA 8260	LPM	7	PASI-S
		EPA 8260	LPM	19	PASI-S
		CA LUFT	LPM	2	PASI-S
258039006	**SB-6d17**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
258039007	**SB-6d20**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
258039008	**SB-6d25**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S
258039009	**SB-6d30**	EPA 8260	LPM	22	PASI-S
		CA LUFT	LPM	2	PASI-S

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HITS ONLY

Project: 256390
Pace Project No.: 258039

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
258039001	**MW-17B**					
EPA 5030B/8260	Chloroform	1.0	ug/L	1.0	06/16/11 18:49	
EPA 5030B/8260	Tetrachloroethene	9.3	ug/L	1.0	06/16/11 18:49	
258039002	**SB-6**					
EPA 5030B/8260	Benzene	40.5	ug/L	0.50	06/16/11 12:25	
EPA 5030B/8260	Chloroform	2.2	ug/L	1.0	06/16/11 12:25	
EPA 5030B/8260	1,2-Dichloroethene (Total)	16.2	ug/L	2.0	06/16/11 12:25	
EPA 5030B/8260	cis-1,2-Dichloroethene	16.2	ug/L	1.0	06/16/11 12:25	
EPA 5030B/8260	Ethylbenzene	1420	ug/L	5.0	06/16/11 09:45	
EPA 5030B/8260	Methyl-tert-butyl ether	1.5	ug/L	0.50	06/16/11 12:25	
EPA 5030B/8260	Tetrachloroethene	103	ug/L	1.0	06/16/11 12:25	
EPA 5030B/8260	Toluene	1230	ug/L	5.0	06/16/11 09:45	
EPA 5030B/8260	Trichloroethene	15.2	ug/L	1.0	06/16/11 12:25	
EPA 5030B/8260	Xylene (Total)	7430	ug/L	15.0	06/16/11 09:45	
CA LUFT	TPH-Gasoline (C05-C12)	45800	ug/L	500	06/16/11 09:45	M1
258039005	**SB-6d15**					
EPA 8260	Ethylbenzene	1.6	mg/kg	0.052	06/20/11 11:28	
EPA 8260	Toluene	2.4	mg/kg	0.052	06/20/11 11:28	
EPA 8260	Xylene (Total)	9.1	mg/kg	0.16	06/20/11 11:28	
EPA 8260	Benzene	0.087	mg/kg	0.0023	06/16/11 12:53	
EPA 8260	Methyl-tert-butyl ether	0.0099	mg/kg	0.0023	06/16/11 12:53	
EPA 8260	Tetrachloroethene	0.0052	mg/kg	0.0023	06/16/11 12:53	
CA LUFT	TPH-Gasoline (C05-C12)	57.4	mg/kg	2.6	06/20/11 11:28	
258039006	**SB-6d17**					
EPA 8260	Ethylbenzene	0.087	mg/kg	0.0024	06/16/11 19:10	
EPA 8260	Xylene (Total)	0.42	mg/kg	0.0073	06/16/11 19:10	
CA LUFT	TPH-Gasoline (C05-C12)	21.6	mg/kg	2.2	06/20/11 11:11	
258039007	**SB-6d20**					
EPA 8260	Ethylbenzene	0.0026	mg/kg	0.0024	06/16/11 18:53	
EPA 8260	Tetrachloroethene	0.031	mg/kg	0.0024	06/16/11 18:53	
EPA 8260	Xylene (Total)	0.014	mg/kg	0.0073	06/16/11 18:53	
CA LUFT	TPH-Gasoline (C05-C12)	0.21	mg/kg	0.20	06/16/11 18:53	
258039008	**SB-6d25**					
EPA 8260	Tetrachloroethene	0.0097	mg/kg	0.0030	06/16/11 12:19	
258039009	**SB-6d30**					
EPA 8260	Tetrachloroethene	0.015	mg/kg	0.0028	06/16/11 12:36	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: MW-17B **Lab ID: 258039001** Collected: 06/07/11 15:30 Received: 06/09/11 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/16/11 18:49	994-05-8	
Benzene	ND	ug/L	0.50	1		06/16/11 18:49	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/16/11 18:49	75-65-0	
Chloroform	**1.0**	ug/L	1.0	1		06/16/11 18:49	67-66-3	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/16/11 18:49	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/16/11 18:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/16/11 18:49	540-59-0	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/16/11 18:49	156-59-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/16/11 18:49	108-20-3	
Ethanol	ND	ug/L	250	1		06/16/11 18:49	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/16/11 18:49	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/16/11 18:49	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/16/11 18:49	1634-04-4	
Tetrachloroethene	**9.3**	ug/L	1.0	1		06/16/11 18:49	127-18-4	
Toluene	ND	ug/L	0.50	1		06/16/11 18:49	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		06/16/11 18:49	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/16/11 18:49	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		06/16/11 18:49	1330-20-7	
4-Bromofluorobenzene (S)	98	%	80-120	1		06/16/11 18:49	460-00-4	
Dibromofluoromethane (S)	100	%	80-122	1		06/16/11 18:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	80-124	1		06/16/11 18:49	17060-07-0	
Toluene-d8 (S)	97	%	80-123	1		06/16/11 18:49	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/13/11 17:54		
4-Bromofluorobenzene (S)	100	%	82-116	1		06/13/11 17:54	460-00-4	

Sample: SB-6 **Lab ID: 258039002** Collected: 06/07/11 13:15 Received: 06/09/11 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/16/11 12:25	994-05-8	
Benzene	**40.5**	ug/L	0.50	1		06/16/11 12:25	71-43-2	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/16/11 12:25	75-65-0	
Chloroform	**2.2**	ug/L	1.0	1		06/16/11 12:25	67-66-3	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/16/11 12:25	106-93-4	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/16/11 12:25	107-06-2	
1,2-Dichloroethene (Total)	**16.2**	ug/L	2.0	1		06/16/11 12:25	540-59-0	
cis-1,2-Dichloroethene	**16.2**	ug/L	1.0	1		06/16/11 12:25	156-59-2	
Diisopropyl ether	ND	ug/L	0.50	1		06/16/11 12:25	108-20-3	
Ethanol	ND	ug/L	250	1		06/16/11 12:25	64-17-5	
Ethylbenzene	**1420**	ug/L	5.0	10		06/16/11 09:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/16/11 12:25	637-92-3	
Methyl-tert-butyl ether	**1.5**	ug/L	0.50	1		06/16/11 12:25	1634-04-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: SB-6 **Lab ID: 258039002** Collected: 06/07/11 13:15 Received: 06/09/11 08:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Tetrachloroethene	**103**	ug/L	1.0	1		06/16/11 12:25	127-18-4	
Toluene	**1230**	ug/L	5.0	10		06/16/11 09:45	108-88-3	
Trichloroethene	**15.2**	ug/L	1.0	1		06/16/11 12:25	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/16/11 12:25	75-01-4	
Xylene (Total)	**7430**	ug/L	15.0	10		06/16/11 09:45	1330-20-7	
4-Bromofluorobenzene (S)	100	%	80-120	1		06/16/11 12:25	460-00-4	
Dibromofluoromethane (S)	105	%	80-122	1		06/16/11 12:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	80-124	1		06/16/11 12:25	17060-07-0	
Toluene-d8 (S)	97	%	80-123	1		06/16/11 12:25	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**45800**	ug/L	500	10		06/16/11 09:45		M1
4-Bromofluorobenzene (S)	96	%	82-116	10		06/16/11 09:45	460-00-4	

Sample: SB-6d6 **Lab ID: 258039003** Collected: 06/07/11 11:19 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0042	1		06/16/11 11:45	994-05-8	
Benzene	ND	mg/kg	0.0042	1		06/16/11 11:45	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.021	1		06/16/11 11:45	75-65-0	
Chloroform	ND	mg/kg	0.0042	1		06/16/11 11:45	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		06/16/11 11:45	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		06/16/11 11:45	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0085	1		06/16/11 11:45	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		06/16/11 11:45	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0042	1		06/16/11 11:45	108-20-3	
Ethanol	ND	mg/kg	0.57	1		06/16/11 11:45	64-17-5	
Ethylbenzene	ND	mg/kg	0.0042	1		06/16/11 11:45	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0042	1		06/16/11 11:45	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		06/16/11 11:45	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0042	1		06/16/11 11:45	127-18-4	
Toluene	ND	mg/kg	0.0042	1		06/16/11 11:45	108-88-3	
Trichloroethene	ND	mg/kg	0.0042	1		06/16/11 11:45	79-01-6	
Vinyl chloride	ND	mg/kg	0.0042	1		06/16/11 11:45	75-01-4	
Xylene (Total)	ND	mg/kg	0.013	1		06/16/11 11:45	1330-20-7	
Dibromofluoromethane (S)	99	%	80-136	1		06/16/11 11:45	1868-53-7	
Toluene-d8 (S)	103	%	80-120	1		06/16/11 11:45	2037-26-5	
4-Bromofluorobenzene (S)	106	%	72-122	1		06/16/11 11:45	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	80-143	1		06/16/11 11:45	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.35	1		06/16/11 11:45		

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Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: SB-6d6 **Lab ID: 258039003** Collected: 06/07/11 11:19 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
4-Bromofluorobenzene (S)	106	%	72-122	1		06/16/11 11:45	460-00-4	

Sample: SB-6d10 **Lab ID: 258039004** Collected: 06/07/11 11:23 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0030	1		06/16/11 12:02	994-05-8	
Benzene	ND	mg/kg	0.0030	1		06/16/11 12:02	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.015	1		06/16/11 12:02	75-65-0	
Chloroform	ND	mg/kg	0.0030	1		06/16/11 12:02	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0030	1		06/16/11 12:02	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0030	1		06/16/11 12:02	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0060	1		06/16/11 12:02	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0030	1		06/16/11 12:02	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0030	1		06/16/11 12:02	108-20-3	
Ethanol	ND	mg/kg	0.40	1		06/16/11 12:02	64-17-5	
Ethylbenzene	ND	mg/kg	0.0030	1		06/16/11 12:02	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0030	1		06/16/11 12:02	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0030	1		06/16/11 12:02	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0030	1		06/16/11 12:02	127-18-4	
Toluene	ND	mg/kg	0.0030	1		06/16/11 12:02	108-88-3	
Trichloroethene	ND	mg/kg	0.0030	1		06/16/11 12:02	79-01-6	
Vinyl chloride	ND	mg/kg	0.0030	1		06/16/11 12:02	75-01-4	
Xylene (Total)	ND	mg/kg	0.0089	1		06/16/11 12:02	1330-20-7	
Dibromofluoromethane (S)	98	%	80-136	1		06/16/11 12:02	1868-53-7	
Toluene-d8 (S)	104	%	80-120	1		06/16/11 12:02	2037-26-5	
4-Bromofluorobenzene (S)	106	%	72-122	1		06/16/11 12:02	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	80-143	1		06/16/11 12:02	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.25	1		06/16/11 12:02		
4-Bromofluorobenzene (S)	106	%	72-122	1		06/16/11 12:02	460-00-4	

Sample: SB-6d15 **Lab ID: 258039005** Collected: 06/07/11 11:29 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level VOA	Analytical Method: EPA 8260 Preparation Method: EPA 5030							
Ethylbenzene	**1.6**	mg/kg	0.052	1	06/20/11 07:00	06/20/11 11:28	100-41-4	
Toluene	**2.4**	mg/kg	0.052	1	06/20/11 07:00	06/20/11 11:28	108-88-3	
Xylene (Total)	**9.1**	mg/kg	0.16	1	06/20/11 07:00	06/20/11 11:28	1330-20-7	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: SB-6d15 **Lab ID: 258039005** Collected: 06/07/11 11:29 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level VOA	Analytical Method: EPA 8260 Preparation Method: EPA 5030							
Dibromofluoromethane (S)	94	%	81-114	1	06/20/11 07:00	06/20/11 11:28	1868-53-7	
Toluene-d8 (S)	101	%	84-121	1	06/20/11 07:00	06/20/11 11:28	2037-26-5	
4-Bromofluorobenzene (S)	98	%	78-127	1	06/20/11 07:00	06/20/11 11:28	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	76-115	1	06/20/11 07:00	06/20/11 11:28	17060-07-0	
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0023	1		06/16/11 12:53	994-05-8	
Benzene	**0.087**	mg/kg	0.0023	1		06/16/11 12:53	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		06/16/11 12:53	75-65-0	
Chloroform	ND	mg/kg	0.0023	1		06/16/11 12:53	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0023	1		06/16/11 12:53	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0023	1		06/16/11 12:53	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0047	1		06/16/11 12:53	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1		06/16/11 12:53	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0023	1		06/16/11 12:53	108-20-3	
Ethanol	ND	mg/kg	0.31	1		06/16/11 12:53	64-17-5	
Ethyl-tert-butyl ether	ND	mg/kg	0.0023	1		06/16/11 12:53	637-92-3	
Methyl-tert-butyl ether	**0.0099**	mg/kg	0.0023	1		06/16/11 12:53	1634-04-4	
Tetrachloroethene	**0.0052**	mg/kg	0.0023	1		06/16/11 12:53	127-18-4	
Trichloroethene	ND	mg/kg	0.0023	1		06/16/11 12:53	79-01-6	
Vinyl chloride	ND	mg/kg	0.0023	1		06/16/11 12:53	75-01-4	
Dibromofluoromethane (S)	98	%	80-136	1		06/16/11 12:53	1868-53-7	
Toluene-d8 (S)	105	%	80-120	1		06/16/11 12:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%	72-122	1		06/16/11 12:53	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	80-143	1		06/16/11 12:53	17060-07-0	
CA LUFT MSV GRO Medium Soil	Analytical Method: CA LUFT Preparation Method: CA LUFT							
TPH-Gasoline (C05-C12)	**57.4**	mg/kg	2.6	1	06/20/11 08:00	06/20/11 11:28		
4-Bromofluorobenzene (S)	98	%	72-122	1	06/20/11 08:00	06/20/11 11:28	460-00-4	

Sample: SB-6d17 **Lab ID: 258039006** Collected: 06/07/11 11:32 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		06/16/11 19:10	994-05-8	
Benzene	ND	mg/kg	0.0024	1		06/16/11 19:10	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		06/16/11 19:10	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		06/16/11 19:10	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		06/16/11 19:10	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		06/16/11 19:10	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0049	1		06/16/11 19:10	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		06/16/11 19:10	156-59-2	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: SB-6d17 **Lab ID: 258039006** Collected: 06/07/11 11:32 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
Diisopropyl ether	ND	mg/kg	0.0024	1		06/16/11 19:10	108-20-3	
Ethanol	ND	mg/kg	0.32	1		06/16/11 19:10	64-17-5	
Ethylbenzene	**0.087**	mg/kg	0.0024	1		06/16/11 19:10	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		06/16/11 19:10	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		06/16/11 19:10	1634-04-4	
Tetrachloroethene	ND	mg/kg	0.0024	1		06/16/11 19:10	127-18-4	
Toluene	ND	mg/kg	0.0024	1		06/16/11 19:10	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		06/16/11 19:10	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		06/16/11 19:10	75-01-4	
Xylene (Total)	**0.42**	mg/kg	0.0073	1		06/16/11 19:10	1330-20-7	
Dibromofluoromethane (S)	99	%	80-136	1		06/16/11 19:10	1868-53-7	
Toluene-d8 (S)	101	%	80-120	1		06/16/11 19:10	2037-26-5	
4-Bromofluorobenzene (S)	102	%	72-122	1		06/16/11 19:10	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	80-143	1		06/16/11 19:10	17060-07-0	
CA LUFT MSV GRO Medium Soil	Analytical Method: CA LUFT Preparation Method: CA LUFT							
TPH-Gasoline (C05-C12)	**21.6**	mg/kg	2.2	1	06/20/11 08:00	06/20/11 11:11		
4-Bromofluorobenzene (S)	99	%	72-122	1	06/20/11 08:00	06/20/11 11:11	460-00-4	

Sample: SB-6d20 **Lab ID: 258039007** Collected: 06/07/11 11:55 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0024	1		06/16/11 18:53	994-05-8	
Benzene	ND	mg/kg	0.0024	1		06/16/11 18:53	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.012	1		06/16/11 18:53	75-65-0	
Chloroform	ND	mg/kg	0.0024	1		06/16/11 18:53	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0024	1		06/16/11 18:53	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0024	1		06/16/11 18:53	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0049	1		06/16/11 18:53	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1		06/16/11 18:53	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0024	1		06/16/11 18:53	108-20-3	
Ethanol	ND	mg/kg	0.33	1		06/16/11 18:53	64-17-5	
Ethylbenzene	**0.0026**	mg/kg	0.0024	1		06/16/11 18:53	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0024	1		06/16/11 18:53	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0024	1		06/16/11 18:53	1634-04-4	
Tetrachloroethene	**0.031**	mg/kg	0.0024	1		06/16/11 18:53	127-18-4	
Toluene	ND	mg/kg	0.0024	1		06/16/11 18:53	108-88-3	
Trichloroethene	ND	mg/kg	0.0024	1		06/16/11 18:53	79-01-6	
Vinyl chloride	ND	mg/kg	0.0024	1		06/16/11 18:53	75-01-4	
Xylene (Total)	**0.014**	mg/kg	0.0073	1		06/16/11 18:53	1330-20-7	
Dibromofluoromethane (S)	98	%	80-136	1		06/16/11 18:53	1868-53-7	
Toluene-d8 (S)	103	%	80-120	1		06/16/11 18:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: SB-6d20 **Lab ID: 258039007** Collected: 06/07/11 11:55 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
4-Bromofluorobenzene (S)	107	%	72-122	1		06/16/11 18:53	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-143	1		06/16/11 18:53	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**0.21**	mg/kg	0.20	1		06/16/11 18:53		
4-Bromofluorobenzene (S)	107	%	72-122	1		06/16/11 18:53	460-00-4	

Sample: SB-6d25 **Lab ID: 258039008** Collected: 06/07/11 12:00 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0030	1		06/16/11 12:19	994-05-8	
Benzene	ND	mg/kg	0.0030	1		06/16/11 12:19	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.015	1		06/16/11 12:19	75-65-0	
Chloroform	ND	mg/kg	0.0030	1		06/16/11 12:19	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0030	1		06/16/11 12:19	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0030	1		06/16/11 12:19	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0061	1		06/16/11 12:19	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0030	1		06/16/11 12:19	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0030	1		06/16/11 12:19	108-20-3	
Ethanol	ND	mg/kg	0.41	1		06/16/11 12:19	64-17-5	
Ethylbenzene	ND	mg/kg	0.0030	1		06/16/11 12:19	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0030	1		06/16/11 12:19	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0030	1		06/16/11 12:19	1634-04-4	
Tetrachloroethene	**0.0097**	mg/kg	0.0030	1		06/16/11 12:19	127-18-4	
Toluene	ND	mg/kg	0.0030	1		06/16/11 12:19	108-88-3	
Trichloroethene	ND	mg/kg	0.0030	1		06/16/11 12:19	79-01-6	
Vinyl chloride	ND	mg/kg	0.0030	1		06/16/11 12:19	75-01-4	
Xylene (Total)	ND	mg/kg	0.0091	1		06/16/11 12:19	1330-20-7	
Dibromofluoromethane (S)	97	%	80-136	1		06/16/11 12:19	1868-53-7	
Toluene-d8 (S)	104	%	80-120	1		06/16/11 12:19	2037-26-5	
4-Bromofluorobenzene (S)	107	%	72-122	1		06/16/11 12:19	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	80-143	1		06/16/11 12:19	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.25	1		06/16/11 12:19		
4-Bromofluorobenzene (S)	107	%	72-122	1		06/16/11 12:19	460-00-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 258039

Sample: SB-6d30 **Lab ID: 258039009** Collected: 06/07/11 12:10 Received: 06/09/11 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030	Analytical Method: EPA 8260							
tert-Amylmethyl ether	ND	mg/kg	0.0028	1		06/16/11 12:36	994-05-8	
Benzene	ND	mg/kg	0.0028	1		06/16/11 12:36	71-43-2	
tert-Butyl Alcohol	ND	mg/kg	0.014	1		06/16/11 12:36	75-65-0	
Chloroform	ND	mg/kg	0.0028	1		06/16/11 12:36	67-66-3	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0028	1		06/16/11 12:36	106-93-4	
1,2-Dichloroethane	ND	mg/kg	0.0028	1		06/16/11 12:36	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/kg	0.0057	1		06/16/11 12:36	540-59-0	
cis-1,2-Dichloroethene	ND	mg/kg	0.0028	1		06/16/11 12:36	156-59-2	
Diisopropyl ether	ND	mg/kg	0.0028	1		06/16/11 12:36	108-20-3	
Ethanol	ND	mg/kg	0.38	1		06/16/11 12:36	64-17-5	
Ethylbenzene	ND	mg/kg	0.0028	1		06/16/11 12:36	100-41-4	
Ethyl-tert-butyl ether	ND	mg/kg	0.0028	1		06/16/11 12:36	637-92-3	
Methyl-tert-butyl ether	ND	mg/kg	0.0028	1		06/16/11 12:36	1634-04-4	
Tetrachloroethene	**0.015**	mg/kg	0.0028	1		06/16/11 12:36	127-18-4	
Toluene	ND	mg/kg	0.0028	1		06/16/11 12:36	108-88-3	
Trichloroethene	ND	mg/kg	0.0028	1		06/16/11 12:36	79-01-6	
Vinyl chloride	ND	mg/kg	0.0028	1		06/16/11 12:36	75-01-4	
Xylene (Total)	ND	mg/kg	0.0085	1		06/16/11 12:36	1330-20-7	
Dibromofluoromethane (S)	99	%	80-136	1		06/16/11 12:36	1868-53-7	
Toluene-d8 (S)	102	%	80-120	1		06/16/11 12:36	2037-26-5	
4-Bromofluorobenzene (S)	106	%	72-122	1		06/16/11 12:36	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	80-143	1		06/16/11 12:36	17060-07-0	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	mg/kg	0.24	1		06/16/11 12:36		
4-Bromofluorobenzene (S)	106	%	72-122	1		06/16/11 12:36	460-00-4	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4708
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 258039002

METHOD BLANK: 74448 Matrix: Water
Associated Lab Samples: 258039002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/16/11 03:38	
1,2-Dichloroethane	ug/L	ND	1.0	06/16/11 03:38	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/16/11 03:38	
Benzene	ug/L	ND	0.50	06/16/11 03:38	
Chloroform	ug/L	ND	1.0	06/16/11 03:38	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/16/11 03:38	
Diisopropyl ether	ug/L	ND	0.50	06/16/11 03:38	
Ethanol	ug/L	ND	250	06/16/11 03:38	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/16/11 03:38	
Ethylbenzene	ug/L	ND	0.50	06/16/11 03:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/16/11 03:38	
tert-Amylmethyl ether	ug/L	ND	0.50	06/16/11 03:38	
tert-Butyl Alcohol	ug/L	ND	5.0	06/16/11 03:38	
Tetrachloroethene	ug/L	ND	1.0	06/16/11 03:38	
Toluene	ug/L	ND	0.50	06/16/11 03:38	
Trichloroethene	ug/L	ND	1.0	06/16/11 03:38	
Vinyl chloride	ug/L	ND	1.0	06/16/11 03:38	
Xylene (Total)	ug/L	ND	1.5	06/16/11 03:38	
1,2-Dichloroethane-d4 (S)	%	103	80-124	06/16/11 03:38	
4-Bromofluorobenzene (S)	%	99	80-120	06/16/11 03:38	
Dibromofluoromethane (S)	%	104	80-122	06/16/11 03:38	
Toluene-d8 (S)	%	93	80-123	06/16/11 03:38	

LABORATORY CONTROL SAMPLE: 74449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	21.5	107	73-124	
1,2-Dichloroethane	ug/L	20	23.1	115	78-125	
1,2-Dichloroethene (Total)	ug/L	40	45.7	114	77-136	
Benzene	ug/L	20	22.4	112	76-127	
Chloroform	ug/L	20	21.9	109	80-125	
cis-1,2-Dichloroethene	ug/L	20	23.4	117	80-135	
Diisopropyl ether	ug/L	20	23.3	116	70-137	
Ethanol	ug/L	800	1020	128	31-182	
Ethyl-tert-butyl ether	ug/L	20	23.0	115	70-137	
Ethylbenzene	ug/L	20	19.8	99	72-125	
Methyl-tert-butyl ether	ug/L	20	23.3	116	58-145	
tert-Amylmethyl ether	ug/L	20	22.8	114	71-133	
tert-Butyl Alcohol	ug/L	100	124	124	31-166	
Tetrachloroethene	ug/L	20	19.5	98	40-164	
Toluene	ug/L	20	19.3	96	69-125	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

LABORATORY CONTROL SAMPLE: 74449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	20	20.7	104	74-127	
Vinyl chloride	ug/L	20	17.8	89	57-147	
Xylene (Total)	ug/L	60	53.8	90	74-124	
1,2-Dichloroethane-d4 (S)	%			103	80-124	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			105	80-122	
Toluene-d8 (S)	%			95	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74580 74581

Parameter	Units	258078004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	22.5	112	112	78-117	.2	
1,2-Dichloroethane	ug/L	ND	20	20	24.6	25.3	123	127	73-127	3	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	49.9	50.6	125	127	60-140	1	
Benzene	ug/L	ND	20	20	24.4	24.8	122	124	75-124	2	
Chloroform	ug/L	ND	20	20	23.9	24.3	120	122	75-124	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.2	25.5	126	128	78-126	1	M1
Diisopropyl ether	ug/L	ND	20	20	25.0	25.2	125	126	69-130	1	
Ethanol	ug/L	ND	800	800	1000	1030	125	128	36-177	2	
Ethyl-tert-butyl ether	ug/L	ND	20	20	24.5	24.7	122	124	67-131	1	
Ethylbenzene	ug/L	ND	20	20	21.2	21.5	106	107	76-124	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	24.6	24.8	123	124	72-130	1	
tert-Amylmethyl ether	ug/L	ND	20	20	24.1	24.4	121	122	67-132	1	
tert-Butyl Alcohol	ug/L	ND	100	100	121	123	121	123	36-164	1	
Tetrachloroethene	ug/L	ND	20	20	20.2	20.8	101	104	70-127	3	
Toluene	ug/L	ND	20	20	20.2	20.6	101	103	75-124	2	
Trichloroethene	ug/L	ND	20	20	22.5	22.5	113	112	78-124	.2	
Vinyl chloride	ug/L	ND	20	20	19.8	19.8	99	99	56-136	.3	
Xylene (Total)	ug/L	ND	60	60	57.4	57.7	96	96	76-123	.6	
1,2-Dichloroethane-d4 (S)	%						101	103	80-124		
4-Bromofluorobenzene (S)	%						99	98	80-120		
Dibromofluoromethane (S)	%						106	106	80-122		
Toluene-d8 (S)	%						94	94	80-123		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4718
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 258039001

METHOD BLANK: 74659 Matrix: Water
Associated Lab Samples: 258039001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/16/11 16:29	
1,2-Dichloroethane	ug/L	ND	1.0	06/16/11 16:29	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/16/11 16:29	
Benzene	ug/L	ND	0.50	06/16/11 16:29	
Chloroform	ug/L	ND	1.0	06/16/11 16:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/16/11 16:29	
Diisopropyl ether	ug/L	ND	0.50	06/16/11 16:29	
Ethanol	ug/L	ND	250	06/16/11 16:29	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/16/11 16:29	
Ethylbenzene	ug/L	ND	0.50	06/16/11 16:29	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/16/11 16:29	
tert-Amylmethyl ether	ug/L	ND	0.50	06/16/11 16:29	
tert-Butyl Alcohol	ug/L	ND	5.0	06/16/11 16:29	
Tetrachloroethene	ug/L	ND	1.0	06/16/11 16:29	
Toluene	ug/L	ND	0.50	06/16/11 16:29	
Trichloroethene	ug/L	ND	1.0	06/16/11 16:29	
Vinyl chloride	ug/L	ND	1.0	06/16/11 16:29	
Xylene (Total)	ug/L	ND	1.5	06/16/11 16:29	
1,2-Dichloroethane-d4 (S)	%	103	80-124	06/16/11 16:29	
4-Bromofluorobenzene (S)	%	99	80-120	06/16/11 16:29	
Dibromofluoromethane (S)	%	100	80-122	06/16/11 16:29	
Toluene-d8 (S)	%	97	80-123	06/16/11 16:29	

LABORATORY CONTROL SAMPLE: 74660

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	21.5	108	73-124	
1,2-Dichloroethane	ug/L	20	22.6	113	78-125	
1,2-Dichloroethene (Total)	ug/L	40	45.4	114	77-136	
Benzene	ug/L	20	21.8	109	76-127	
Chloroform	ug/L	20	21.7	109	80-125	
cis-1,2-Dichloroethene	ug/L	20	22.9	115	80-135	
Diisopropyl ether	ug/L	20	22.9	114	70-137	
Ethanol	ug/L	800	976	122	31-182	
Ethyl-tert-butyl ether	ug/L	20	22.9	114	70-137	
Ethylbenzene	ug/L	20	20.1	100	72-125	
Methyl-tert-butyl ether	ug/L	20	23.2	116	58-145	
tert-Amylmethyl ether	ug/L	20	22.5	113	71-133	
tert-Butyl Alcohol	ug/L	100	120	120	31-166	
Tetrachloroethene	ug/L	20	19.3	97	40-164	
Toluene	ug/L	20	18.9	95	69-125	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

LABORATORY CONTROL SAMPLE: 74660

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	20	20.2	101	74-127	
Vinyl chloride	ug/L	20	17.3	87	57-147	
Xylene (Total)	ug/L	60	54.1	90	74-124	
1,2-Dichloroethane-d4 (S)	%			101	80-124	
4-Bromofluorobenzene (S)	%			99	80-120	
Dibromofluoromethane (S)	%			104	80-122	
Toluene-d8 (S)	%			94	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74662 74663

Parameter	Units	258086002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.4	21.8	97	109	78-117	12	
1,2-Dichloroethane	ug/L	ND	20	20	21.8	23.6	109	118	73-127	8	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	44.0	48.8	109	121	60-140	10	
Benzene	ug/L	ND	20	20	21.7	23.7	108	118	75-124	9	
Chloroform	ug/L	ND	20	20	20.6	23.1	103	115	75-124	11	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.1	24.7	108	121	78-126	11	
Diisopropyl ether	ug/L	ND	20	20	21.5	23.9	107	120	69-130	11	
Ethanol	ug/L	ND	800	800	816	858	102	107	36-177	5	
Ethyl-tert-butyl ether	ug/L	ND	20	20	21.1	23.7	105	118	67-131	12	
Ethylbenzene	ug/L	ND	20	20	19.2	21.2	96	106	76-124	10	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.0	23.4	105	117	72-130	11	
tert-Amylmethyl ether	ug/L	ND	20	20	20.9	23.5	104	117	67-132	12	
tert-Butyl Alcohol	ug/L	7.6	100	100	115	116	107	109	36-164	2	
Tetrachloroethene	ug/L	ND	20	20	19.1	20.8	96	104	70-127	8	
Toluene	ug/L	ND	20	20	18.6	20.3	92	101	75-124	9	
Trichloroethene	ug/L	ND	20	20	20.0	21.9	100	109	78-124	9	
Vinyl chloride	ug/L	ND	20	20	15.4	16.8	77	84	56-136	9	
Xylene (Total)	ug/L	ND	60	60	51.9	57.2	85	94	76-123	10	
1,2-Dichloroethane-d4 (S)	%						102	101	80-124		
4-Bromofluorobenzene (S)	%						98	97	80-120		
Dibromofluoromethane (S)	%						103	105	80-122		
Toluene-d8 (S)	%						96	96	80-123		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4731
QC Batch Method: EPA 5030
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5030 Medium Soil
Associated Lab Samples: 258039005

METHOD BLANK: 74854 Matrix: Solid
Associated Lab Samples: 258039005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	mg/kg	ND	0.050	06/20/11 09:46	
Toluene	mg/kg	ND	0.050	06/20/11 09:46	
Xylene (Total)	mg/kg	ND	0.15	06/20/11 09:46	
1,2-Dichloroethane-d4 (S)	%	89	76-115	06/20/11 09:46	
4-Bromofluorobenzene (S)	%	100	78-127	06/20/11 09:46	
Dibromofluoromethane (S)	%	93	81-114	06/20/11 09:46	
Toluene-d8 (S)	%	101	84-121	06/20/11 09:46	

LABORATORY CONTROL SAMPLE: 74855

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	mg/kg	1	1.0	103	74-120	
Toluene	mg/kg	1	1.0	100	70-121	
Xylene (Total)	mg/kg	3	3.1	103	76-120	
1,2-Dichloroethane-d4 (S)	%			90	76-115	
4-Bromofluorobenzene (S)	%			98	78-127	
Dibromofluoromethane (S)	%			98	81-114	
Toluene-d8 (S)	%			101	84-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74955 74956

Parameter	Units	258161001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Ethylbenzene	mg/kg	86.1 ug/kg	.49	.49	0.61	0.60	106	106	77-126	.1	
Toluene	mg/kg	30.9 ug/kg	.49	.49	0.54	0.54	104	104	77-124	.2	
Xylene (Total)	mg/kg	614 ug/kg	1.5	1.5	2.2	2.2	108	107	77-127	.4	
1,2-Dichloroethane-d4 (S)	%						89	90	76-115		
4-Bromofluorobenzene (S)	%						99	100	78-127		
Dibromofluoromethane (S)	%						96	96	81-114		
Toluene-d8 (S)	%						104	102	84-121		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4712 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5030 Volatile Organics
Associated Lab Samples: 258039003, 258039004, 258039005, 258039006, 258039007, 258039008, 258039009

METHOD BLANK: 74530 Matrix: Solid
Associated Lab Samples: 258039003, 258039004, 258039005, 258039006, 258039007, 258039008, 258039009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0030	06/16/11 11:28	
1,2-Dichloroethane	mg/kg	ND	0.0030	06/16/11 11:28	
1,2-Dichloroethene (Total)	mg/kg	ND	0.0060	06/16/11 11:28	
Benzene	mg/kg	ND	0.0030	06/16/11 11:28	
Chloroform	mg/kg	ND	0.0030	06/16/11 11:28	
cis-1,2-Dichloroethene	mg/kg	ND	0.0030	06/16/11 11:28	
Diisopropyl ether	mg/kg	ND	0.0030	06/16/11 11:28	
Ethanol	mg/kg	ND	0.40	06/16/11 11:28	
Ethyl-tert-butyl ether	mg/kg	ND	0.0030	06/16/11 11:28	
Ethylbenzene	mg/kg	ND	0.0030	06/16/11 11:28	
Methyl-tert-butyl ether	mg/kg	ND	0.0030	06/16/11 11:28	
tert-Amylmethyl ether	mg/kg	ND	0.0030	06/16/11 11:28	
tert-Butyl Alcohol	mg/kg	ND	0.015	06/16/11 11:28	
Tetrachloroethene	mg/kg	ND	0.0030	06/16/11 11:28	
Toluene	mg/kg	ND	0.0030	06/16/11 11:28	
Trichloroethene	mg/kg	ND	0.0030	06/16/11 11:28	
Vinyl chloride	mg/kg	ND	0.0030	06/16/11 11:28	
Xylene (Total)	mg/kg	ND	0.0090	06/16/11 11:28	
1,2-Dichloroethane-d4 (S)	%	101	80-143	06/16/11 11:28	
4-Bromofluorobenzene (S)	%	107	72-122	06/16/11 11:28	
Dibromofluoromethane (S)	%	99	80-136	06/16/11 11:28	
Toluene-d8 (S)	%	103	80-120	06/16/11 11:28	

LABORATORY CONTROL SAMPLE: 74531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	mg/kg	.05	0.046	92	71-123	
1,2-Dichloroethane	mg/kg	.05	0.045	89	70-124	
1,2-Dichloroethene (Total)	mg/kg	.1	0.096	96	69-138	
Benzene	mg/kg	.05	0.045	89	75-133	
Chloroform	mg/kg	.05	0.045	91	72-131	
cis-1,2-Dichloroethene	mg/kg	.05	0.048	95	76-132	
Diisopropyl ether	mg/kg	.05	0.044	87	63-139	
Ethanol	mg/kg	2	1.4	71	53-134	
Ethyl-tert-butyl ether	mg/kg	.05	0.045	90	63-135	
Ethylbenzene	mg/kg	.05	0.043	86	68-131	
Methyl-tert-butyl ether	mg/kg	.05	0.045	90	52-143	
tert-Amylmethyl ether	mg/kg	.05	0.044	87	62-138	
tert-Butyl Alcohol	mg/kg	.25	0.19	77	35-151	
Tetrachloroethene	mg/kg	.05	0.049	98	62-130	
Toluene	mg/kg	.05	0.046	92	73-124	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

LABORATORY CONTROL SAMPLE: 74531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	mg/kg	.05	0.046	91	74-128	
Vinyl chloride	mg/kg	.05	0.041	82	59-155	
Xylene (Total)	mg/kg	.15	0.12	81	68-130	
1,2-Dichloroethane-d4 (S)	%			101	80-143	
4-Bromofluorobenzene (S)	%			103	72-122	
Dibromofluoromethane (S)	%			99	80-136	
Toluene-d8 (S)	%			104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74746 74747

Parameter	Units	258108001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromoethane (EDB)	mg/kg	ND	.051	.052	0.046	0.047	90	91	71-123	.9	
1,2-Dichloroethane	mg/kg	ND	.051	.052	0.048	0.046	93	90	71-124	3	
1,2-Dichloroethene (Total)	mg/kg	ND	.1	.1	0.11	0.11	105	103	64-112	2	
Benzene	mg/kg	ND	.051	.052	0.050	0.048	97	93	68-124	3	
Chloroform	mg/kg	ND	.051	.052	0.051	0.050	100	98	72-113	2	
cis-1,2-Dichloroethene	mg/kg	ND	.051	.052	0.053	0.053	104	102	73-122	2	
Diisopropyl ether	mg/kg	ND	.051	.052	0.049	0.048	95	93	20-160	1	
Ethanol	mg/kg	ND	2	2.1	1.4	1.6	67	76	60-140	14	
Ethyl-tert-butyl ether	mg/kg	ND	.051	.052	0.052	0.050	102	98	70-140	4	
Ethylbenzene	mg/kg	ND	.051	.052	0.049	0.047	94	90	63-131	4	
Methyl-tert-butyl ether	mg/kg	ND	.051	.052	0.048	0.048	94	93	68-139	.1	
tert-Amylmethyl ether	mg/kg	ND	.051	.052	0.049	0.046	96	90	74-125	6	
tert-Butyl Alcohol	mg/kg	ND	.26	.26	0.17	0.20	67	76	49-122	13	
Tetrachloroethene	mg/kg	ND	.051	.052	0.054	0.051	106	99	66-121	6	
Toluene	mg/kg	ND	.051	.052	0.051	0.050	100	96	61-126	4	
Trichloroethene	mg/kg	ND	.051	.052	0.051	0.049	100	94	72-115	5	
Vinyl chloride	mg/kg	ND	.051	.052	0.043	0.042	85	81	49-122	4	
Xylene (Total)	mg/kg	ND	.15	.15	0.14	0.13	89	85	68-129	4	
1,2-Dichloroethane-d4 (S)	%						98	99	80-143		
4-Bromofluorobenzene (S)	%						104	106	72-122		
Dibromofluoromethane (S)	%						98	99	80-136		
Toluene-d8 (S)	%						104	104	80-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4732 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 258039005, 258039006

METHOD BLANK: 74856 Matrix: Solid
Associated Lab Samples: 258039005, 258039006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	2.5	06/20/11 09:46	
4-Bromofluorobenzene (S)	%	100	72-122	06/20/11 09:46	

LABORATORY CONTROL SAMPLE: 74857

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	25	19.4	78	60-140	
4-Bromofluorobenzene (S)	%			120	72-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74962 74963

Parameter	Units	258039006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	mg/kg	21.6	22.1	22.1	37.5	39.0	72	79	60-140	4	
4-Bromofluorobenzene (S)	%						120	121	72-122		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4713 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 258039003, 258039004, 258039007, 258039008, 258039009

METHOD BLANK: 74532 Matrix: Solid
Associated Lab Samples: 258039003, 258039004, 258039007, 258039008, 258039009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	ND	0.25	06/16/11 11:28	
4-Bromofluorobenzene (S)	%	107	72-122	06/16/11 11:28	

LABORATORY CONTROL SAMPLE: 74533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	mg/kg	.5	0.38	76	60-140	
4-Bromofluorobenzene (S)	%			105	72-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74748 74749

Parameter	Units	258108001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	mg/kg	ND	.41	.53	0.40	0.34	87	56	60-140	16	M1
4-Bromofluorobenzene (S)	%						118	120	72-122		

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Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4679
QC Batch Method: CA LUFT
Analysis Method: CA LUFT
Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 258039001

METHOD BLANK: 74035 Matrix: Water
Associated Lab Samples: 258039001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/13/11 10:10	
4-Bromofluorobenzene (S)	%	100	82-116	06/13/11 10:10	

LABORATORY CONTROL SAMPLE: 74036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	450	90	60-140	
4-Bromofluorobenzene (S)	%			100	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74362 74363

Parameter	Units	258055002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	ND	500	500	477	456	86	82	60-140	5	
4-Bromofluorobenzene (S)	%						99	101	82-116		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 258039

QC Batch: MSV/4709 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 258039002

METHOD BLANK: 74457 Matrix: Water
Associated Lab Samples: 258039002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/16/11 03:38	
4-Bromofluorobenzene (S)	%	99	82-116	06/16/11 03:38	

LABORATORY CONTROL SAMPLE: 74458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	432	86	60-140	
4-Bromofluorobenzene (S)	%			97	82-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 74459 74460

Parameter	Units	258039002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	45800	5000	5000	41500	42800	-87	-59	60-140	3	M1
4-Bromofluorobenzene (S)	%						154	153	82-116		S2

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QUALIFIERS

Project: 256390
Pace Project No.: 258039

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S	Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 256390
Pace Project No.: 258039

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
258039001	**MW-17B**	EPA 5030B/8260	MSV/4718		
258039002	**SB-6**	EPA 5030B/8260	MSV/4708		
258039005	**SB-6d15**	EPA 5030	MSV/4731	EPA 8260	MSV/4739
258039003	**SB-6d6**	EPA 8260	MSV/4712		
258039004	**SB-6d10**	EPA 8260	MSV/4712		
258039005	**SB-6d15**	EPA 8260	MSV/4712		
258039006	**SB-6d17**	EPA 8260	MSV/4712		
258039007	**SB-6d20**	EPA 8260	MSV/4712		
258039008	**SB-6d25**	EPA 8260	MSV/4712		
258039009	**SB-6d30**	EPA 8260	MSV/4712		
258039005	**SB-6d15**	CA LUFT	MSV/4732	CA LUFT	MSV/4742
258039006	**SB-6d17**	CA LUFT	MSV/4732	CA LUFT	MSV/4742
258039003	**SB-6d6**	CA LUFT	MSV/4713		
258039004	**SB-6d10**	CA LUFT	MSV/4713		
258039007	**SB-6d20**	CA LUFT	MSV/4713		
258039008	**SB-6d25**	CA LUFT	MSV/4713		
258039009	**SB-6d30**	CA LUFT	MSV/4713		
258039001	**MW-17B**	CA LUFT	MSV/4679		
258039002	**SB-6**	CA LUFT	MSV/4709		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

258039

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Antea Group	Report To:	Doug.Umland@anteagroup.com	Attention:	Doug Umland@anteagroup.com
Address:	312 Piercy Road	Copy To:	evan.chantikian@anteagroup.com	Company Name:	Antea Group
San Jose, CA 95138				Address:	312 Piercy Road, San Jose, CA
Email To:	Doug.Umland@anteagroup.com	Purchase Order No.:		Pace Quote Reference:	
Phone:	408-826-1874 Fax:	Client Project ID:	140256390	Pace Project Manager:	Regina St Marie
Requested Due Date/TAT:	10 Day (Default)	Container Order Number:		Pace Profile #:	

Regulatory Agency
San Mateo Environmental Health, GPP
State / Location
Site 256390, 402 S. Delaware St, San Mateo, CA

ITEM#	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	SAMPLE ID	FIELD POINT NAME	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test Y/N	TPH-GRO - CA LUFT MS	8260B - MTBE, BTEX, PCE	8260B - Oxygenates	Cis-DCE, 1,2-DCE	Vinyl Chloride	TCE, Chloroform	Residual Chlorine (Y/N)	PID Readings (for soil)
1	20110607_MW-17B	MW-17B	MW-17B	WT		6/7/11	1530				6				X					Y	X	X	X	X	X	X		
2	SB-6	SB-6	SB-6	WT	G		1315				6				X					Y								
3	SB-6d 6	SB-6		SL			1119				1	X								N								0.4 PPM
4	SB-6d 10						1123																					0.4
5	SB-6d 15						1129																					3.5
6	SB-6d 17						1132																					3639
7	SB-6d 20						1135																					1098
8	SB-6d 25						1200																					1.6
9	SB-6d 30						1210				1																	0.3
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Geotracker Global ID: T0608100632	Evan Chantikian / Antea	6/7/11	1900							
Short Hold on water samples, likely silted up which may interfere with preservatives	Fed Ex			Regina StMarie	06/08/11	08:50	2.3	Y	N	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Evan Chantikian	
SIGNATURE of SAMPLER:	DATE Signed:	6/7/11

Sample Container Count

CLIENT: Antea

Pace Analytical

COC PAGE 1 of 1

COC ID# —

258039

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU	sleeve			Comments
1	6														
2	6														Sediment in all vials.
3												1			Subsampled into DG9M, 2×VG9W.
4												1			
5												1			
6												1			
7												1			
8												1			
9												1			
10															(1 ms/msd sampled)
11															
12															Trip Blank? No

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial preweighted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			

Sample Condition Upon Receipt

Pace Analytical

Client Name: Antea Project # 258039

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8126 5346 7848

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____ Temp. Blank (Yes) ____ No ____

Thermometer Used 132013 or 101731952 or 226099 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.3°C Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C

Date and Initials of person examining contents: NJS 6/9/11

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Follow Up / Hold Analysis Requested:	☐Yes ☑No ☐N/A	8.
Sufficient Volume:	☑Yes ☐No ☐N/A	9.
Correct Containers Used:	☑Yes ☐No ☐N/A	10. Sleeves received,
-Pace Containers Used:	☑Yes ☑No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	11.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	12.
Sample Labels match COC:	☑Yes ☐No ☐N/A	13.
-Includes date/time/ID/Analysis Matrix: Soil, Water		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
Exceptions: VOA, coliform, TOC, O&G		Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	15.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	16.
Trip Blanks Present:	☐Yes ☑No ☐N/A	17.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RSM Date: 06/09/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Is the Data Valid? (circle) Yes	Preservation Temperature (if Known): 2.3 °C

Lab Validation Sheet

Project/Client: ___ELT_____
Project #: ___I40256390 - 0001__
Date of Validation: 6/28/2011 **Date of Analysis:** 6/16,6/20/2011 **Sample Date:** 6/7/2011
Completed By: Evan Chantikian **Signature:**
Analytical Lab Used and Report # (if any): _PACE - 258039_

	Circle or Highlight Yes/No below
1. Was the analysis the one requested?	Yes
2. Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes
3. Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes
4. Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes
5. Were Laboratory blanks performed, if so, were they below non-detect?	Yes
6. Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes
7. Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes
8. In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	NA
9. Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approx 80-120% depending on analyte)? Multiple MS/MSD sample pairs exceeded acceptable recover range. The data was accepted based on laboratory control samples.	No
10. Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes
11. Were Relative Percent Difference values within the acceptable range (i.e. ± 25%)?	Yes

If any answer is no, explain why and what corrective action was taken:

Additional Site Investigation Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA, 94402, USA

San Mateo County Groundwater Protection Program LOP Case No. 110069

Antea Group Project No. I40256390
July 6, 2012

Prepared for:
Deno Milano
San Mateo County Health System - Groundwater Protection Program
2000 Alameda De Las Pulgas
Suite 100
San Mateo, CA 94404

Prepared by:
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312 Piercy Road
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Appendix C Standard Operating Procedures
Appendix D Boring Logs
Appendix E Well Development Field Data Sheets
Appendix F Survey Data
Appendix G Groundwater Sampling Field Data Sheets
Appendix H Non-Hazardous Waste Manifests
Appendix I Certified Laboratory Analytical Reports

Additional Site Investigation Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, CA

1.0 INTRODUCTION

Antea™Group has prepared this *Additional Site Investigation Report* to report on the further evaluation of tetrachloroethylene (PCE, perchloroethylene) and petroleum hydrocarbons in groundwater at and adjacent to the 76 Service Station No. 6390, located at 402 Delaware Street, San Mateo, California (**Figure 1**). This report outlines the results of work conducted as follow-up to a San Mateo County Groundwater Protection Program (GPP) letter dated November 22, 2011, which is provided along with all subsequent correspondence and permits in **Appendix A**. Antea Group performed this investigation to: 1) further assess the possible origin of PCE typically detected in groundwater monitoring wells on and downgradient of the site, and 2) further define the lateral extent of residual hydrocarbons in saturated zone soils and groundwater approximately 15 feet northeast and east of the existing underground storage tank (UST) cavity, as well as along the east side of South Delaware Street.

1.1 Site Location and Setting

The site is currently occupied by an active 76 Service Station, located on the south corner at the intersection of East Fourth Avenue and South Delaware Street in San Mateo, California. The station is located approximately one mile west of San Francisco Bay at an elevation of approximately 20 feet above mean sea level (**Figure 1**). The site facilities currently include two fuel USTs located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (**Figure 2**). The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. A complete summary of the site location, history, and setting is presented in **Appendix B**.

1.2 Potential Sources of PCE

Antea Group's 2011 *Potential Tetrachloroethylene (PCE) Source Evaluation Report* summarized past and recent research into the potential source(s) of PCE contamination in groundwater, which includes several former dry cleaners and other leaking tank sites in the general vicinity and upgradient of the subject property. The results of the 2011 investigation indicate a source of PCE likely exists upgradient of the site and that PCE is present in groundwater regionally, but the investigation results did fully not rule out the subject site as a contributor. Per GPP's November 2011 letter, Antea Group conducted additional PCE testing both on and off-site to further evaluate whether the former waste oil UST at the site caused a release of PCE into soil or groundwater.

1.2.1 On-Site

The only potential onsite source of PCE identified in 2009 was a waste oil tank removed in 1992 in which two holes were observed (KEI 1992). In the one soil sample (WO-1) collected beneath the tank, PCE was reported at a

concentration of 0.0064 milligrams per kilogram (mg/kg). PCE was not detected in a soil sample collected during removal of an oil-water separator in 1996, so that feature is not considered a likely source of PCE contamination.

1.2.2 Off-Site

A parcel search was performed in 2008 by Stantec and a Sanborn insurance map search was performed by Delta Consultants (now Antea Group) in 2009 to identify any former businesses or property uses which may have contributed to a PCE release (Stantec 2008, Delta 2009). The following summarizes the results of those searches:

- The subject site has operated as a gasoline service station since 1972. Prior to this time, the property was residential.
- The property at 500 East 4th Avenue (parcel #034-186-080, immediately up-gradient and adjacent to the site) was identified as a gasoline service station in insurance maps from 1953 to 1969. Prior to this the land was a lumberyard, and currently the property is a Taco Bell restaurant and parking lot.
- Fourteen current or former dry cleaners were identified within a half mile upgradient (west) of the site. Three of the dry cleaners have active GPP cases related to the release of PCE. **Figure 3** shows the relative locations of some of the nearby dry cleaners.
- Seven gasoline service stations were identified within a quarter mile of the site, two of which were identified to be upgradient of the site.

As part of the 2011 *Potential Tetrachloroethylene (PCE) Source Evaluation Report*, Antea Group continued to research possible offsite sources of PCE. Antea Group found that there is an open assessment LUST cleanup site located west of the site (T. Endo Automotive, GPP Case No. 110008). Monitoring well MW-2 associated with that case is located approximately 100 feet west of off-site soil boring SB-1, or in the general up-gradient direction of the subject site (**Figure 2**). The nearby well is not typically monitored for HVOCs, including PCE, but during four sampling events between September 2010 and September 2011 the analysis of TPH-G was flagged as "Atypical pattern: Gasoline value due to chlorinated compounds" by the laboratory. During the September and December 2010 sampling events, PCE in MW-2 was estimated at concentrations of 18.6 µg/L and 25.5 µg/L, respectively (Atlas Engineering Services Inc., 2011).

2.0 SCOPE OF WORK

The scope of work implemented in the current investigation consisted of two phases for additional source evaluation and delineation of PCE and petroleum hydrocarbons at both on and off-site locations. The scope of work was based on comments made in the November 2011 GPP letter and subsequent email correspondence (**Appendix A)**. Antea Group implemented the scope of work in two phases due to delays in obtaining permits for onsite work.

The first phase (off-site work) was the advancement of off-site soil boring SB-9, the installation of off-site temporary well TW-1, the destruction of off-site monitoring well MW-10, and the installation of off-site monitoring wells MW-10R and MW-19.

- Soil boring SB-9 was advanced to assess fuel hydrocarbons in first-encountered groundwater immediately east of the fuel UST cavity. Previous groundwater sampling in SB-6 assessed groundwater from a deeper zone, not accurately reflecting hydrocarbons in first-encountered groundwater.
- Temporary well TW-1 was installed within five feet of SB-5 (immediately upgradient of the former waste oil UST) to collect grab groundwater samples to assess hydrocarbons and PCE in first-encountered groundwater and groundwater in the deeper zone (same depth monitored by MW-13B).
- Monitoring well MW-10 was destroyed and replaced with monitoring well MW-10R. MW-10 was screened too shallow, and no groundwater samples had been collected from it since it was installed in 2008.
- Monitoring well MW-19 was installed immediately south-southeast of MW-4 to assess first groundwater near MW-4. GPP expressed concern for MW-4 being screened too deeply to accurately assess first groundwater (i.e., dilution caused by excessive screen in the saturated zone).

The second phase (on-site work) involved the advancement of soil boring SB-8 and the installation of monitoring well MW-18.

- Soil boring SB-8 was advanced immediately east of the former waste oil tank to collect grab groundwater samples to assess hydrocarbons and PCE in first-encountered groundwater and groundwater in the deeper zone (same depth monitored by MW-13B).
- In the November 2011 letter, the GPP requested to install a monitoring well to assess first groundwater immediately southeast of SB-7, with subsequent correspondence recommending that the well be placed on the site, between SB-7 and the neighboring commercial building (parcel #186-186-090). Due to access limitations, including an underground electrical line and tire storage units, Antea Group placed monitoring well MW-18 about 12 feet south-southwest of SB-7.

Figure 2 shows the locations of SB-9, TW-1, MW-10R, MW-19, SB-8, and MW-18. **Table 1** includes the soil boring and well construction details for the new and pre-existing subsurface testing locations.

3.0 SOIL BORING AND MONITORING WELL INSTALLATION AND DESTRUCTION

3.1 Pre Field Activities

Prior to initiation of field activities, Antea Group produced a Health and Safety Plan (HASP) in accordance with Title 8, Section 5192 of the California Code of Regulations. The HASP was reviewed daily by field personnel. Antea Group obtained all necessary subsurface drilling permits from the GPP (**Appendix A**). Additionally, Antea Group obtained an encroachment permit from the City of San Mateo for working on the 400 block of South Delaware

Street (**Appendix A**). Antea Group pre-marked the site and drilling locations, opened Underground Service Alert (USA) ticket numbers 109363, 109371, and 163584, and employed a private locator to clear each drilling location for subsurface obstructions and hazards. Borehole clearance activities were carried out as outlined in Antea Group's Standard Operating Procedures presented as **Appendix C,** including air-knifing to five feet below the ground surface (bgs). Prior to its destruction, MW-10 was air-knife cleared to five feet bgs around the annular seal of the well.

3.2 Soil Borings and Soil Sampling

Subcontractor Woodward Drilling (Woodward) advanced soil borings SB-8 and SB-9 and temporary well TW-1 and monitoring wells MW-10R, MW-18, and MW-19 under the supervision of Antea Group personnel on April 10-12, 2012 (TW-1, SB-9, MW-10R, MW-19), and May 16, 2012 (SB-8, MW-18). An Antea Group geologist oversaw advancement of the soil borings using dual-tube direct push drilling methods to depths of 17 to 30 feet bgs (**Table 1**), continuously logging soils along the way. The geologist screened soil for volatile organic compounds (VOCs) using a Photoionization Detector (PID) outfitted with a 10.6 eV bulb that is capable of detecting PCE. PID readings were recorded and are listed on soil boring logs presented in **Appendix D**. Soil samples were collected using Geoprobe® sampling rods with disposable 5-foot acetate liners. The geologist collected and preserved soil for potential laboratory analyses at intervals immediately above first groundwater, immediately below first groundwater, at depths with high PID readings, and at the bottom of the waste oil UST cavity between eight and nine feet bgs at SB-8. Ultimately, Antea Group requested laboratory analyses from eight soil samples (four from SB-8, two from MW-18, and one each from MW-10 and MW-19).

Samples that were chosen for laboratory submittal were submitted to Kiff Analytical (Kiff), a California certified analytical laboratory (No. 08263CA), and analyzed for the following constituents:

- Total petroleum hydrocarbons – gasoline range organics (TPH-GRO), carbon chain range C_{05} – C_{12}, by EPA Method 8260B;
- The full list of volatile organic compounds (VOCs) by EPA Method 8260, including:
    - Benzene, toluene, ethylbenzene, total xylenes (collectively BTEX) and methyl tertiary butyl ether (MTBE),
    - Total 1,2 dichloroethene (1,2-DCE), PCE, trichloroethylene (TCE), chloroform, and vinyl chloride.

3.3 Grab Groundwater Sampling

Antea Group and subcontractors collected grab groundwater samples from TW-1, SB-8, and SB-9 following boring advancement via a temporary 1-inch schedule 40 PVC casing with a 5-foot pre-pack filter screen attached and placed at the bottom of each boring. All grab groundwater samples collected were submitted to Kiff and analyzed for the same analytes as listed for soil samples in **Section 3.2**.

3.3.1 TW-1

In an effort to sample groundwater from the shallow zone (the upper 20'), drillers initially advanced temporary well TW-1 to a depth of 16 feet bgs (just below the depth to water in nearby wells), at which depth the drilling crew lifted the risers one foot to 15 feet bgs and attempted to collect a groundwater sample. After waiting 10 minutes, no groundwater had entered into the boring, so the crew advanced the boring to 20 feet bgs and set the temporary well screen at 15 to 20 feet bgs. The field geologist noted no evidence of groundwater or wet soils in the upper 20 feet at TW-1. To sample groundwater from the deeper zone (for PCE delineation), drillers completed a second borehole next to the shallow temporary well casing, this one to a depth of 27 feet bgs (where the probe encountered refusal). Drillers left the outer rods in place and set a second temporary well screen at 22 to 27 feet bgs, to straddle the midpoint of the screened zone at MW-13B (screened 22 to 31'), where PCE concentrations on the site are typically the greatest. Some 3.5 hours after setting the deeper temporary well casing, no groundwater had collected in either temporary well casing, so the drillers covered the borings with a plastic liner and cold patch asphalt and left it overnight. The next morning (April 11, 2012), groundwater had collected in only the deeper temporary well casing, with a static water level at 15.46 feet below grade. The field crew collected a grab groundwater sample from the deeper temporary well casing using a disposable bailer. Following sample collection, drillers removed the temporary casings and properly abandoned the temporary well location using tremie grout, per GPP requirements.

3.3.2 SB-8

The methodology to collect grab groundwater from soil boring SB-8 was similar to TW-1, except that only one hole was drilled and the shallow (upper 20-foot) casing was not allowed to sit overnight. Drillers initially advanced SB-8 to 20 feet bgs, at which depth the drilling crew lifted the risers one foot to 19 feet bgs and attempted to collect a groundwater sample (again, there were no signs of groundwater in the upper 20 feet). After 45 minutes, no groundwater had entered into the boring, so the crew continued advancement of the boring to 28 feet bgs. The boring then collapsed to 24.5 feet bgs and the crew installed a temporary well casing with a temporary well screen at 19.5 to 24.5 feet bgs. The boring was covered with a plastic liner and five hours after installing the temporary well casing, no groundwater had collected. Drillers then removed the temporary well casing and advanced the boring to 30 feet bgs, setting a new temporary well casing and pre-pack filter screen at 25 to 30 feet bgs. The boring was again covered with a plastic liner and cold patch asphalt and left overnight. The next morning (May 17, 2012), groundwater had collected in the temporary well casing, with a static water level measured at 14.50 feet below grade, or some 10 feet higher than the top of the temporary screen interval. Drillers collected a grab groundwater sample using a disposable bailer.

3.3.3 SB-9

Drillers advanced soil boring SB-9 to a depth of 17 feet after the geologist noted first signs of groundwater at a depth of 13.6 feet bgs. The drillers installed a temporary pre-packed filter screen between 12 and 17 feet, and after waiting over an hour, water had raised to 15.8 feet bgs, at which time a sample was collected using a disposable bailer. No deeper water samples were required from this location.

3.4 Monitoring Well Destruction

Woodward destroyed monitoring well MW-10 under the supervision of Antea Group personnel on April 10, 2012 by over drilling to the original well to its total boring depth of 17.5 feet bgs using 8-inch diameter hollow stem auger flights. The borehole was backfilled with Portland cement per GPP guidelines and the entire sidewalk flag above the location was replaced per city protocol, as requested by City of San Mateo Department of Public Works inspector, Mark Hathaway.

3.5 Monitoring Well Installation

Woodward installed new monitoring wells MW-10R, MW-18, and MW-19 under the supervision of Antea Group personnel on April 11, 2012 (MW-19), April 12, 2012 (MW-10R), and May 16, 2012 (MW-18). At each monitoring well location, borings were initially advanced for soil characterization purposes using a direct-push rig, each to a depth of 21 feet bgs, following air-knife clearance of each boring to five feet bgs. Drillers then over drilled each boring using eight-inch diameter hollow stem auger flights to depths of 21 feet bgs for the monitoring well installations. Each monitoring well was constructed using 15 feet of 0.020-inch slot PVC screen placed from six to 21 feet bgs, along with a #3 sand filter pack, 2-foot bentonite seal, and cement grout seal. All wells were secured with a locking well cap and securable well vault, concreted in place. Well construction details are denoted on the boring logs presented in **Appendix D** and in **Table 1**.

3.6 Monitoring Well Development

Under the supervision of Antea Group personnel, Woodward developed new monitoring wells MW-10R, MW-18, and MW-19 on May 17, 2012 by pumping a minimum 10 well casing volumes from the well, or until groundwater parameters stabilized. Prior to development, Antea Group ensured that the newest well (MW-18, installed one day prior) had reached its static water level. In total, approximately 100 gallons of water were purged from these three wells. Well development logs are included in **Appendix E**.

3.7 Monitoring Well Survey

Licensed surveyor Mid Coast Engineers surveyed the new soil borings and monitoring wells (SB-8, SB-9, MW-10R, MW-18, and MW-19) along with previously un-surveyed soil borings SB-5 through SB-7 on May 27, 2012. Longitude and latitude were surveyed to North American Datum 83. The top of casing well elevations were surveyed to North American Vertical Datum 88. The survey data have been included as **Appendix F.** As required by the State of California Water Resources Control Board, the survey information was also uploaded to GeoTracker in June 2012.

3.8 Monitoring Well Sampling

On May 30, 2012, new monitoring wells MW-10R, MW-18, and MW-19 were gauged and sampled for the first time by subcontractor Blaine Tech Services (Blaine Tech). In addition, Antea Group directed Blaine Tech to gauge and sample the following existing wells: MW-4, MW-6, MW-7, MW-11, MW-13B, and MW-14B. One well (MW-9) was

dry and could not be sampled, whereas only a grab (no-purge) sample could be collected from MW-11. Blaine Tech purged and sampled each well using low-flow sampling techniques with an electric submersible pump and dedicated tubing. Groundwater samples were submitted to Pace Analytical Laboratories (Pace) and analyzed for the same analytes as listed for soil samples in **Section 3.2**. Blaine Tech's groundwater sampling field data sheets are presented as **Appendix G**.

3.9 Disposal of Investigation Derived Waste

Antea Group's waste management contractor Belshire Environmental Services, Inc. removed four drums of soil on May 4, 2012, and two drums of soil on May 30, 2012. The six total drums of soil were transported to Soil Safe in Adelanto, California in two separate shipments on June 4 and June 18, 2012, and two well development water drums were disposed at Demenno Kerdoon in Compton, California on June 06, 2012. Non Hazardous Waste Manifests for soil and groundwater generated during the investigation are presented as **Appendix H.**

4.0 INVESTIGATION RESULTS

4.1 Subsurface Conditions

Soils beneath the site consisted primarily of sands with varying amounts of clay and silt and clays with varying amounts of sand to the total depth explored of 30 feet bgs. Groundwater was encountered in the borings at depths ranging from 13.6 feet bgs (SB-9) to 19.75 feet bgs (MW-19). In general, reported subsurface conditions were similar to those previously reported and depicted on cross-sections included in the July 2011 *Potential Tetrachloroethylene (PCE) Source Evaluation Report*.

With respect to groundwater, a shallow groundwater zone (i.e., groundwater in the upper 20 feet bgs) that is present near the USTs and downgradient of the site (demonstrated by water in MW-6, MW-10R, MW-18, MW-19, and periodically in shallower wells MW-9 and MW-11), is not continuous along the western boundary of the site, indicating locally semi-confined conditions in the eastern portion of the site. Antea Group set a screened interval in TW-1 from 15 to 20 feet bgs, but after leaving it overnight, no water was present. In SB-8, grab water sampling was attempted from 19 to 20 feet bgs, and from a screened interval left in place from 19.5 to 24.5 feet bgs. After several hours and no signs of water, the screen was removed and the boring was advanced to 30 feet bgs. In both TW-1 and SB-8, which had temporary screened intervals from 25 to 30' bgs, the water levels rose to 15.46 feet in TW-1, and to 14.50 feet in SB-8, after leaving each overnight.

4.2 Soil Screening Results

Soil screening results from PID readings varied from boring to boring and at depth. Field personnel observed only low-level PID readings in soil from borings MW-10R and SB-8 with the highest PID reading being 12.9 parts per million (ppm) in MW-10R at 20.5 feet bgs, and only 1.3 ppm in SB-8 at 23 feet bgs. Antea Group did not record PID readings in soil from TW-1 and SB-9 due to their proximity to SB-5 and SB-6, respectively, where extensive soil screening and sampling occurred in 2011.

PID readings were higher in MW-19, with background levels recorded from five to 17 feet bgs and elevated levels beginning at the water table around 17 feet bgs. In saturated soils at MW-19, PID readings ranged from 28.5 ppm at 20 feet to 638 ppm at 18 feet bgs. PID readings were the highest at MW-18, with elevated levels ranging from 559 at 20.5 feet bgs to 10,000+ at 19 feet bgs. The boring logs in **Appendix D** list all recorded PID readings.

4.3 Soil Analytical Results

Antea Group field personnel collected a total of eight soil samples from SB-8, MW-10R, MW-18, and MW-19. Soil sample analytical results are summarized in **Table 2** and shown on **Figure 4**. Certified laboratory analytical reports are included in **Appendix I**.

4.3.1 PCE Distribution in Soil

One focus of soil analyses in this investigation was to determine if contaminated soil was present beneath the former waste oil tank located on the subject site. Antea Group submitted four soil samples from SB-8 for laboratory analysis of GRO and VOCs (depths of 9.0, 17.5, 23.5, and 27.5 feet bgs). The sample depth of 9.0 feet bgs is just below that of the sample collected in 1992 during waste oil UST removal (sample WO1). In SB-8, only trace levels of PCE were reported in soil at 23.5 feet bgs (0.012 mg/kg) and at 27.5 feet bgs (0.013 mg/kg). Those sample depths are at or just beneath the groundwater table, thus PCE concentrations are indicative of the low levels present in groundwater at and up-gradient of the site. The absence of elevated PID readings, PCE, and all other contaminants of concern in soils beneath the former waste oil tank support the conclusion that that UST was not a source of contamination at the site.

PCE was not detected in soil samples collected from MW-10R, MW-18, and MW-19. However, previous investigations have reported similar, low levels of PCE in soils near the groundwater table at locations away from the former waste oil UST (i.e., MW-17B and SB-4 through SB-7), as shown in **Table 2**. These widespread, low levels of PCE in saturated soils are indicative of the regional PCE plume in groundwater.

4.3.2 Hydrocarbon Distribution in Soil

In order to further evaluate hydrocarbon impacts in the smear zone, Antea Group requested analyses from deeper soil samples from MW-10R (18.5 feet bgs), MW-18 (15.5 and 19.5 feet bgs) and MW-19 (18.0 feet bgs). By far, the most significantly impacted soil is at MW-18, where GRO was reported at 2,200 mg/kg and benzene was reported at 2.1 mg/kg at 19.5 feet bgs. These concentrations are among the highest reported in soils at this site. Just above the water table at 15.5 feet bgs, no contaminants of concern were reported above laboratory reporting limits.

Lesser soil impacts were present downgradient, where GRO was reported at 180 mg/kg and benzene was reported below laboratory reporting limits at 18 feet bgs in MW-19. The laboratory did not report any contaminants of concern at levels greater than reporting limits in MW-10R.

No hydrocarbon impacts were reported in soil results from SB-8.

4.4 Groundwater Analytical Results

Antea Group and the drilling subcontractor collected grab groundwater samples from soil borings SB-8, SB-9, and temporary well TW-1. Additionally, subcontractor Blaine Tech collected low-flow samples from new monitoring wells MW-10R, MW-18, and MW-19 along with several existing monitoring wells. All groundwater analytical results are summarized in **Table 3** (recent) and **Table 4** (historical), with the primary contaminants of concern shown on **Figures 5, 6 and 7**. Certified laboratory analytical reports are included in **Appendix I**.

4.4.1 PCE Distribution in Groundwater

Relatively low concentrations of PCE (still in exceedance of the ESLs) are present up-gradient of the site, as confirmed in groundwater samples collected from TW-1 and SB-8 (22 and 63 ug/L, respectively). Higher PCE concentrations continue to be reported in the deeper-screened groundwater monitoring wells (e.g., MW-7, MW-13B, MW-15B) with much lesser or no PCE impacts in the shallow zone (20 feet bgs and above). Refer to **Figure 7** for a map showing all recent (past two years) PCE, trichloroethylene (TCE), and cis-1,2-dichloroethylene (c-1,2-DCE) concentrations at, upgradient, and downgradient of the site. **Figure 7** also indicates the depth of the screened interval from which each grab or low-flow groundwater sample was obtained.

4.4.2 Hydrocarbon Distribution in Groundwater

The results of this investigation show high levels of petroleum hydrocarbons at and downgradient of the subject site. Groundwater analytical results from new well MW-18 show some of the highest dissolved-phase GRO concentrations (98,000 ug/L) and benzene concentrations (3,420 ug/L) reported to date. Across South Delaware Street, MW-10R also reported a very high concentration of GRO (89,300), but a much lower benzene concentration (77.0 ug/L) relative to the concentrations reported on-site nearest the USTs. Analytical results from new well MW-19 also reported relatively high concentrations of GRO (15,700 ug/L) and benzene (13.5 ug/L).

Further downgradient, a grab sample collected from MW-11 showed no hydrocarbon impacts (typical for this well), and although not sampled since February 2012, MW-12B typically shows little to no hydrocarbon impacts, although it is screened in the deeper water-bearing zone (19 to 29 feet bgs), so the full lateral extent of the shallow hydrocarbon plume may not be fully defined in the downgradient direction. Please refer to **Figures 5 and 6** for dissolved-phase GRO and benzene isoconcentration maps.

5.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

Antea Group performed a QA/QC data validation check on the certified laboratory soil and grab groundwater analytical reports for the current investigation. Certified laboratory reports from Kiff and Pace and lab validation forms completed by Antea Group are contained in **Appendix I.** The following laboratory data qualifiers were noted for individual samples and on laboratory control samples:

Analytical Report No. 80993 dated April 19, 2012 (Kiff):

- TPHG (GRO) for TW-1 primarily contained compounds not found in typical gasoline.

- The Method Reporting Limit for Styrene has been increased due to the presence of an interfering compound for sample SB-9_W.
- Matrix Spike/Matrix Spike Duplicate (MS&MSD) results associated with sample SB-9_W for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

Analytical Report No. 81304 dated May 24, 2012 (Kiff):

- The Method Reporting Limit for Styrene has been increased due to the presence of an interfering compound for sample MW-18_d19.5.
- TPHG (GRO) for SB-8 primarily contained compounds not found in typical gasoline.

Analytical Report No. 2512399 dated June 12, 2012 (Pace):

- CH - The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high. Noted for ethanol on some LCS and MS&MSD analyses. Ethanol was not detected in any of the groundwater samples.
- D6 - The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits. Noted for certain analytes on some MS&MSD analyses. Those analytes were not detected in the groundwater samples.
- E - Analyte concentration exceeded the calibration range. The reported result is estimated. Noted for certain analytes on some MS&MSD analyses.
- M1 - Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. Noted on multiple analyses for MW-13B, including benzene, PCE, and 1,2-DCA. Also noted on some MS&MSD samples.
- S5 - Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted for surrogate recoveries in MW-10R, MW-6, MW-18, MW-19, and FD-1.

With the exception of high-biased GRO concentrations in SB-8 and TW-1 groundwater samples due to compounds atypical of gasoline (likely PCE), none of the laboratory referenced qualifiers appear to be significant enough to have affected the reported data.

Based on a review of the laboratory's analytical report, including their QA/QC procedures and those implemented by Antea Group, we conclude that the laboratory data obtained during the recent groundwater sampling event are valid and usable for their intended purpose. All pertinent data qualifiers have been noted on **Tables 2, 3,** and **4,** as applicable.

6.0 DISCUSSION

The following sections outline Antea Group's interpretations and opinions following analysis of the results of this and recent subsurface investigations.

6.1 PCE

PCE continues to be reported in groundwater at concentrations exceeding the California Regional Water Quality Control Board (CRWQCB) Environmental Screening Levels (ESLs) for groundwater as a potential drinking resource throughout the entire subject site and surrounding off-site area investigated to date. Highest concentrations of PCE are present in the deeper groundwater zone but not in shallow groundwater due to its molecular weight that is greater than that of water. Based on the higher PCE concentrations in MW-7, MW-12B, MW-13B, and MW-15B, it appears a deep plume of higher PCE concentrations may be skirting along the southern edge of the site, possibly originating from one or more former dry cleaners located southwest of the site. To date, it does not appear that significant or any subsurface environmental testing has been conducted at the nearest former dry cleaners (as shown on GeoTracker), including Wardrobe Cleaners at 344 E 4th Avenue (0.12 miles SW of the site), and R NU IT Cleaners at 200 E 2nd Avenue (0.25 miles W of the site). Another dry cleaner, Family Cleaners, is located approximately 0.10 miles west-northwest of the site.

Antea Group believes that this investigation confirms that historical site activities are not the cause of the PCE issue in deep-zone groundwater based on the absence of PCE contamination in soils beneath the former waste oil UST and the relatively low levels of PCE in groundwater beneath that UST. This, combined with the absence of PCE in soils beneath the site (including from beneath the oil/water separator), supports a conclusion that PCE contamination in groundwater is from an up-gradient source.

6.2 Hydrocarbons

This investigation revealed high levels of GRO and benzene in new wells located southeast (MW-18) and east (MW-10R) of the UST complex. In addition, hydrocarbon concentrations in MW-19 suggest that dilution in MW-4 due to excessive screened interval (as suggested by GPP) was previously causing low-biased hydrocarbon concentrations at that location. The high concentrations in MW-10R suggest that the lateral extent of hydrocarbons in groundwater and downgradient of the existing UST cavity extends beyond South Delaware Street. Impacted soils do not appear to extend across South Delaware Street, but impacts are present in smear-zone soils as far south as MW-18.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Antea Group completed this additional subsurface investigation and groundwater sampling in April and May 2012 to further evaluate tetrachloroethylene (PCE) and petroleum hydrocarbons in groundwater and soils at and adjacent to the 76 Service Station No. 6390, located at 402 Delaware Street in San Mateo, California. Antea Group completed a work scope in general accordance with the San Mateo County Groundwater Protection Program (GPP)

letter dated November 22, 2011 and subsequent correspondence in order to: 1) further assess the possible on-site origin of PCE, and 2) further define the lateral extent of hydrocarbons in smear-zone soils and groundwater east and south of the existing underground storage tanks (USTs).

Antea Group concludes the following with respect to this and prior investigations:

- Whereas PCE continues to be present at higher concentrations in deep-zone groundwater downgradient of the subject site, there is no proven source of PCE from the subject site, including beneath a former waste oil UST and an oil/water separator. The PCE in groundwater is likely from an up-gradient source, a conclusion that is supported by similarly high levels of PCE in up-gradient well MW-7 relative to other on-site and downgradient monitoring wells.
- Significant petroleum hydrocarbon impacts extend beyond South Delaware Street to the east, downgradient of the gasoline USTs. Further downgradient, deep-zone well MW-12B may not be accurately evaluating hydrocarbon impacts based on the well's deeper screen interval.
- Some of the highest concentrations of petroleum hydrocarbons in groundwater and in smear-zone and saturated soils are present southeast of the UST complex, in the vicinity of boring SB-7 and new well MW-18.

Based on the results of this and prior investigations and groundwater monitoring results, Antea Group recommends the following:

- Further delineation of hydrocarbons in shallow (first-encountered) groundwater downgradient of MW-10R;
- Further delineation of hydrocarbons in shallow groundwater between the off-site commercial building (parcel #034-186-090) and MW-11;
- Evaluation of shallow soil vapor concentrations at the southeastern property boundary, between MW-18 and the off-site commercial building (parcel #034-186-090); and
- Evaluation of shallow soil vapor concentrations between MW-10R and the off-site residential building (parcel #034-189-100).

8.0 REMARKS

The findings contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea USA, Inc., the data from those reports are used "as is" and is assumed to be accurate. Antea USA, Inc does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

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Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature follows.

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cc: GeoTracker (upload)

9.0 REFERENCES

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Tables

Table 1 Soil Boring and Well Construction Details

Table 2 Soil Analytical Data

Table 3 Recent Groundwater Gauging and Analytical Data

Table 4 Historical Groundwater Gauging and Analytical Data

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 6/28/2012

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/24/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.02	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Shallow / Deep Zone
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.07	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Shallow Zone
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Deep Zone
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Deep Zone
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Shallow Zone
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Shallow Zone; Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Zone
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Shallow Zone
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Deep Zone; conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Deep Zone; conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Deep Zone
MW-15B	8/7/2008	19.12	29.0	8.0	28.5	2.0	PVC	0.020	18.5 to 28.5	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Deep Zone
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.73	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Deep Zone
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Zone
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Zone

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 6/28/2012

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	PVC	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	PVC	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	PVC	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO (mg/kg)	TOG (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Naph-thalene (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	Chloro-form (mg/kg)	Vinyl Chloride (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																											
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 a	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	<0.0050	0.0064	<0.0050	<0.0050	<0.0050	1.1	67	73	6.0	44
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	5.9 b	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																												
SP-5																												
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--	--	--	--	--	--	--
SP-6																												
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	**68** e	<0.050 e	<0.050 e	**1.6** e	**3.3** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--
SP-7																												
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-7-19.5-20	19.5-20	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-8																												
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	**49** e	<0.050 e	<0.050 e	**2.1** e	**7.4** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--
SB-1																												
SB-1d5	5	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0066	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d10	10	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.013	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-1d20	20	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0065	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d25	25	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0076	<0.0025	<0.0025	<0.0025	<0.0025	<0.34	<0.0025	<0.0025	<0.013	--	0.0083	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-3																												
SB-3d5*	5	5/18/2011	--	--	<0.19	<0.0022	<0.0022	<0.0022	<0.0067	<0.0022	<0.0022	<0.0022	<0.0022	<0.30	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-3d10	10	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-3d15	15	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d17	17	5/18/2011	--	--	<0.26	<0.0031	<0.0031	<0.0031	<0.0093	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.016	--	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-3d20	20	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d25	25	5/18/2011	--	--	<0.31	<0.0026	<0.0026	<0.0026	<0.0077	<0.0026	<0.0026	<0.0026	<0.0026	<0.34	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-3d30	30	5/18/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO (mg/kg)	TOG (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Naph-thalene (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	Chloro-form (mg/kg)	Vinyl Chloride (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
SB-4																												
SB-4d10	10	5/18/2011	--	--	<0.24	<0.0029	<0.0029	<0.0029	<0.0086	<0.0029	<0.0029	<0.0029	<0.0029	<0.38	<0.0029	<0.0029	<0.014	--	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	--	--	--	--	--
SB-4d15	15	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-4d17	17	5/18/2011	--	--	<0.34	<0.0041	<0.0041	<0.0041	<0.012	<0.0041	<0.0041	<0.0041	<0.0041	<0.54	<0.0041	<0.0041	<0.020	--	0.0050	<0.0041	<0.0041	<0.0041	<0.0041	--	--	--	--	--
SB-4d20	20	5/18/2011	--	--	<0.25	<0.0031	<0.0031	<0.0031	<0.0092	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.015	--	0.0041	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-4d24	24	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	0.0060	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-4d30	30	5/18/2011	--	--	<0.17	<0.0021	<0.0021	<0.0021	<0.0063	<0.0021	<0.0021	<0.0021	<0.0021	<0.28	<0.0021	<0.0021	<0.010	--	0.0030	<0.0021	<0.0021	<0.0021	<0.0021	--	--	--	--	--
SB-5																												
SB-5d5*	5	5/19/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-5d10	10	5/19/2011	--	--	<0.28	<0.0034	<0.0034	<0.0034	<0.010	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	--	--	--	--	--
SB-5d15	15	5/19/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-5d17	17	5/19/2011	--	--	<0.28	<0.0033	<0.0033	<0.0033	<0.010	<0.0033	<0.0033	<0.0033	<0.0033	<0.44	<0.0033	<0.0033	<0.017	--	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	--	--	--	--	--
SB-5d20	20	5/19/2011	--	--	<0.22	<0.0026	<0.0026	<0.0026	<0.0079	<0.0026	<0.0026	<0.0026	<0.0026	<0.35	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-5d25	25	5/19/2011	--	--	<0.20	<0.0025	<0.0025	<0.0025	<0.0074	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	0.0037	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d30	30	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	0.0093	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-5d35	35	5/19/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.12	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d40	40	5/19/2011	--	--	<0.26	<0.0032	<0.0032	<0.0032	<0.0095	<0.0032	<0.0032	<0.0032	<0.0032	<0.42	<0.0032	<0.0032	<0.016	--	0.0037	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
SB-6																												
SB-6d6	6	6/7/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-6d10	10	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0089	<0.0030	<0.0030	<0.0030	<0.0030	<0.40	<0.0030	<0.0030	<0.015	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d15	15	6/7/2011	--	--	57.4	0.087	2.4	1.6	9.1	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	0.0099	<0.0023	<0.012	--	0.0052	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
SB-6d17	17	6/7/2011	--	--	21.6	<0.0024	<0.0024	0.087	0.42	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d20	20	6/7/2011	--	--	0.21	<0.0024	<0.0024	0.0026	0.014	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	0.031	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d25	25	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0091	<0.0030	<0.0030	<0.0030	<0.0030	<0.41	<0.0030	<0.0030	<0.015	--	0.0097	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d30	30	6/7/2012	--	--	<0.24	<0.0028	<0.0028	<0.0028	<0.0085	<0.0028	<0.0028	<0.0028	<0.0028	<0.38	<0.0028	<0.0028	<0.014	--	0.015	<0..0028	<0..0028	<0..0028	<0.0028	--	--	--	--	--
SB-7																												
SB-7d10	10	5/17/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-7d15	15	5/17/2011	--	--	1330	0.039	0.081	21.4	116	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-7d17	17	5/18/2011	--	--	1790 g	0.066 g	<0.042 g	35.6 g	204 g	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	<0.35 g	<0.0027 g	<0.0027 g	<0.013 g	--	0.0061 g	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	--	--	--	--	--
SB-7d20	20	5/18/2011	--	--	4900 g	0.8 g	87.2 g	127 g	721 g	<0.040 g	<0.080 g	<0.040 g	<0.080 g	<8.0 g	<0.040 g	<0.080 g	<0.40 g	--	<0.040 g	<0.040 g	<0.040 g	0.19 g	<0.040 g,h,i	--	--	--	--	--
SB-7d25	25	5/18/2011	--	--	0.43	<0.0034	0.015	0.0081	0.048	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	0.049	0.0048	0.0042	<0.0034	<0.0034	--	--	--	--	--
SB-8																												
SB-8_d9.0	9	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d17.5	17.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d23.5	23.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	0.012	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d27.5	27.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	0.013	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
Groundwater Monitoring Wells																												
MW-1																												
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																												
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																												
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4																												
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																												
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO (mg/kg)	TOG (mg/kg)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	1,2-DCA (mg/kg)	DIPE (mg/kg)	EDB (mg/kg)	ETBE (mg/kg)	Ethanol (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Naph-thalene (mg/kg)	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	Chloro-form (mg/kg)	Vinyl Chloride (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-6																												
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** e	**0.18** e	**32** e	**20** e	**110** e	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** e	<0.25 e	**1.3** e	**10** e	**38** e	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--	--	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** e	**0.089** e	**2.7** e	**10** e	**37** e	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089** e	<0.0050 e	<1.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-7																												
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-8																												
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-9																												
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-10																												
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10R																												
MW-10R_d18.5	18.5	4/12/2012			<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-11																												
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B																												
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17** e	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430** e	<0.50 e	<0.50 e	**3.4** e	**7.6** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12** e	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76** e	**0.0099** e,f	**0.011** e,f	**1.5** e	**3.1** e	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034** e,f	<0.025 e	<0.25 e	--	--	--	--	--	--	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015** f	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B																												
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500** e	**2.9** e	**250** e	**85** e	**660** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200** e	**1.2** e	**86** e	**38** e	**220** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620** e	<1.2 e	**12** e	**14** e	**73** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480** e	<0.50 e	**2.1** e	**11** e	**47** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12** e	**0.040** e,f	**0.78** e	**0.38** e	**1.9** e	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030** e,f	<0.050 e	<0.50 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7** e	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** f	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--	--	--	--	--	--	--
MW-14B																												
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B																												
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS				
Sample Name	**Sample Depth (feet bgs)**	**Date Sampled**	**TPH-DRO (mg/kg)**	**TOG (mg/kg)**	**TPH-GRO (mg/kg)**	**Benzene (mg/kg)**	**Toluene (mg/kg)**	**Ethyl-benzene (mg/kg)**	**Xylenes (mg/kg)**	**1,2-DCA (mg/kg)**	**DIPE (mg/kg)**	**EDB (mg/kg)**	**ETBE (mg/kg)**	**Ethanol (mg/kg)**	**MTBE (mg/kg)**	**TAME (mg/kg)**	**TBA (mg/kg)**	**Naph-thalene (mg/kg)**	**PCE (mg/kg)**	**TCE (mg/kg)**	**cis-1,2-DCE (mg/kg)**	**Chloro-form (mg/kg)**	**Vinyl Chloride (mg/kg)**	**Cadmium (mg/kg)**	**Chromium (mg/kg)**	**Nickel (mg/kg)**	**Lead (mg/kg)**	**Zinc (mg/kg)**
MW-17B																											
MW-17Bd5*	5	5/19/2011	--	--	<0.19	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd10	10	5/19/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd15	15	5/19/2011	--	--	<0.21	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0.024	--	--	--	--	--
MW-17Bd17	17	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0.024	--	--	--	--	--
MW-17Bd20	20	5/19/2011	--	--	<0.21	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd25	25	5/19/2011	--	--	<0.33	<0.0032	<0.0032	<0.0032	<0.0097	<0.0032	<0.0032	<0.0032	<0.0032	<0.43	<0.0032	<0.0032	<0.016	--	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
MW-17Bd30	30	5/19/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0080	<0.0027	<0.0027	<0.0027	<0.0027	<0.35	<0.0027	<0.0027	<0.013	--	0.026	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
MW-18																											
MW-18_d15.5	15.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-18_d19.5	19.5	5/16/2012	--	--	**2200**	**2.1**	**110**	**52**	**282**	<0.40	<0.40	<0.40	<0.40	--	<0.40	<0.40	<2.0	18	<0.40	<0.40	<0.40	<0.40	<0.40	--	--	--	--	--
MW-19																											
MW-19_d18.0	18	4/11/2012	--	--	180	<0.025	<0.025	1.4	0.44	<0.025	<0.025	<0.025	<0.025	--	<0.025	<0.025	<0.15	0.70	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--
Oil Water Separator Removal																											
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	--	ND c	ND c	ND c	ND c	ND c	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPH-DRO	Total petroleum hydrocarbons as diesel range organics
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPH-GRO	Total purgeable petroleum hydrocarbons as gasoline range organics
ND	Not detected (reporting limit unknown)	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol	1,2-DCA	1,2-Dichloroethane

PCE	Tetrachloroethylene
TCE	Trichloroethylene
cis-1,2-DCE	cis-1,2-dichloroethylene

1	Analyzed by EPA Method 3550/8015M
2	Analyzed by Standard Method 5520 E&F (Gravimetric)
3	Analyzed by EPA Method 5030/8015M between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
4	Analyzed by EPA Method 8020 between 8/1992 and 3/1995; by EPA Method 8260 between 12/2006 and the present.
5	Analyzed by EPA Method 8260B
6	Analyzed by EPA Method 6000/7000
a	Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 0.0064 mg/kg. The additional HVOCs were reported as non-detect.
b	Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c	Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d	The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e	The PQL'S and MDL's was raised due to sample dilution.
f	Estimated Value (CLP Flags)
g	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S) and 4-Bromofluorobenzene (S
h	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Result may be biased low
i	Result confirmed by second analysis

TABLE 3
RECENT GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	Date Sampled	TOC [1] Elevation (feet)	Depth to GW (ft below TOC)	GWE (feet)	NAPL Thickness (feet)	Sheen	GRO (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [2] (µg/L)	TBA [2] (µg/L)	TAME [2] (µg/L)	1,2-DCA [2] (µg/L)	Ethanol [2] (µg/L)	PCE [2] (µg/L)	TCE [2] (µg/L)	cis-1,2-DCE [2] (µg/L)	1,2-DCE [2] (µg/L)	Chloroform [2] (µg/L)	VC [2] (µg/L)
TW-1	04/11/12	--	15.46	--	0	--	53 A	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	--	**22**	1.3	<0.50	<0.50	0.57	<0.50
SB-8	05/17/12	--	14.50	--	0	--	**330** A	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	--	**63**	**9.3**	**7.2**	**7.2**	1.7	<0.50
SB-9	04/12/12	--	15.80	--	0	--	**90,000**	**1,100**	**6,500**	**4,400**	**21,000**	<40	<200	<40	<40	<400	<40	<40	<40	<40	<40	<40
MW-4	05/30/12	19.01	14.86	4.15	0	No	60.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<250	**44.6**	3.6	1.8	<2.0	1.8	<1.0
MW-6	05/30/12 S5	19.08	14.68	4.40	0	No	**60,100**	**1,080**	**1,220**	**3,860**	**14,200**	**94.1**	**42.5**	<0.50	<1.0	<250	<1.0	<1.0	1.6	<2.0	<1.0	**1.6**
FD1 [3]	05/30/12 S5	--	--	--	--	--	**57,600**	**1,060**	**1,220**	**4,480**	**15,700**	**99.7**	**41.3**	<0.50	<1.0	<250	<1.0	<1.0	1.7	<2.0	<1.0	**1.8**
MW-7	05/30/12	21.74	17.00	4.74	0	No	**304**	<0.50	<0.50	4.3	**21.5**	<0.50	<5.0	<0.50	<1.0	<250	**169**	**9.5**	**8.2**	**8.4**	1.2	<1.0
MW-8	05/30/12	18.42	14.09	4.33	0	No	WELL WAS NOT SAMPLED - GAUGED ONLY															
MW-9	05/30/12	19.42	DRY	--	--	No	WELL WAS NOT SAMPLED - REPORTED AS DRY															
MW-10R	05/30/12 S5	19.11	15.02	4.09	0	No	**89,300**	**77.0**	**103**	**5,670**	**27,900**	5.0	6.3	<0.50	<1.0	<250	<1.0	<1.0	**16.1**	**16.1**	<1.0	**2.9**
MW-11	05/30/12	19.23	14.25	4.98	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<250	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
MW-12B	05/30/12	18.68	14.92	3.76	0	No	WELL WAS NOT SAMPLED - GAUGED ONLY															
MW-13B	05/30/12	19.14	14.82	4.32	0	No	**2,110**	**321** M1	0.75	2.7	6.7	**90.8**	**45.3**	<0.50	<1.0 M1	<250	**189** M1	**19.4**	**17.5**	**17.8**	<1.0	**1.2**
MW-14B	05/30/12	18.47	14.20	4.27	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<250	**30.0**	1.7	<1.0	<2.0	2.5	<1.0
MW-15B	05/30/12	19.12	15.25	3.87	0	No	WELL WAS NOT SAMPLED - GAUGED ONLY															
MW-17B	05/30/12	18.75	14.14	4.61	0	No	WELL WAS NOT SAMPLED - GAUGED ONLY															
MW-18	05/30/12 S5	19.61	15.27	4.34	0	No	**98,900**	**3,420**	**23,000**	**2,440**	**15,200**	**1,270**	**2,460**	<0.50	<1.0	<250	**14.7**	2.5	3.8	3.8	<1.0	<1.0
MW-19	05/30/12 S5	19.06	14.85	4.21	0	No	**15,700**	**13.5**	14.0	**427**	**2,180**	0.83	<5.0	<0.50	<1.0	<250	**12.9**	1.6	6.0	6.0	1.1	<1.0
TB-1 [4]	05/30/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<250	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
CRWQCB ESLs (Potential Drinking Water Resource):							**100**	**1.0**	**40**	**30**	**20**	**5.0**	**12**	--	**0.50**	--	**5.0**	**5.0**	**6.0**	**6.0**	**70**	**0.50**

Notes:

<	Denotes less than the Laboratory Reporting Limit	ESL	Environmental screening level	PCE	Tetrachloroethene	TAME	tert-amyl methyl ether
--	Not applicable / measured	GRO	Gasoline range organics	cis-1,2-DCE	cis-1,2-dichloroethylene	1,2-DCA	1,2-Dichloroethane
µg/L	Micrograms per liter	GWE	Groundwater elevation	NAPL	Non-Aqueous Phase Liquid	VC	Vinyl Chloride
BTEX	Benzene, toluene, ethylbenzene, xylenes	GW	Groundwater	TCE	Trichloroethene		
CRWQCB	California Regional Water Quality Control Board	MTBE	Methyl tertiary butyl ether	TBA	tert-butyl alcohol		
TOC	Top of Casing						

1 = TOC elevations have been surveyed to the NAVD 88 datum (refer to Table 1 for date of each well's survey)

2 = Analyzed by EPA Method 8260B.

3 = Field duplicate FD1 collected from well MW-6.

4 = Trip blank sample for QA/QC

A = GRO primarily contained compounds not found in typical gasoline.

M1 = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based upon acceptable recovery from the laboratory control sample.

S5 = Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)													
UST REPLACEMENT WATER SAMPLE																										
W1	--	--	8/25/1992 v	21	--	--	--	--	50,000	1,200	6,700	1,400	10,000	--	--				--	--	--		--	--	--	--
SOIL BORINGS & TEMP WELLS																										
SP1	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SP2	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--
SP4	--	--	2/14/96	10.5	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	--	--	21,000 k	1,300 k	1,500 k	1,400 k	4,000 k	330 k	<200 k	<10 k	<10 k	--	--	--	--	--	<5000	--	--	--
SP-6	--	--	12/15/06	15	--	--	--	--	38,000 k	<10 k	<10 k	570 k	660 k	<10 k	<200 k	<10 k	<10 k	--	--	--	--	--	<5000	--	--	--
SP-7	--	--	12/15/06	32	--	--	--	--	<50 k	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	--	90	15	9.8	--	<250	--	--	--
SP-8	--	--	12/15/06	15.2	--	--	--	--	51,000 k	110 k	100 k	3,000 k	9,600 k	<10 k	<200 k	<10 k	<10 k	--	--	--	--	--	<5000	--	--	--
SB-1	--	--	5/18/11	16.25	--	--	--	--	111	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	4.8	38.9	4.7	15.0	<1.0	<250	--	--	--
SB-3	--	--	5/18/11	20.25	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<250	--	--	--
SB-4	--	--	5/18/11	14.5	--	--	--	--	<50.0	0.54	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	2.7	11.9	<1.0	<1.0	<1.0	<250	--	--	--
SB-5	--	--	5/18/11	NO SAMPLE COLLECTED - BORING WAS DRY AT 30 FT AND 40 FT BGS (ATTEMPTED GRAB SAMPLE USING PRE-PACK SCREEN)																						
SB-6	--	--	6/7/11	21	--	--	--	--	45,800	40.5	1,230	1,420	7,430	1.5	<5.0	<0.50	<1.0	2.2	103	15.2	16.2	<1.0	<250	--	--	--
SB-7	--	--	5/18/11	14.2	--	--	--	--	166,000	2,790	15,600	4,080	21,000	1,160	2950	2.0	<1.0	<1.0	6.7	3.4	3.4	<1.0	<250	--	--	--
SB-8	--	--	5/17/12	14.50	--	--	--	--	330 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	1.7	22	9.3	7.2	<0.50	--	--	--	--
SB-9	--	--	4/12/12	15.80	--	--	--	--	90,000	1,100	6,500	4,400	21,000	<40 k	<200 k	<40 k	<40 k	<40 k	<40 k	<40 k	<40 k	<40 k	<400 k	--	--	--
TW-1	--	--	4/11/12	15.46	--	--	--	--	53 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	0.57	63	1.3	<0.50	<0.50	--	--	--	--
MONITORING WELLS																										
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.80	-2.93	-2.38	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.90	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	10.00	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.50	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.20	5.67	2.30	0	No	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.70	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.70	-1.83	-1.53	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	1.60	37	30
			11/18/96	17.01	-2.14	-0.40	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<1.0	10	9.70
			02/20/97	8.96	5.91	8.05	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<1.0	27	26
			05/27/97	15.37	-0.50	-6.41	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<1.0	35	28
			08/26/97	17.01	-2.14	-1.64	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<1.0	33	34
			11/25/97	16.50	-1.63	0.51	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<1.0	38	33
			02/13/98	6.07	8.80	10.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<0.10	38	30
			05/21/98	11.76	3.11	-5.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<1.0	46	34
			08/17/98	15.15	-0.28	-3.39	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<1.0	40	30
			11/19/98	16.13	-1.26	-0.98	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<1.0	43	34
			02/15/99	10.94	3.93	5.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<1.0	42	32
			05/13/99	12.70	2.17	-1.76	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	2.90	48	38
			08/10/99	15.39	-0.52	-2.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	1.93	44	35.20
			11/09/99	16.28	-1.41	-0.89	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<0.50	42.60	33.60
			02/14/00	10.38	4.49	5.90	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	<0.50	8.03	54.30
			05/18/00	13.62	1.25	-3.24	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	1.34	4.04	18.10
			08/09/00	16.43	-1.56	-2.81	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<0.10	6.64	29
			11/08/00	16.20	-1.33	0.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<0.10	7.14	26.10
			02/14/01	13.34	1.53	2.86	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<100	7.08	30.40
			08/15/01	16.63	-1.76	-3.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<0.10	<0.10	8.90
			02/13/02	12.46	2.41	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<0.10	31	28

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)													
MW-1 (cont'd)		19.46 †	08/26/02	16.26	-1.39	-3.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	<0.10	37	32
			02/18/03	12.09	2.78	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	--	--	--	<1.0	27	26
			08/21/03	15.25	-0.38	-3.16	0	No	63	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	--	--	--	--	--	--	--	<1.0	<1.0	9.70
			03/30/04	12.05	2.82	3.20	0	No	81	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	<1.0	29	26
			08/18/04	16.04	-1.17	-3.99	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	34	29
			03/10/05	9.66	9.80	--	0	No	84 j	1.70	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	26	28
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	7.52	3.13	0	No	94	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.08	4.38	-3.14	0	No	69 n,p	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-2	10 - 30	14.50 ♦	06/15/94	15.33	-0.83	--	0	No	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.54	-2.04	-1.46	0	No	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.80	-3.30	-1.26	0	No	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.74	6.76	10.06	0	No	10,000	2,400	2,000	530	2,900	3,500	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	120,000	10,000	39,000	3,100	19,000	9,900	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.50	-2.00	-3.27	0	No	340,000	1,000	42,000	3,800	22,000	5,300	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	16.90	-2.40	-0.40	0	No	32,000	2,500	7,200	760	4,000	4,400	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	<250	76	3.1	<2.5	13	1,200	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	39,000	3,700	11,000	1,200	6,700	4,200	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	69,000	7,200	20,000	2,900	17,000	4,500	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	110,000	5,800	21,000	3,400	20,000	3,400	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	10,000	850	510	170	2,000	630	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	38,000	3,300	6,700	1,200	5,800	2,200	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.20	-0.70	-3.42	0	No	79,000 e	6,100	12,000	3,000	17,000	3,700	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	430	27	20	23	120	17	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	7,600	900	170	340	1,500	800	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	53,000	4,100	7,900	2,200	12,000	1,800	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	59,000	3,300	5,300	2,600	17,000	1,700	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.20	-1.70	-0.85	0	No	29,900	2,070	1,530	1,610	5,820	1,300	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	6,460	716	140	478	942	636	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	27,400	1,830	3,400	1,500	6,160	1,230 h	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	36,900	2,400	450	2,060	9,510	1,220	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	50,300	3,110	2,960	2,550	12,000	872	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	8,090	700	55.90	630	597	841	--	--	--	--	--	--	--	--	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	13,000	1,500	910	1,300	1,300	910	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	23,000	1,600	2,400	1,500	4,200	640	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	32,000 k	1,600 k	900 k	2,100 k	6,300 k	<250 k	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	600	93	13	3.4	46	98	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	25,000	1,300	330	1,400	5,400	460	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	9,800	790	800	1,000	1,900	400	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.00	-1.50	-4.82	0	No	14,000	1,100	150	2,000	2,000	600	--	--	--	--	--	--	--	--	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	160	16	14	9.7	14	34	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	--	--	3,400	370	23	750	220	220	--	--	--	--	--	--	--	--	--	--	--	--
			03/02/06	11.89	7.22	3.14	0	No	4,100	240	85	160	420	140	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	14.99	4.12	-3.10	0	No	5,800 k	380 k	12 k	840 k	370 k	130 k	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	BTEX [2] Toluene (µg/L)	BTEX [2] Ethylbenzene (µg/L)	BTEX [2] Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
MW-3 (cont'd)			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.90	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	17.95	-1.88	-1.50	0	No	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	19.25	-3.18	-1.30	0	No	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	3,200	1,300	99	68	240	1,700	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	1,300	350	120	42	120	1,300	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	17.90	-1.83	-3.32	0	No	14,000	650	210	82	250	1,200	--	--	--	--	--	--	--	--	--	<1.0	2.80	32
			11/18/96	18.19	-2.12	-0.29	0	No	1,700	440	90	21	150	1,600	--	--	--	--	--	--	--	--	--	<1.0	18	0.20
			02/20/97	9.42	6.65	8.77	0	No	<50	1.3	<0.50	<0.50	<0.50	200	--	--	--	--	--	--	--	--	--	<1.0	62	70
			05/27/97	16.67	-0.60	-7.25	0	No	12,000	1,700	1,000	520	2,900	2,400	--	--	--	--	--	--	--	--	--	<1.0	<0.10	1.90
			08/26/97	18.32	-2.25	-1.65	0	No	6,400	1,800	100	430	1,300	2,400	--	--	--	--	--	--	--	--	--	<1.0	<0.10	16
			11/25/97	17.40	-1.33	0.92	0	No	7,800	2,000	190	420	750	2,700	--	--	--	--	--	--	--	--	--	<1.0	<0.10	15
			02/13/98	6.55	9.52	10.85	0	No	3,900	1,000	<25	180	150	1,700	--	--	--	--	--	--	--	--	--	<0.10	<5.0	23
			05/21/98	13.11	2.96	-6.56	0	No	320	180	<2.0	<2.0	3.5	490	--	--	--	--	--	--	--	--	--	<1.0	13	53
			08/17/98	16.51	-0.44	-3.40	0	No	115 d	25	0.99	7.3	10	18	--	--	--	--	--	--	--	--	--	2	<1.0	5
			11/19/98	17.47	-1.40	-0.96	0	No	4,600	1,500	<12	430	190	1,800	--	--	--	--	--	--	--	--	--	<1.0	<1.0	8.20
			02/15/99	12.35	3.72	5.12	0	No	2,400	910	6.5	200	110	1,200	--	--	--	--	--	--	--	--	--	<1.0	5.30	11
			05/13/99	13.96	2.11	-1.61	0	No	1,900	640	<5.0	48	77	1,100	--	--	--	--	--	--	--	--	--	2.40	<1.0	20
			08/10/99	16.08	-0.01	-2.12	0	No	14,000	2,600	<50	680	2,000	2,000	--	--	--	--	--	--	--	--	--	1.93	<0.10	4.47
			11/09/99	17.60	-1.53	-1.52	0	No	5,060	1,330	<20	292	282	1,440	--	--	--	--	--	--	--	--	--	<0.50	4.48	6.27
			02/14/00	11.64	4.43	5.96	0	No	4,400	1,140	64.2	346	338	946	--	--	--	--	--	--	--	--	--	<0.50	5.45	8.72
			05/18/00	14.89	1.18	-3.25	0	No	2,770	884	<10	140	109	735	--	--	--	--	--	--	--	--	--	0.56	<0.20	15.10
			08/09/00	17.71	-1.64	-2.82	0	No	23,600	2,790	2,470	1,470	4,230	1,130	--	--	--	--	--	--	--	--	--	<0.10	<0.20	2.36
			11/08/00	17.51	-1.44	0.20	0	No	62,100	3,480	16,000	2,120	9,460	540	--	--	--	--	--	--	--	--	--	<0.10	<0.20	2.63
			02/14/01	14.58	1.49	2.93	0	No	32,800	2,540	2,660	2,460	7,740	320	--	--	--	--	--	--	--	--	--	<100	<50.0	1.22
			08/15/01	17.95	-1.88	-3.37	0	No	7,700	1,000	<20	830	1,500	660	--	--	--	--	--	--	--	--	--	11	29	26
			02/13/02	13.72	2.35	4.23	0	No	2,300	340	20	170	200	110	--	--	--	--	--	--	--	--	--	<0.10	<50	44
			08/26/02	17.61	-1.54	-3.89	0	No	5,900 k	960 k	<25 k	800 k	1,000 k	330 k	<1000 k	<20 k	20 k	--	--	--	--	--	<5000	<0.10	<0.50	3.60
			02/18/03	13.32	2.75	4.29	0	No	770	160	37	9.7	70	46	--	--	--	--	--	--	--	--	--	<1.0	5.20	39.00
			08/21/03	16.70	-0.63	-3.38	0	No	18,000	1,100	260	1,100	4,000	370	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0
			03/30/04	13.35	2.72	3.35	0	No	720	140	<1.0	6.0	14	47	--	--	--	--	--	--	--	--	--	<1.0	<1.0	32
			08/18/04	17.43	-1.36	-4.08	0	No	3,500	740	<2.5	25	15	150	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0
		20.69 †	03/10/05	10.89	9.80	--	0	No	130	43	1.0	1.0	6.2	19	--	--	--	--	--	--	--	--	--	--	20	54
			08/11/05	16.44	4.25	-5.55	0	No	1,900	260	6.1	12	26	140	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	13.29	7.40	3.15	0	No	2,100	330	3.6	14	58	120	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	16.37	4.32	-3.08	0	No	2,100	230 k	11	44	240	85	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.51	-2.13	-1.36	0	No	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.82	-3.44	-1.31	0	No	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	44,000	3,400	11,000	1,300	7,200	1,700	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.30	1.08	-5.42	0	No	100,000	5,100	28,000	3,200	19,000	4,000	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	41,000	2,200	3,300	780	4,000	500	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	29,000	2,300	4,000	1,100	5,600	3,000	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	<250	65	3.70	<2.5	15	1,100	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	5,500	690	460	200	1,600	290	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	21,000	1,600	3,000	1,000	5,400	530	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	24,000	1,000	2,300	840	4,800	250	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/98	5.80	8.58	10.07	0	No	62 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
MW-4 (cont'd)			05/21/98	11.86	2.52	-6.06	0	No	86	0.86	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	120	3.1	6.5	<0.50	18	6.4	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	230	7.8	42	5.5	43	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	68 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	3.0	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	1,320	38	211	50	228	<25	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	51.3	<0.50	<0.50	<0.50	<0.50	9.86	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	534	8.75	62	26.3	131	2.56	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	2,190	34	347	70.6	536	<12.5	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	287	5.37	13.4	9.52	32.9	16.9	--	--	--	--	--	--	--	--	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	490	4.2	48	20	140	2.7	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	58 d	2.30	<0.50	<0.50	1.60	21	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	180	1.50	15	1.10	55	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	550	58	3.50	<0.50	110	33	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.30	-0.92	-3.18	0	No	120	<0.50	<0.50	<0.50	1.20	<2.0	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	220	0.91	<0.50	1.50	1.30	24	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	81	<0.50	<0.50	0.60	2.80	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	8,600	290	360	560	1,800	41	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	140	3.9	6.1	2.2	7.7	0.23	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.91	7.11	3.20	0	No	2,800	70	37	200	370	43	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.08	3.94	-3.17	0	No	170 n,p	<0.50	<0.50	<0.50	<0.50	0.84	--	--	--	--	--	--	--	--	--	--	--	--
			01/26/07	14.91	4.11	0.17	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	83	--	--	--	--	--	--	--
			08/28/07	16.85	2.17	-1.94	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	43 k,r	--	--	--	--	--	--	--
			02/01/08	10.32	8.70	6.53	0	No	1,800 k	52	5.0	7.6	410 k	8.0	--	--	--	--	68	8.1	8.9	--	--	--	--	--
			07/03/08	16.32	2.70	-6.00	0	No	73	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	54	5.5	3.8	--	--	--	--	--
		19.01 †††	08/18/08	16.96	2.05	-0.65	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	15.48	3.53	1.48	0	No	130	<0.50	<0.50	0.92	2.8	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.00	2.01	-1.52	0	No	88 n,w	<0.50	<0.50	<0.50	<1.0	0.57	--	--	--	--	48	4.7	2.9	--	--	--	--	--
			01/18/10	14.89	4.12	2.11	0	No	51.2	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.39	6.62	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<1.0	48.2	7.1	5.9	<1.0	<250	--	--	--
			07/14/10	15.49	3.52	-3.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	2.1	37.2 x, y	4.2	3.3	<1.0	<250	--	--	--
			01/06/11	11.83	7.18	3.66	0	No	56.4 bb	0.65	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	25.3	--	--	--	<250	--	--	--
			02/02/12	15.73	3.28	-3.90	0	No	88.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	2.3	47.1	3.3	2	<1.0	<250	--	--	--
			05/30/12 ee	14.86	4.15	0.87	0	No	60.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	1.8	44.6	3.6	1.8	<1.0	<250	--	--	--
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.80	0.45	-1.11	0	No	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.10	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.51	-2.26	-1.41	0	No	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.77	-3.52	-1.26	0	No	200 c	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	310	93	0.95	0.62	4.10	2,100	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	180	9.70	12	1.70	8.10	730	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.50	-2.25	-3.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	91	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	<50	2.30	<0.50	<0.50	0.87	280	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.23	-0.98	-6.45	0	No	91	<0.50	<0.50	<0.50	0.62	20	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	81	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	110	1.40	1.10	0.55	3.10	9	--	--	--	--	--	--	--	--	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	100 d	0.53	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	120	1.40	<0.50	<0.50	<0.50	73	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	110	110	<0.50	<0.50	<0.50	11	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	100 f	1.20	<0.50	0.50	0.88	13	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	110 d	<0.50	<0.50	<0.50	8.80	8.80	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	98	<0.50	<0.50	<0.50	<0.50	7.10	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.40	-1.15	-2.73	0	No	120 e	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	120 d	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	133 d	<0.50	<0.50	<0.50	<0.50	13.30	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
MW-5 (cont'd)			05/18/00	13.55	0.70	-3.48	0	No	114 d	<0.50	<0.50	<0.50	<0.50	24.10	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.50	-2.25	-2.95	0	No	180 i	0.53	2.09	<0.50	2.19	7.76	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	131	<0.50	<0.50	<0.50	<0.50	2.86	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	175 d	<0.50	0.54	<0.50	0.69	13.40	--	--	--	--	--	--	--	--	--	--	--	19.46
			08/15/01	16.55	-2.30	-3.48	0	No	390	3.40	38	16	110	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	100 d	1.40	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	310	7.20	33	4.60	76	<2.5	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	400	64	<1.0	<1.0	6.40	210	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	310	3.30	4.30	1.10	14.00	2.10	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	360	13	<0.50	<0.50	<1.0	73	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	50,000	740	830	2,200	20,000	120	--	--	--	--	--	--	--	--	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	530	7.80	<1.0	<1.0	2.40	320	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	350	12	6.3	2.5	32	3.2	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.82	7.07	3.25	0	No	460	2.8	<0.50	<0.50	<1.0	43	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.04	3.85	-3.22	0	No	370 n,p	<0.50	<0.50	<0.50	<0.50	9.4	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																							
MW-6	13 - 19	19.07 ††	01/26/07	14.79	4.28	--	0	No	67,000 k	380 k	8,600 k	3,600 k	17,000 k	62	--	--	--	--	<0.50	--	--	--	--	--	--	--
			08/28/07	16.75	2.32	-1.96	0	No	67,000 k,q	520 k	6,300 k	4,600 k	25,000 k	100 k	--	--	--	--	<50 k,r	--	--	--	--	--	--	--
			02/01/08	10.80	8.27	5.95	0	No	69,000 k	720 k	5,000 k	3,100 k	21,000 k	130 k	--	--	<50 k	--	<50 k	<50 k	<50 k	--	--	--	--	--
			07/03/08	16.21	2.86	-5.41	0	No	86,000 k	600 k	4,700 k	4,000 k	26,000 k	100	--	--	--	--	<0.50	<0.50	<0.50	--	--	--	--	--
		19.08 †††	08/18/08	16.87	2.20	-0.66	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	15.41	3.67	1.47	0	No	57,000 k	1,200 k	15,000 k	2,700 k	13,000 k	110 k	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.93	2.15	-1.52	0	No	68,000 k	1,000 k	3,600 k	4,300 k	25,000 k	210 k	--	--	--	--	<0.50	<0.50	<0.50	--	--	--	--	--
			01/18/10	14.74	4.34	2.19	0	No	54,900	2,020	8,090	3,340	17,700	171	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.31	6.77	2.43	0	No	--	--	--	--	27,600	--	31	<0.50	<1.0	<1.0	1.3	<1.0	4.5	3.3	<250	--	--	--
			07/14/10	15.38	3.70	-3.07	0	No	107,000	1,410	3,240	4,090	17,900	142	134	0.54	<1.0	<1.0	<1.0 x, y	<1.0	1	1.3	<250	--	--	--
			01/06/11	11.70	7.38	3.68	0	No	47,500	1,510	2,340	2,750	10,600	194	14.1	<0.50	<1.0	--	<1.0	--	--	--	<250	--	--	--
			02/02/12	15.62	3.46	-3.92	0	No	62,600 k	1,820 k	7,750 k	3,540 k	14,200 k	220 k	<250 k	<25 k	<50 k	<50 k	<50 k	<50 k	<50 k	<50 k	<12500	--	--	--
			05/30/12 ee,ss	14.68	4.40	0.94	0	No	60,100	1,080	1,220	3,860	14,200	94.1	42.5	<0.50	<1.0	<1.0	<1.0	<1.0	1.6	1.6	<250	--	--	--
MW-7	22 - 25	21.74 ††	01/26/07	17.17	4.57	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	100 k	--	--	--	--	--	--	--
			08/28/07 u	19.19	2.55	-2.02	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	-- s	--	--	--	--	--	--	--
			02/01/08	12.64	9.10	6.55	0	No	160 n,w	0.99	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	84 k	7.5	15	--	--	--	--	--
			07/03/08	18.60	3.14	-5.96	0	No	130 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	97	4.8	4.6	--	--	--	--	--
			08/18/08	19.34	2.40	-0.74	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	17.80	3.94	1.54	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	19.20	2.54	-1.40	0	No	150 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	130 k	7.2	8.0	--	--	--	--	--
			01/18/10	17.17	4.57	2.03	0	No	191	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	14.83	6.91	2.34	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	1.3	172	12.5	14.5	<1.0	<250	--	--	--
			07/14/10	17.78	3.96	-2.95	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	69.5 x, y	5.2	5.3	<1.0	<250	--	--	--
			01/06/11	14.13	7.61	3.65	0	No	99.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	62.4	--	--	--	<250	--	--	--
			02/02/12	18.07	3.67	-3.94	0	No	176.0 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	1.6	165	8.6	10	<1.0	<250	--	--	--
			05/30/12 ee	17.00	4.74	1.07	0	No	304	<0.50	<0.50	4.3	21.5	<0.50	<5.0	<0.50	<1.0	1.2	169	9.5	8.2	<1.0	<250	--	--	--
MW-8	17 - 30	18.42 ††	01/26/07	14.09	4.33	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	26	--	--	--	--	--	--	--
			08/28/07	15.98	2.44	-1.89	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	15 r	--	--	--	--	--	--	--
			02/01/08	9.66	8.76	6.32	0	No	59 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	29	1.5	0.70	--	--	--	--	--
			07/03/08	14.57	3.85	-4.91	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	18	1.1	<0.50	--	--	--	--	--
			08/18/08	16.11	2.31	-1.54	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	14.64	3.78	1.47	0	No	77 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.16	2.26	-1.52	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	19	1.3	<0.50	--	--	--	--	--
			01/18/10	14.03	4.39	2.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	11.53	6.89	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	1.7	31.6	1.7	<2.0	<1.0	<250	--	--	--
			07/14/10	14.69	3.73	-3.16	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	1.3	15.4 x, y	1.2	<1.0	<1.0	<250	--	--	--
			01/06/11	11.09	7.33	3.60	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	14.9	--	--	--	<250	--	--	--
			02/02/12	14.90	3.52	-3.81	0	No	64.4 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	1.4	24.8	1.4	<1.0	<1.0	<250	--	--	--
			05/30/12 ee	14.09	4.33	0.81	0	No	**Monitoring well not sampled - gauged only**																	
MW-9	11.5 - 15	19.42 ††	01/26/07	14.90	4.52	--	0	No	<50 n,q	<0.50	<0.50	<0.50	0.73	<0.50	--	--	--	--	10	--	--		--	--	--	--
			08/28/07	14.98	4.44	-0.08	0	No	**Monitoring well not sampled - reported as dry**																	
			2/1/2008	10.50	8.92	4.48	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	10	0.88	0.85	--	--	--	--	--
			07/03/08	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
MW-5 (cont'd)			08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			03/30/10	12.62	6.80	--	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	6.7	<1.0	<2.0	<1.0	<250	--	--	--
			07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			01/06/11	11.90	7.52	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	6.4	<1.0	<1.0	<1.0	<250	--	--	--
			02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			05/30/12 ee	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
MW-10	6 - 13.5	19.17 †††	08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			03/30/10	12.47	6.70	--	0	No	**Monitoring well not sampled - insufficient water column**																	
			07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			01/06/11	12.16	7.01	--	0	No	**Monitoring well not sampled - gauged only**																	
			02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																	
			MONITORING WELL DESTROYED ON 04/11/2012																							
MW-10R	6 -- 21	19.11 †††††	05/30/12 ee, ss	15.02	4.09	--	0	No	89,300	77.0	103	5,670	27,900	5.0	6.3	<0.50	<1.0	<1.0	<1.0	<1.0	16.1	2.9	<250	--	--	--
MW-11	5 - 15	19.23 †††	08/18/08	14.71	4.52	--	0	No	**Monitoring well not sampled - gauged only**																	
			01/30/09	14.80	4.43	-0.09	0	No	**Monitoring well not sampled - insufficient water column**																	
			07/30/09	14.83	4.40	-0.03	0	No	**Monitoring well not sampled - insufficient water column**																	
			01/18/10	14.62	4.61	0.21	0	No	**Monitoring well not sampled - insufficient water column**																	
			03/30/10	12.52	6.71	2.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<250	--	--	--
			07/14/10	14.53	4.70	-2.01	0	No	**Monitoring well not sampled - insufficient water column**																	
			01/06/11	13.05	6.18	1.48	0	No	**Monitoring well not sampled - gauged only**																	
			02/02/12	14.68	4.55	-1.63	0	No	**Monitoring well not sampled - gauged only**																	
			05/30/12 ee	14.25	4.98	0.43	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<250	--	--	--
MW-12B	19 - 29	18.68 †††	08/18/08	16.99	1.69	--	0	No	290 n	<0.50	<0.50	0.70	1.9	3.5 k	<10.0	<0.50	<0.50	--	270 k	36	41	--	<250	--	--	--
			01/30/09	15.50	3.18	1.49	0	No	1,300 k	<1.2 k	<1.2 k	2.3 k	7.7 k	<1.2 k	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.07	1.61	-1.57	0	No	300 k,n,w	<1.0 k	<1.0 k	<1.0 k	2.9 k	1.5 k	--	--	--	--	170 k	25 k	39 k	--	--	--	--	--
			01/18/10	14.97	3.71	2.10	0	No	221	1.9	1.7	1.7	5.8	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.24	6.44	2.73	0	No	<50.0	--	--	--	--	--	<5.0	<0.50	<1.0	<1.0	221	29.4	37.6	<1.0	<250	--	--	--
			07/14/10	15.55	3.13	-3.31	0	No	296 aa	<0.50	<0.50	<0.50	<1.5	2.10	<5.0	<0.50	<1.0	<1.0	139 x,y,z	19.7	28.1	<1.0	<250	--	--	--
			01/06/11	11.81	6.87	3.74	0	No	243 bb	<0.50	<0.50	<0.50	<1.5	0.60	<5.0	<0.50	<1.0	--	152	--	--	--	<250	--	--	--
			02/02/12	15.77	2.91	-3.96	0	No	283 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	221	17.6	28.7	<1.0	<250	--	--	--
			05/30/12 ee	14.92	3.76	0.85	0	No	**Monitoring well not sampled - gauged only**																	
MW-13B	21 - 31	19.14 †††	08/18/08	16.92	2.22	--	0	No	300 n	3	0.98	<0.50	5.4	3.5 k	<10.0	<0.50	<0.50	--	280 k	33 k	32	--	<250	--	--	--
			01/30/09	15.41	3.73	1.51	0	No	430 k,n,w	<1.2 k	<1.2 k	<1.2 k	<2.5 k	<1.2 k	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.00	2.14	-1.59	0	No	390 k,n,w	4.9 k	<1.0 k	<1.0 k	<2.0 k	3.0 k	--	--	--	--	160 k	20 k	14 k	--	--	--	--	--
			01/18/10	14.81	4.33	2.19	0	No	314	<0.50	<0.50	<0.50	<1.5	1.1	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.10	7.04	2.71	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	2.4	460	42.6	45.5	<1.0	<250	--	--	--
			07/15/10	15.47	3.67	-3.37	0	No	1,340	145	<0.50	4.0	<1.5	91.3	96.6	<0.50	<1.0	1.3	139 x, y	22.9	20.1	1.1	<250	--	--	--
			01/06/11	11.79	7.35	3.68	0	No	403 bb	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<0.50	<1.0	--	233	--	--	--	<250	--	--	--
			02/02/12	15.70	3.44	-3.91	0	No	216 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	1.1	146	13.9	11.1	<1.0	<250	--	--	--
			05/30/12 ee	14.82	4.32	0.88	0	No	2,110	321 dd	0.75	2.7	6.7	90.8	45.3	<0.50	<1.0 dd	<1.0	189 dd	19.4	17.5	1.2	<250	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	08/18/08	16.26	2.21	--	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	21	1.4	0.83	--	<250	--	--	--
			01/30/09	14.81	3.66	1.45	0	No	85 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.31	2.16	-1.50	0	No	61 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	27	1.8	0.77	--	--	--	--	--
			01/18/10	14.20	4.27	2.11	0	No	<50	<0.50	<0.50	0.52	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	11.78	6.69	2.42	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	2.7	38.4	2.5	<2.0	<1.0	<250	--	--	--
			07/14/10	14.80	3.67	-3.02	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	2.5	19.9 x, y	1.6	1.1	<1.0	<250	--	--	--
			01/06/11	11.18	7.29	3.62	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	24.3	--	--	--	<250	--	--	--
			02/02/12	15.05	3.42	-3.87	0	No	75.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	2.7	28.1	1.4	1.0	<1.0	<250	--	--	--
			05/30/12 ee	14.20	4.27	0.85	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	2.5	30	1.7	<1.0	<1.0	<250	--	--	--
MW-15B	17 - 27	19.12 †††	08/18/08	17.32	1.80	--	0	No	61 n	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	<1.0	60	2.5	1.9	--	<250	--	--	--
			01/30/09	15.80	3.32	1.52	0	No	110 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.40	1.72	-1.60	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	100	4.7	6.0	--	--	--	--	--
			01/18/10	15.21	3.91	2.19	0	No	81.8	<0.50	<0.50	<0.50	<1.5	<0.50 z	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
MW-15B (cont'd)			03/30/10	12.69	6.43	2.52	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<1.0	82.7	2.2	3.8	<1.0	<250	--	--	--
			07/14/10	15.82	3.30	-3.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	36.4 x, y	2.2	2.9	<1.0	<250	--	--	--
			01/06/11	12.10	7.02	3.72	0	No	93.1 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	60.4	--	--	--	<250	--	--	--
			02/02/12	16.05	3.07	-3.95	0	No	191 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	139	4.7	6.8	<1.0	<250	--	--	--
			05/30/12 ee	15.25	3.87	0.80	0	No	**Monitoring well not sampled - gauged only**																	
MW-17B	21 - 27	18.75 ††††	06/07/11	13.33	5.79	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	1.0	9.3	<1.0	<1.0	<1.0	<250	--	--	--
			02/02/12	15.10	3.65	-2.14	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	9.5	<0.50	<1.0	<1.0	10.6	<1.0	<1.0	<1.0	<250	--	--	--
			05/30/12 ee	14.14	4.61	0.96	0	No	**Monitoring well not sampled - gauged only**																	
MW-18	**6 -- 21**	19.61 †††††	05/30/12 ee, ss	15.27	4.34	--	0	No	98,900	3,420	23,000	2,440	15,200	1,270	2,460	<0.50	<1.0	<1.0	14.7	2.5	3.8	<1.0	<250	--	--	--
MW-19	**6 -- 21**	19.06 †††††	05/30/12 ee,ss	14.85	4.21	--	0	No	15,700	13.5	14.0	427	2,180	0.83	<5.0	<0.50	<1.0	1.1	12.9	1.6	6.0	<1.0	<250	--	--	--
QCTB			03/10/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.81	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			12/15/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	<1.0	--	--	--	--	--	--	<250	--	--	--
			01/26/07	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50	--	--	--	--	--	--	--
			08/28/07	--	--	--	--	--	<500 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	--	--	--	--	--	--	--	--	--	--	--	--
			02/01/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/03/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
QCTB (cont'd)			08/18/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			01/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
TB1			01/18/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
			07/14/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<250	--	--	--
			01/06/11	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	<0.50	--	--	--	<250	--	--	--
			02/02/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<250	--	--	--
			05/30/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<250	--	--	--
CRWQCB ESLs (Potential Drinking Water Resource):									**100**	**1.0**	**40**	**30**	**20**	**5.0**	**12.0**	**--**	**0.50**	**70**	**5.0**	**5.0**	**6.0**	**0.50**	**--**	**--**	**--**	**--**

Notes:

<	Denotes less than Practical Quantitation Limit (PQL) or Minimum Detection Level (MDL)	TOC	Top of Casing	GRO	Gasoline range organics	1,2-DCA	1,2-dichloroethane
--	Not analyzed/applicable/measured	GW	Groundwater	BTEX	Benzene, toluene, ethylbenzene, xylenes	PCE	Tetrachloroethylene
CRWQCB	California Regional Water Quality Control Board	GWE	Groundwater Elevation	MTBE	Methyl tert-butyl ether	TCE	Trichloroethylene
ESLs	Environmental Screening Levels	NAPL	Non-aqueous phase liquid	TBA	Tert-butyl alcohol	cis-1,2-DCE	cis-1,2-dichloroethylene
EPA	U.S. Environmental Protection Agency	µg/L	micrograms per liter	TAME	Tert-amyl methyl ether	VC	Vinyl chloride
QCTB & TB1	Trip blank samples for quality control	mg/L	milligrams per liter				

♦ The elevations were surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)

† TOC elevations were surveyed by Morrow Surveying on August 13, 2005 to the NAVD 88 datum by GPS observations.

†† TOC elevations were surveyed by Morrow Surveying on January 16, 2007 to the NAVD 88 datum by GPS observations.

††† TOC elevations were surveyed by Mid Coast Engineers on August 18, 2008 to the NAVD 88 datum by GPS observations.

†††† TOC elevation was surveyed by Mid Coast Engineers on June 6, 2011 to the NAVD 88 datum by GPS observations.

††††† TOC elevation was surveyed by Mid Coast Engineers on May 25, 2012 to the NAVD 88 datum by GPS observations.

1 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.

2 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.

3 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.

4 Analyzed by EPA Method 8260B.

a The presence of MTBE was potentially identified at reportable levels.

b The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.

c The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.

d Chromatograph pattern: unidentified hydrocarbons C6-C12

e Chromatograph pattern: weathered gasoline: C6-C12

f Chromatograph pattern: discrete peaks C8-C12

g Chromatograph pattern: discrete peaks

h Sample was additionally run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.

i Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.

j The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	Chloroform [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	VC [4] (µg/L)	Ethanol [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)													
k	Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")																									
l	Detection limit raised due to sample dilution																									
m	Estimated value																									
n	Chromatogram not typical of gasoline.																									
o	The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.																									
p	TPPH was positive due to PCE present in the sample.																									
q	PCE, TCE, and/or 1,2-DCE were subtracted from the gasoline range TPPH, or GRO.																									
r	Sample hold time was exceeded.																									
s	Not enough sample to re-run for PCE.																									
t	First run did not pass, sample had to be diluted due to not enough sample. Only one voa submitted to lab.																									
u	Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007																									
v	Sample also analyzed for TPH-diesel (reported at a concentration of 28,000, with the chromatogram reporting a diesel and non-diesel mixture (<C16, >C22)																									
w	Result was positive due to PCE and TCE present in the sample.																									
x	Data from re-sampling event on 3/30/2010.																									
y	"L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.																									
z	"M0" = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory reporting limits.																									
aa	"T4" = Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.																									
bb	"1n" = The GRO result for this sample did not match the pattern of the laboratory standard for gasoline, likely due to the presence of PCE in the sample																									
cc	GRO primarily contained compounds not found in typical gasoline																									
dd	"M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.																									
ee	samples also tested for full VOCs, refer to laboratory analytical report for full list of analytes and results.																									
S5	Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).																									
	Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and 7/30/09, and by Pace Analytical / Kiff Analytical between 1/18/10 and the present.																									

Figures

Figure 1 Site Location Map

Figure 2 Site Plan

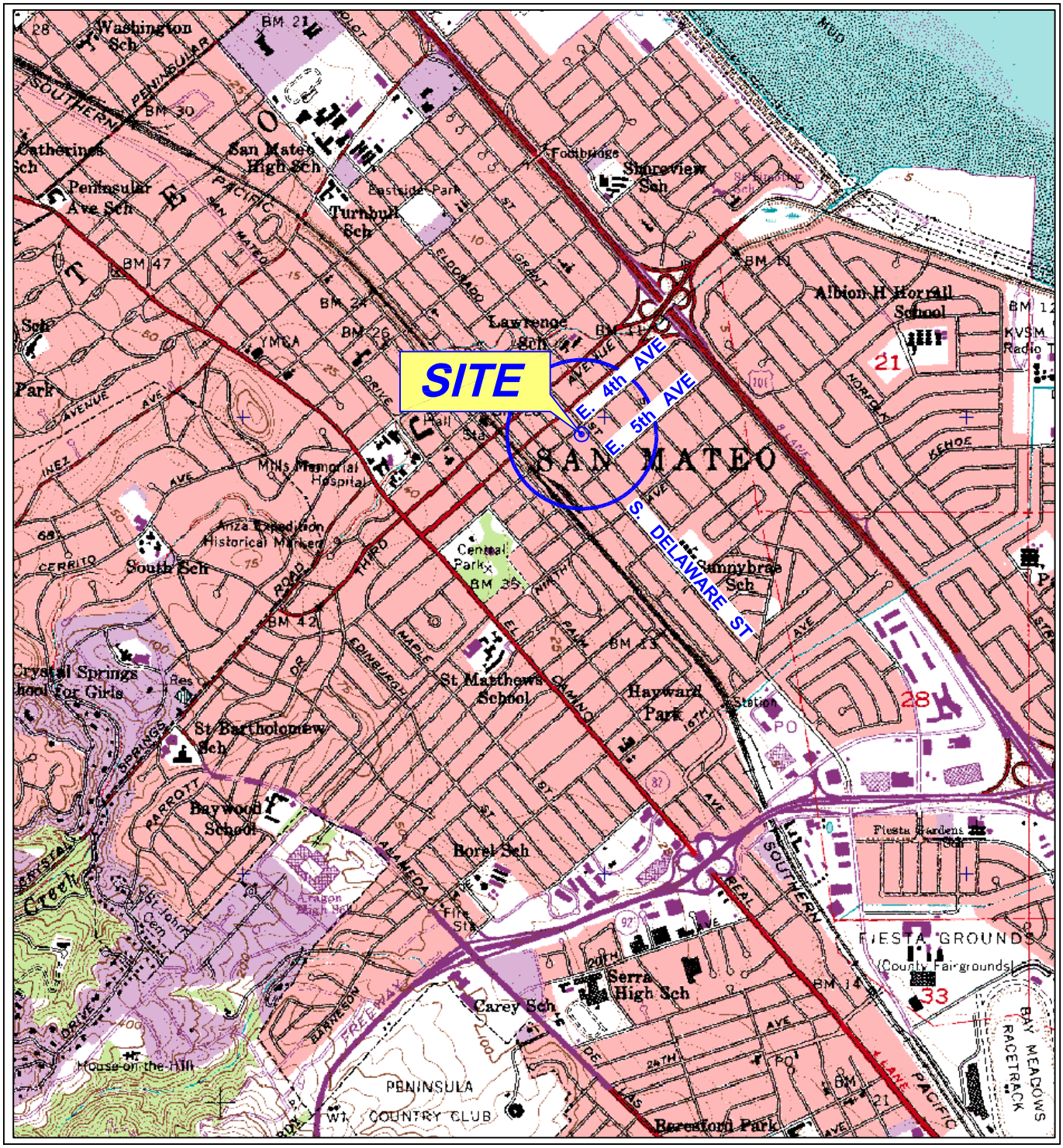
Figure 3 Extended Site Plan

Figure 4 Soil Concentration Map

Figure 5 Dissolved-Phase GRO Isoconcentration Map

Figure 6 Dissolved-Phase Benzene Isoconcentration Map

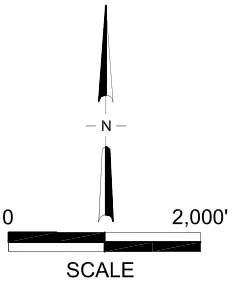
Figure 7 Most Recent PCE, TCE, and C-1,2-DCE Concentrations (2010-2012)



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



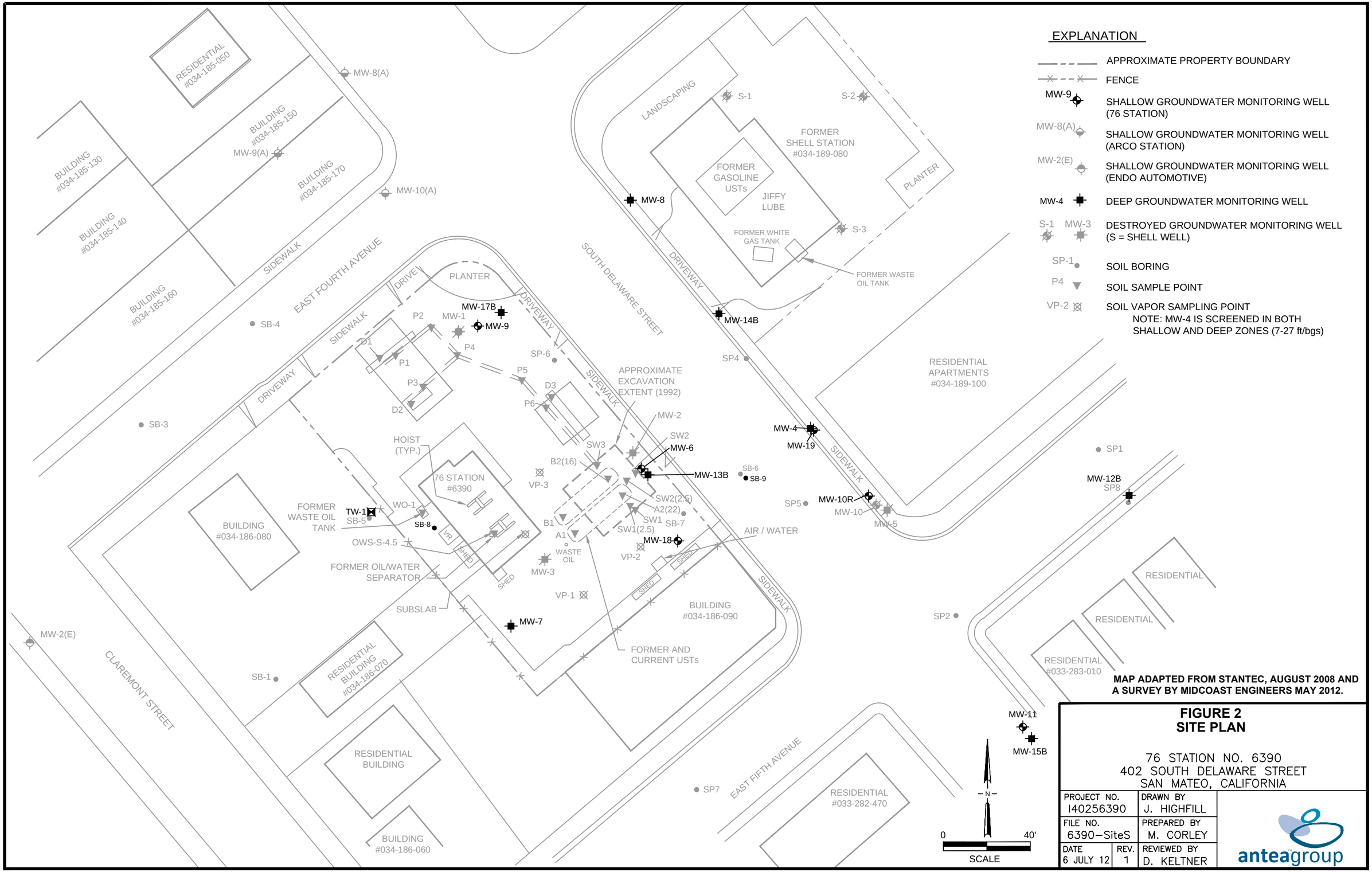
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup



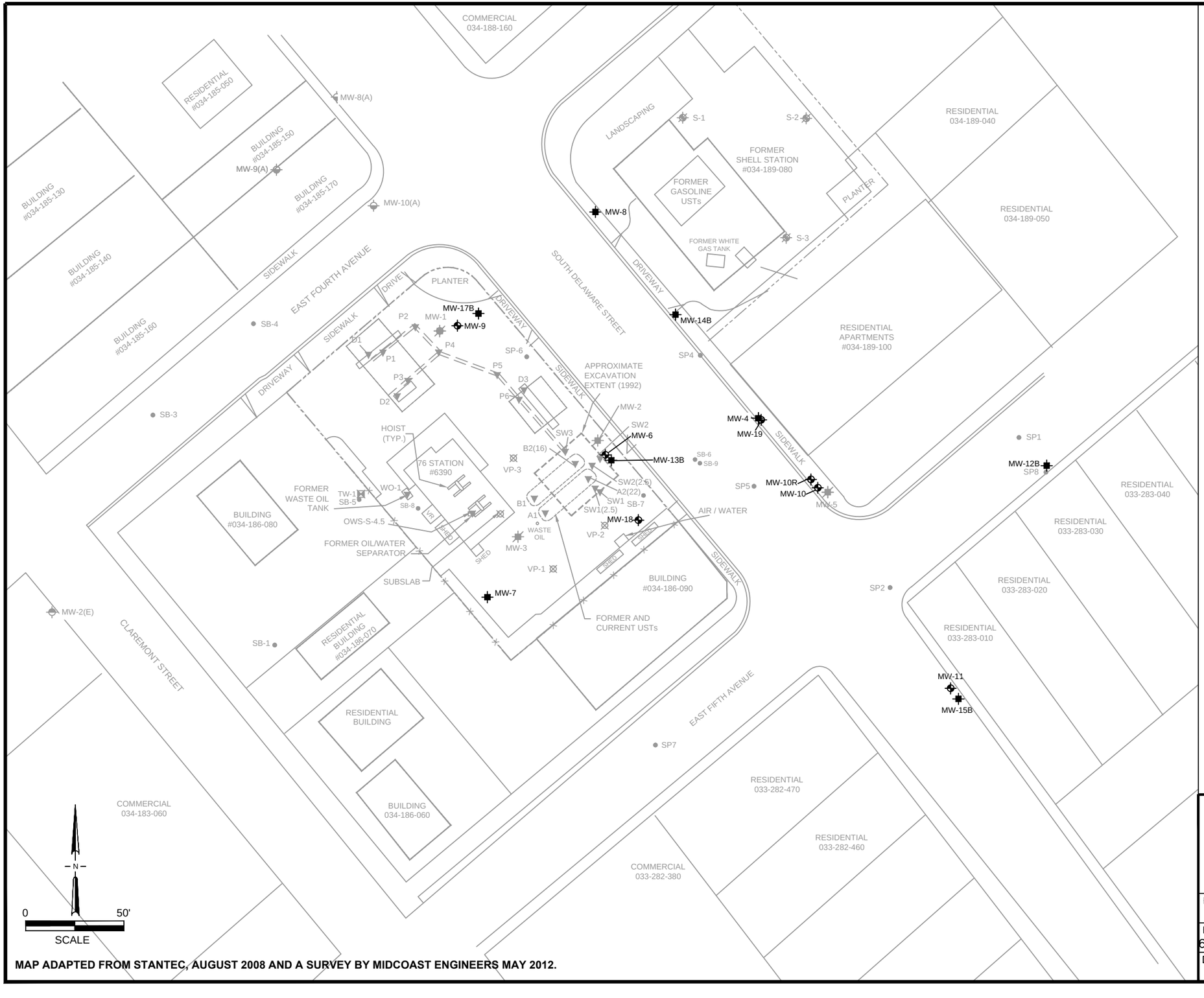
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

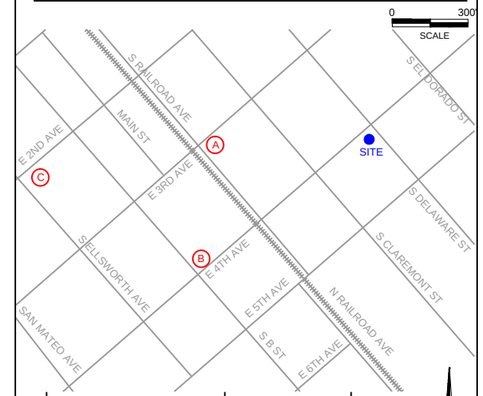
PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS		PREPARED BY M. CORLEY	
DATE 6 JULY 12	REV. 1	REVIEWED BY D. KELTNER	

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MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

PROXIMITY OF UPGRADIENT DRYCLEANERS TO SITE



ID	NAME	ADDRESS	DISTANCE
A	FAMILY CLEANERS	412 E 3RD AVE	700 ft
B	WARDROBE CLEANERS	344 E 4TH AVE	875 ft
C	RNU IT CLEANERS	200 E 2ND ST	1,250 ft

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL
  S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

FIGURE 3
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390–ExSiteS		PREPARED BY D. KELTNER	
DATE 6 JULY 12	REV. 1	REVIEWED BY D. UMLAND	

anteagroup

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
  NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

NOTES:

D = DEPTH (ft/bgs)
GRO = GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg)
B = BENZENE CONCENTRATION (mg/kg)
PCE = TETRACHLOROETHENE CONCENTRATION (mg/kg)

ft/bgs = FEET BELOW GROUND SURFACE
mg/kg = MILLIGRAMS PER KILOGRAM
< = LESS THAN LABORATORY INDICATED REPORTING LIMITS

SB-8	(5/16/12)			
D	9	17.5	23.5	27.5
GRO	<1.0	<1.0	<1.0	<1.0
B	<0.0050	<0.0050	<0.0050	<0.0050
PCE	<0.0050	<0.0050	0.012	0.013

MW-19	(4/11/12)
D	18.0
GRO	180
B	<0.025
PCE	<0.025

MW-10R	(4/11/12)
D	18.5
GRO	<1.0
B	<0.0050
PCE	<0.0050

MW-18	(5/16/12)	
D	15.5	19.5
GRO	<1.0	2200
B	<0.0050	2.1
PCE	<0.0050	<0.40

RESIDENTIAL #034-185-050
BUILDING #034-185-130
BUILDING #034-185-140
BUILDING #034-185-150
BUILDING #034-185-160
BUILDING #034-185-170
MW-8(A)
MW-9(A)
MW-10(A)
SIDEWALK
EAST FOURTH AVENUE
SB-4
SB-3
SB-2
DRIVE
PLANTER
DRIVEWAY
SIDEWALK
MW-17B
MW-9
MW-1
P2
P4
D1
P1
P3
D2
SP-6
P5
D3
P6
APPROXIMATE EXCAVATION EXTENT (1992)
MW-2
SW2
MW-6
SW3
B2(16)
VP-3
MW-13B
SB-6
SB-9
SW2(2.5)
A2(22)
SW1
SB-7
SW1(2.5)
B1
A1
WASTE OIL
VP-2
MW-18
AIR / WATER
MW-3
VP-1
SHED
HOIST (TYP.)
76 STATION #6390
FORMER WASTE OIL TANK
TW-1
SB-5
SB-8
WO-1
VR
OWS-S-4.5
FORMER OIL/WATER SEPARATOR
SUBSLAB
BUILDING #034-186-080
MW-7
FORMER AND CURRENT USTs
BUILDING #034-186-090
SOUTH DELAWARE STREET
LANDSCAPING
S-1
S-2
FORMER SHELL STATION #034-189-080
FORMER GASOLINE USTs
JIFFY LUBE
PLANTER
MW-8
S-3
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
DRIVEWAY
MW-14B
SP4
RESIDENTIAL APARTMENTS #034-189-100
MW-4
MW-19
SIDEWALK
SP5
MW-10R
MW-10
MW-5
SP1
MW-12B
SP8
RESIDENTIAL
RESIDENTIAL
RESIDENTIAL
RESIDENTIAL #033-283-010
SP2
MW-2(E)
CLAREMONT STREET
SB-1
RESIDENTIAL BUILDING #034-186-070
RESIDENTIAL BUILDING
BUILDING #034-186-060
SP7
EAST FIFTH AVENUE
RESIDENTIAL #033-282-470
MW-11
MW-15B
N
0
40'
SCALE

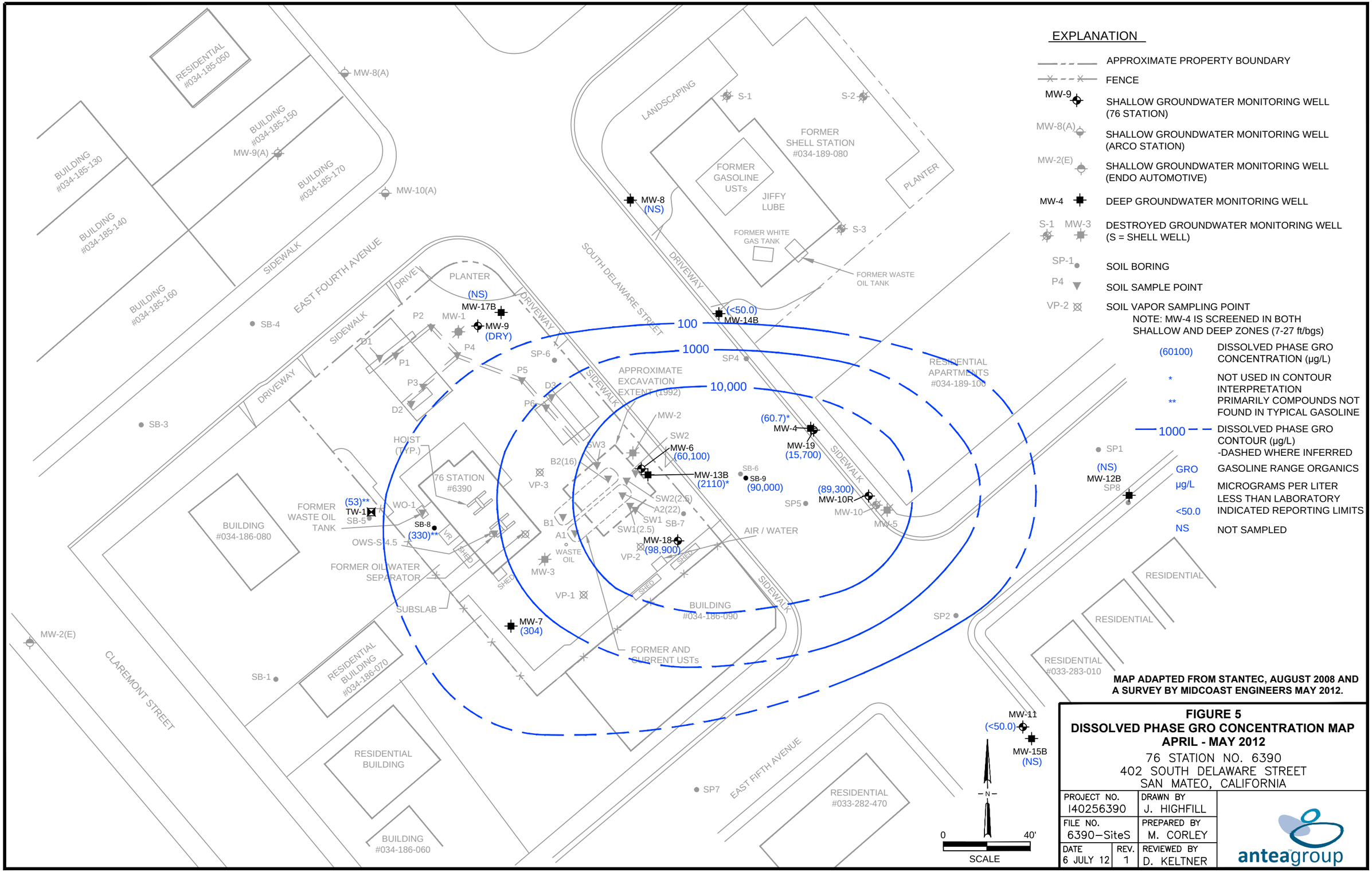
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 4
SOIL ANALYTICAL MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390–SiteS	M. CORLEY
DATE / REV.	REVIEWED BY
6 JULY 12 / 1	D. KELTNER

antea group



MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 5
DISSOLVED PHASE GRO CONCENTRATION MAP
APRIL - MAY 2012
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS		PREPARED BY M. CORLEY	
DATE 6 JULY 12	REV. 1	REVIEWED BY D. KELTNER	antea group

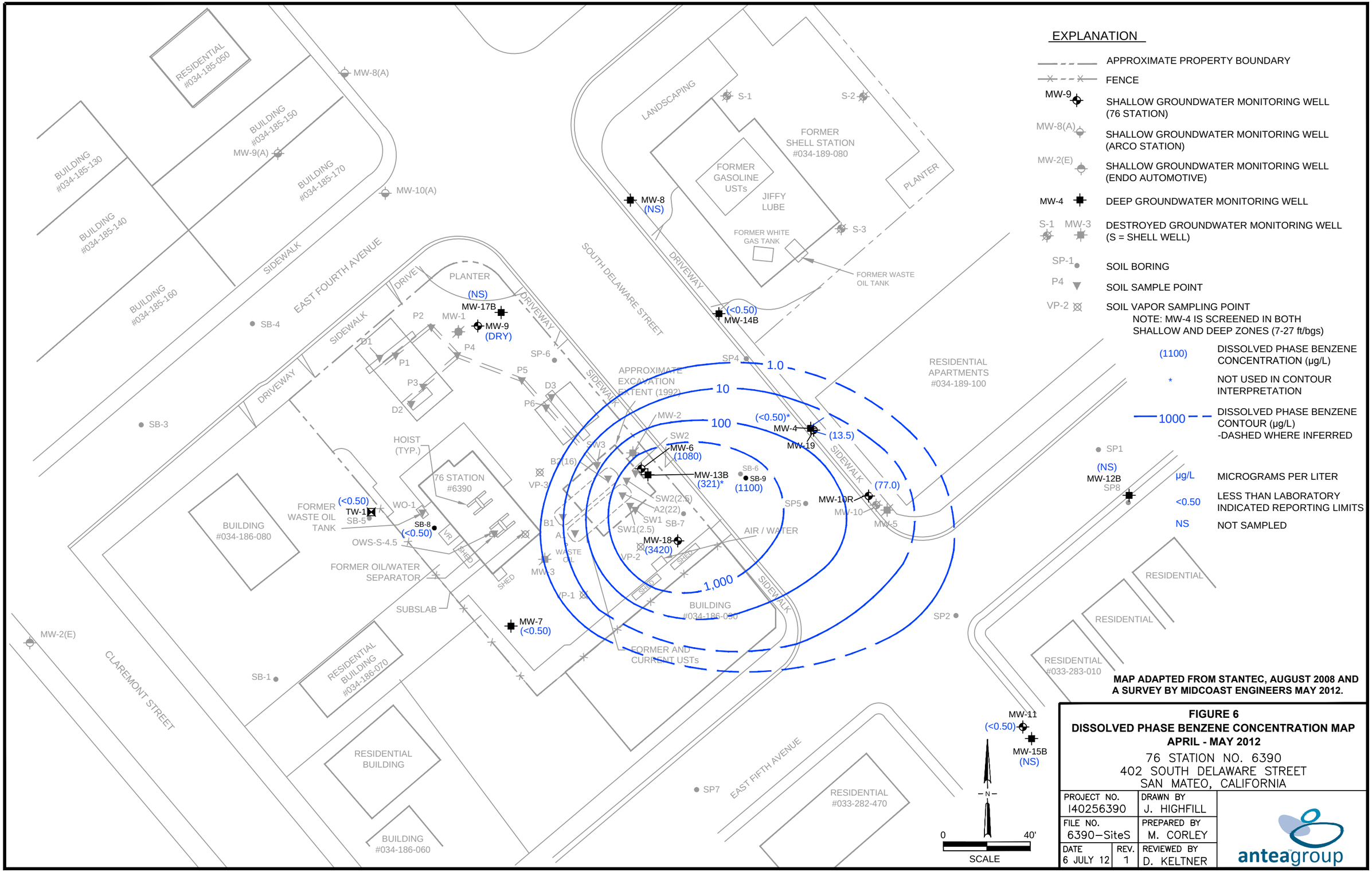
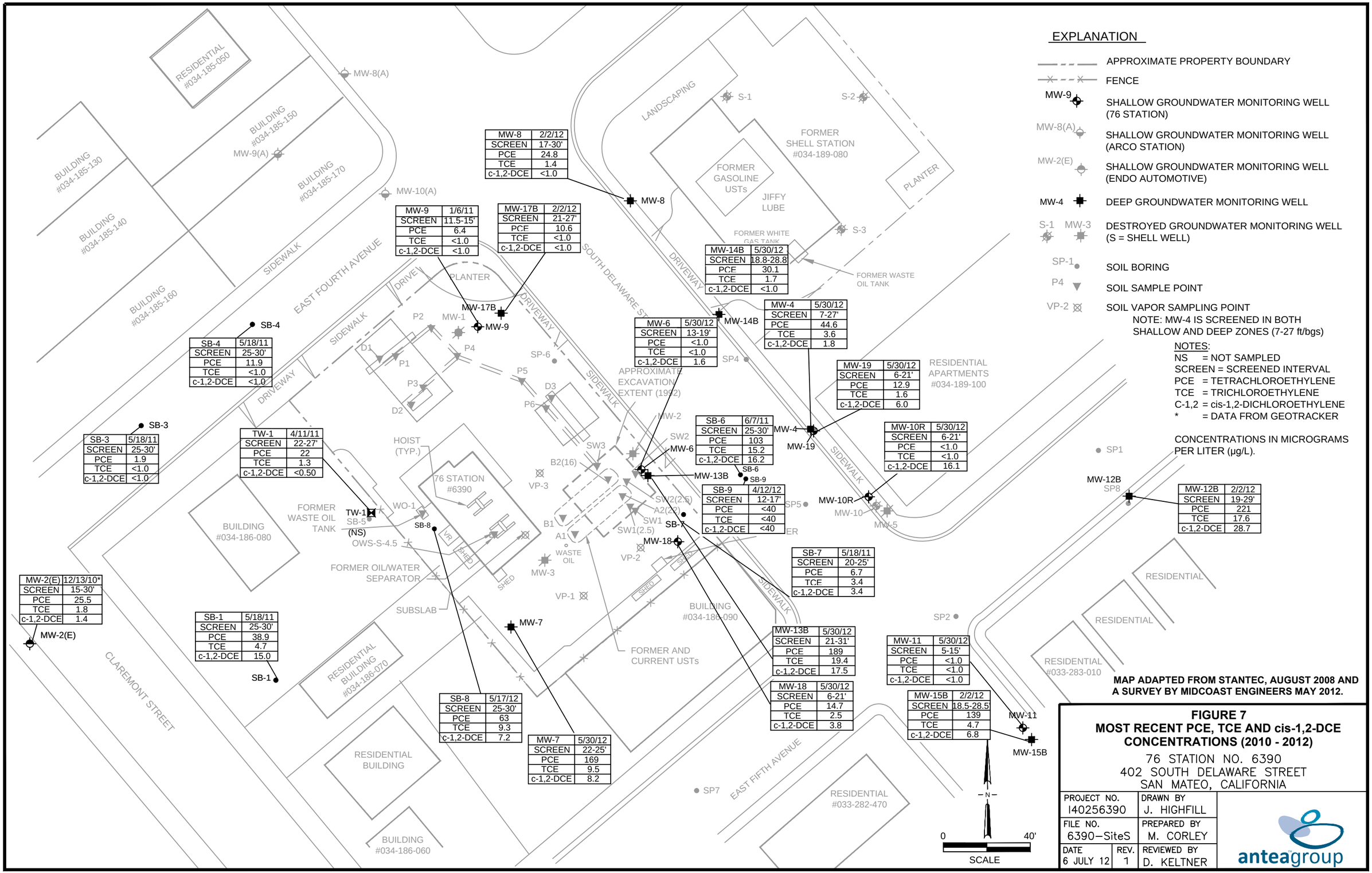


FIGURE 6
DISSOLVED PHASE BENZENE CONCENTRATION MAP
APRIL - MAY 2012
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	antea group
FILE NO. 6390-SiteS		PREPARED BY M. CORLEY	
DATE 6 JULY 12	REV. 1	REVIEWED BY D. KELTNER	


EXPLANATION
APPROXIMATE PROPERTY BOUNDARY
FENCE
MW-9 SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
MW-8(A) SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
MW-2(E) SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
MW-4 DEEP GROUNDWATER MONITORING WELL
S-1 MW-3 DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
SP-1 SOIL BORING
P4 SOIL SAMPLE POINT
VP-2 SOIL VAPOR SAMPLING POINT
NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)
NOTES:
NS = NOT SAMPLED
SCREEN = SCREENED INTERVAL
PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
C-1,2 = cis-1,2-DICHLOROETHYLENE
* = DATA FROM GEOTRACKER
CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L).
RESIDENTIAL #034-185-050
BUILDING #034-185-150
BUILDING #034-185-130
BUILDING #034-185-140
BUILDING #034-185-170
BUILDING #034-185-160
MW-8(A)
MW-9(A)
MW-10(A)
SIDEWALK
EAST FOURTH AVENUE
DRIVE
PLANTER
SOUTH DELAWARE ST
DRIVEWAY
LANDSCAPING
S-1
S-2
S-3
FORMER SHELL STATION #034-189-080
FORMER GASOLINE USTs
JIFFY LUBE
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
MW-8 2/2/12 SCREEN 17-30' PCE 24.8 TCE 1.4 c-1,2-DCE <1.0
MW-9 1/6/11 SCREEN 11.5-15' PCE 6.4 TCE <1.0 c-1,2-DCE <1.0
MW-17B 2/2/12 SCREEN 21-27' PCE 10.6 TCE <1.0 c-1,2-DCE <1.0
MW-14B 5/30/12 SCREEN 18.8-28.8 PCE 30.1 TCE 1.7 c-1,2-DCE <1.0
MW-4 5/30/12 SCREEN 7-27' PCE 44.6 TCE 3.6 c-1,2-DCE 1.8
MW-6 5/30/12 SCREEN 13-19' PCE <1.0 TCE <1.0 c-1,2-DCE 1.6
MW-19 5/30/12 SCREEN 6-21' PCE 12.9 TCE 1.6 c-1,2-DCE 6.0
MW-10R 5/30/12 SCREEN 6-21' PCE <1.0 TCE <1.0 c-1,2-DCE 16.1
SB-6 6/7/11 SCREEN 25-30' PCE 103 TCE 15.2 c-1,2-DCE 16.2
SB-9 4/12/12 SCREEN 12-17' PCE <40 TCE <40 c-1,2-DCE <40
SB-7 5/18/11 SCREEN 20-25' PCE 6.7 TCE 3.4 c-1,2-DCE 3.4
MW-13B 5/30/12 SCREEN 21-31' PCE 189 TCE 19.4 c-1,2-DCE 17.5
MW-18 5/30/12 SCREEN 6-21' PCE 14.7 TCE 2.5 c-1,2-DCE 3.8
MW-11 5/30/12 SCREEN 5-15' PCE <1.0 TCE <1.0 c-1,2-DCE <1.0
MW-15B 2/2/12 SCREEN 18.5-28.5 PCE 139 TCE 4.7 c-1,2-DCE 6.8
MW-12B 2/2/12 SCREEN 19-29' PCE 221 TCE 17.6 c-1,2-DCE 28.7
SB-4 5/18/11 SCREEN 25-30' PCE 11.9 TCE <1.0 c-1,2-DCE <1.0
SB-3 5/18/11 SCREEN 25-30' PCE 1.9 TCE <1.0 c-1,2-DCE <1.0
TW-1 4/11/11 SCREEN 22-27' PCE 22 TCE 1.3 c-1,2-DCE <0.50
MW-2(E) 12/13/10* SCREEN 15-30' PCE 25.5 TCE 1.8 c-1,2-DCE 1.4
SB-1 5/18/11 SCREEN 25-30' PCE 38.9 TCE 4.7 c-1,2-DCE 15.0
SB-8 5/17/12 SCREEN 25-30' PCE 63 TCE 9.3 c-1,2-DCE 7.2
MW-7 5/30/12 SCREEN 22-25' PCE 169 TCE 9.5 c-1,2-DCE 8.2
APPROXIMATE EXCAVATION EXTENT (1992)
P1 P2 P3 P4 P5 P6 D1 D2 D3
MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9 MW-10 MW-11 MW-12B MW-13B MW-14B MW-15B MW-17B MW-18 MW-19
SP1 SP2 SP4 SP5 SP6 SP7 SP8
SW1 SW1(2.5) SW2 SW2(2.5) SW3 A1 A2(22) B1 B2(16)
VP-1 VP-2 VP-3
WO-1 OWS-S-4.5 SUBSLAB
HOIST (TYP.)
76 STATION #6390
FORMER WASTE OIL TANK
FORMER OIL/WATER SEPARATOR
FORMER AND CURRENT USTs
WASTE OIL
VR
SHED
BUILDING #034-186-080
BUILDING #034-186-090
RESIDENTIAL BUILDING #034-186-070
RESIDENTIAL BUILDING
BUILDING #034-186-060
RESIDENTIAL APARTMENTS #034-189-100
RESIDENTIAL #033-283-010
RESIDENTIAL #033-282-470
RESIDENTIAL
CLAREMONT STREET
EAST FIFTH AVENUE
N
0
40'
SCALE
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.
FIGURE 7
MOST RECENT PCE, TCE AND cis-1,2-DCE CONCENTRATIONS (2010 - 2012)
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA
PROJECT NO. 140256390
DRAWN BY J. HIGHFILL
FILE NO. 6390-SiteS
PREPARED BY M. CORLEY
DATE 6 JULY 12
REV. 1
REVIEWED BY D. KELTNER
anteagroup

Appendix A

Agency Correspondence & Permits

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 0482

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
400 BLOCK S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
912 PIERCY ROAD
SAN JOSE

WP0008945 FA0049033
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
WOODWARD DRILLING

TERMS & CONDITIONS:

MONITORING WELL INSTALL/ DESTRUCT (4)
CONSTRUCT SOIL BORINGS (3)
PROJECT MGR: DOUG UMLAND
SEE SPECIAL CONDITIONS NOTED ON APPLICATION
RO0000534

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 2/28/2012

EXPIRATION DATE: 6/28/2012

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

FEB 22 2012

RECEIVED

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 Paid by Check 655298 -dgm

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 4 NO. OF BORINGS 3 WELL/BORING NAMES MW-10 (destroy), MW-10R, MW-18, MW-19, SB-9, SB-10, SB-11

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station 6390 ASSESSOR'S PARCEL # ~~034186110~~ (one per permit)
DRILLING LOCATION ADDRESS ~~In S Delaware Street between E Fourth Avenue and E Fifth Avenue~~ 400 BLOCK DELAWARE ST. SOUTH CITY San Mateo
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 21' (feet) Drilling Method HSA
Boring Diameter up to 8" Casing Diameter 2" Filter Pack Interval 5-21' Screen Interval 6-21'
Development Method surge block, 10 well casing volumes (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☒ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Nadine Periat
ADDRESS 912 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE (408) 826-1879 EMAIL nadine.periat@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 2/6/12

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE (650) 522-7336 EMAIL _____
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: See attached L.O.I. **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Road / POBox 336 C57 DRILLERS LICENSE # C-57 710079
CITY, STATE, ZIP Rio Vista, CA, 94571 TELEPHONE/EMAIL (707) 374-4300
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Corcoran E Woodward **Date:** 1-31-12

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Doug Umland
ADDRESS 312 Piercy Road TELEPHONE (408) 826-4262
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) Douglas Umland
Responsible Professional's Signature _____ **Date:** 2-6-2012
California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA0049033

 2011 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2011 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL ~~CONDITIONS~~: WE HIGHLY RECOMMEND PROPOSED MW-18 BE INSTALLED BEHIND THE SIDEWALK ADJACENT TO NORTH CORNER OF BLDG AT 521 5th (requires new permit application). PROPOSED LOCATION MAY NOT ADEQUATELY ASSESS POTENTIAL RISK TO BUILDING OCCUPANTS

★ COMMENT

County Approval: _____ RO/SD# 534 Date: 2.23.2017

Revised every January 1

Antea USA, Inc.
312 Piercy Road
San Jose, California 95138 USA
www.anteagroup.com

January 25, 2012

Judy Dulik
City of San Mateo Public Works
330 West 20th Avenue
San Mateo, CA 94403
USA

Subject: Letter of Intent – Permit rider #9 for permit #4818 for monitoring well construction and destruction and soil boring advancements in South Delaware Street between East Fourth Avenue and East Fifth Avenue

Dear Ms. Judy Dulik:

Antea™Group (Antea Group) has prepared this letter of intent regarding the proposed construction of monitoring wells MW-10R, MW-18, MW-19, destruction of monitoring well MW-10, and advancement of soil borings SB-9 through SB-11 in South Delaware Street between East Fourth Avenue and East Fifth Avenue. All proposed work is related to 76 Service Station No. 6390, located at 402 South Delaware Avenue in San Mateo, California (see attached site plan). Antea Group will be requesting permit rider #9 for permit #4818 for the proposed scope of work.

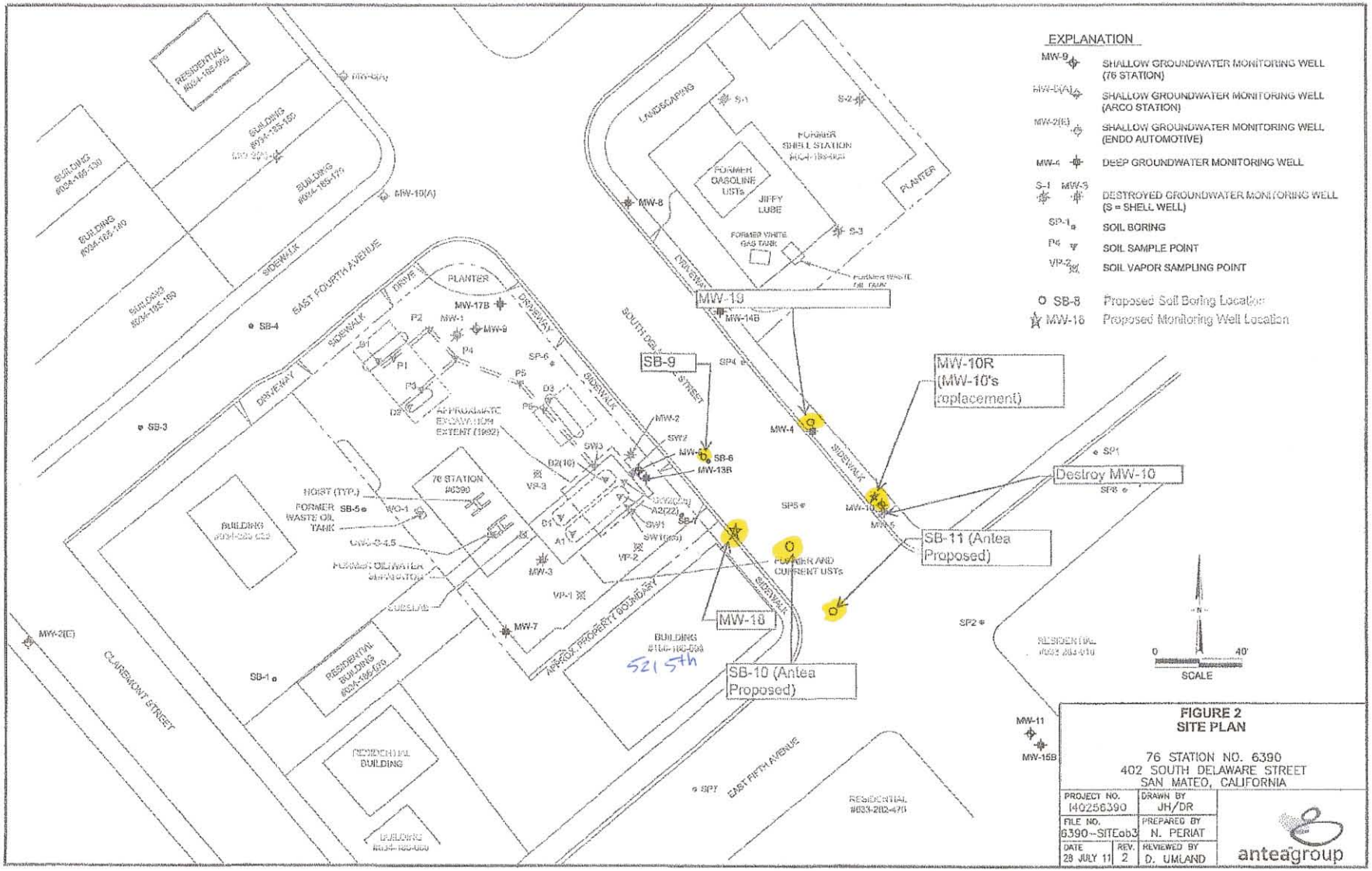
The proposed scope of work is based on following documents that have been uploaded to the State GeoTracker database: 1) assessment report dated July 28, 2011; 2) addendum to the assessment report dated August 10, 2011; 3) revised laboratory report dated September 2, 2011; and 4) an unsolicited workplan dated August 9, 2011; and 5) correspondence with Mr. Deno Milano of the San Mateo County Groundwater Protection Program (GPP), the regulatory overseer for the site, dated November 22, 2011.

Sincerely,

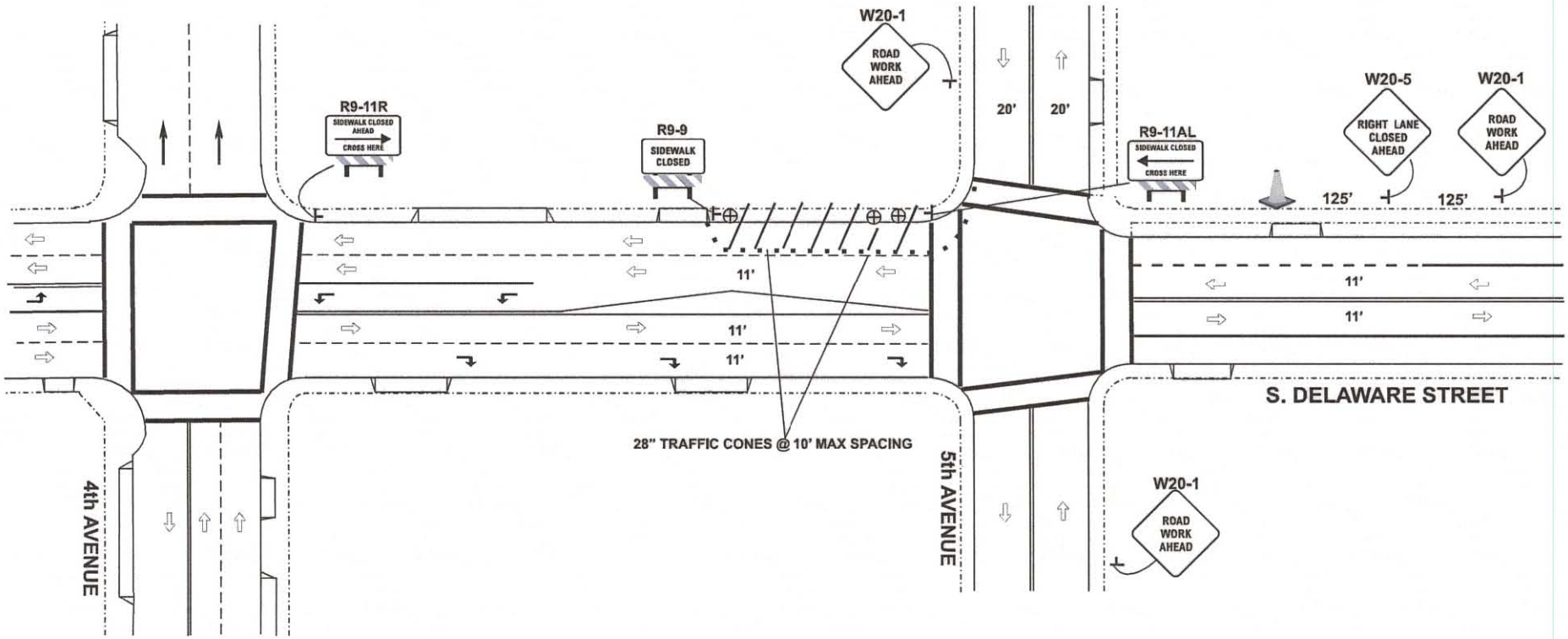
David Sisak
Staff Professional
Direct: (408) 826-1869
david.sisak@anteagroup.com
Antea Group

Okay to issue E Rider
CC - Gary Heap
Senior Engineer
1/26/12

Inogen Environmental Alliance

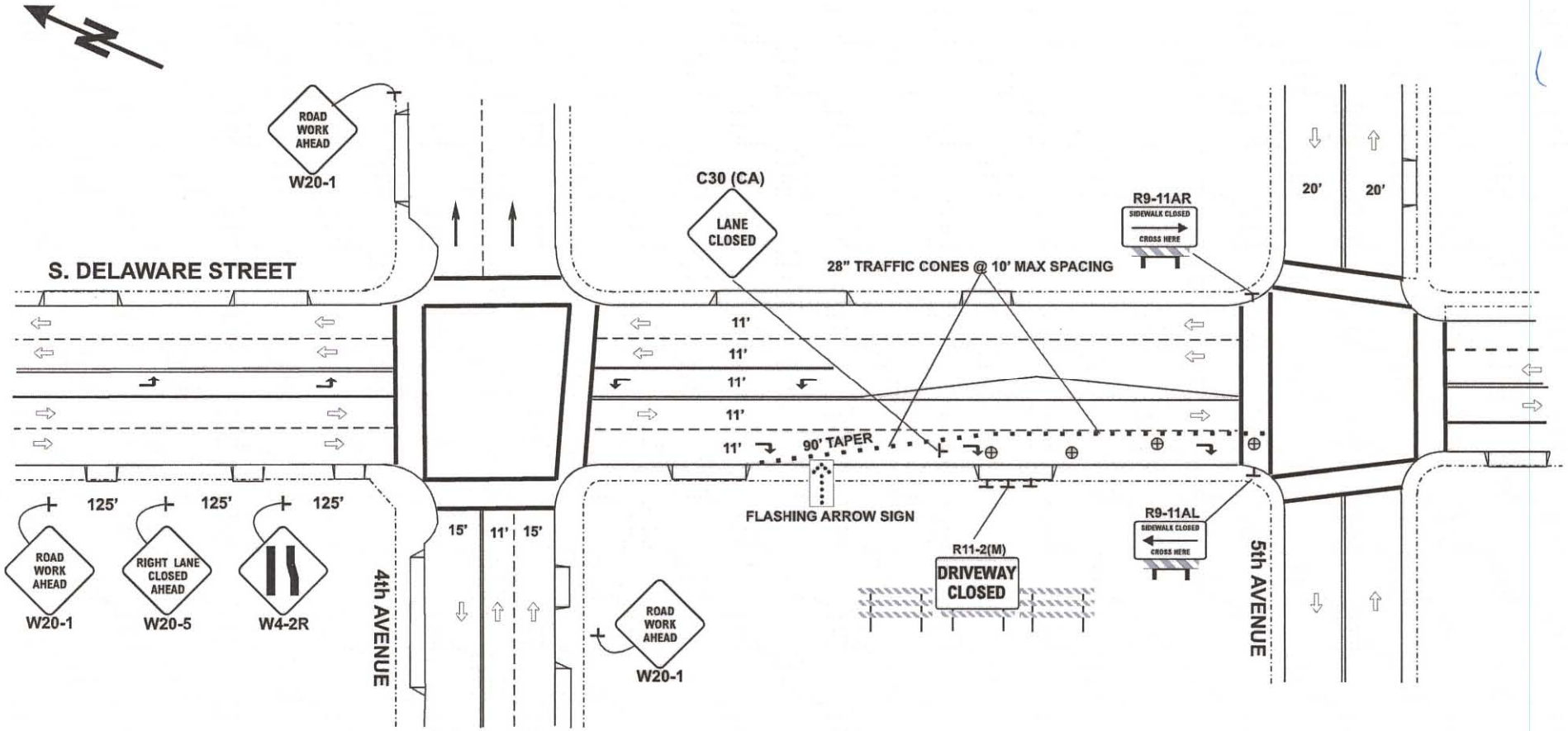

EXPLANATION
MW-9 SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
MW-6(A) SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
MW-2(E) SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
MW-4 DEEP GROUNDWATER MONITORING WELL
S-1 MW-3 DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
SP-1 SOIL BORING
P4 SOIL SAMPLE POINT
VP-2 SOIL VAPOR SAMPLING POINT
SB-8 Proposed Soil Boring Location
MW-18 Proposed Monitoring Well Location
MW-10R (MW-10's replacement)
Destroy MW-10
SB-11 (Antea Proposed)
SB-10 (Antea Proposed)
MW-18
SB-9
EAST FOURTH AVENUE
EAST FIFTH AVENUE
CLAREMONT STREET
SOUTH DELAWARE STREET
76 STATION #6390
FORMER SHELL STATION
FORMER GASOLINE USTs
JIFFY LUBE
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
FORMER AND CURRENT USTs
APPROX. PROPERTY BOUNDARY
APPROXIMATE EXCAVATION EXTENT (1992)
HOIST (TYP.)
LANDSCAPING
PLANTER
SIDEWALK
DRIVEWAY
BUILDING #034-165-030
BUILDING #034-165-150
BUILDING #034-165-160
BUILDING #034-165-170
RESIDENTIAL #034-165-090
RESIDENTIAL BUILDING #034-165-070
RESIDENTIAL #034-202-470
521 5th
0 40'
SCALE
FIGURE 2
SITE PLAN
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA
PROJECT NO. 140256390
DRAWN BY JH/DR
FILE NO. 6390--SITEob3
PREPARED BY N. PERIAT
DATE 28 JULY 11
REV. 2
REVIEWED BY D. UMLAND
anteagroup

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
(MW-11, MW-10, MW-10R)



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA, 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
(SB-9, MW-18, SB-10 & SB-11)



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA. 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 0490

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 E 4TH AVENUE, SAN MATEO

OWNER:
ANTEA GROUP
912 PIERCY ROAD
SAN JOSE

WP0008954 FA0050947
034186080
AMOUNT PAID: 0.00

CONTRACTOR:
WOODWARD DRILLING

TERMS & CONDITIONS:

CONSTRUCT SOIL BORINGS (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUG UMLAND
RO0000534

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 3/6/2012

EXPIRATION DATE: 7/6/2012

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
FEB 29 2012
RECEIVED

Fee Waived – dgm

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 1 WELL/BORING NAMES TW-1

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Taco Bell Restaurant ASSESSOR'S PARCEL # 034186080 (one per permit)
DRILLING LOCATION ADDRESS 500 East 4th Avenue CITY San Mateo
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 21' (feet) Drilling Method direct push
Boring Diameter 2-3" Casing Diameter _____ Filter Pack Interval _____ Screen Interval _____
Development Method _____ (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Nadine Periat
ADDRESS 912 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE (408) 826-1879 EMAIL nadine.periat@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 2/6/12

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME ~~CARRIE LOUIE~~ / ~~GEORGE~~ ETUEL WOONG CONTACT PERSON CARRIE LOWE
ADDRESS 1258 JACKSON STREET CITY, STATE, ZIP SAN FRANCISCO, CA 94109
TELEPHONE _____ EMAIL carrie.louie@yahoo.com
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: SEE FOLLOWING PAGE **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Road / PO Box 336 C57 DRILLERS LICENSE # C-57 710079
CITY, STATE, ZIP Rio Vista, CA, 94571 TELEPHONE/EMAIL (707) 374-4300
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Ryan E Woodward **Date:** 1-31-12

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Doug Umland
ADDRESS 312 Piercy Road TELEPHONE (408) 826-4262
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) Douglas K. Umland
Responsible Professional's Signature _____ **Date:** 2-6-2012
California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA50947

 2011 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2011 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level (NAVD88) and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/SD# ~~H0069~~ 534 Date: 2-29-2012

2011 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
FEB 29 2012
RECEIVED

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION: ☐ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS ☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS _____ NO. OF BORINGS 1 WELL/BORING NAMES TW-1

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Taco Bell Restaurant ASSESSOR'S PARCEL # 034186080 (one per permit)
DRILLING LOCATION ADDRESS 500 East 4th Avenue CITY San Mateo
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 21' (feet) Drilling Method direct push
Boring Diameter 2-3" Casing Diameter _____ Filter Pack Interval _____ Screen Interval _____
Development Method _____ (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Nadine Periat
ADDRESS 912 Piercy Road CITY, STATE, ZIP San Jose, CA 95138
TELEPHONE (408) 826-1879 EMAIL nadine.periat@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: _____ Date: 2/6/12

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Ethel Woong CONTACT PERSON Carrie Louie
ADDRESS 1258 Jackson Street CITY, STATE, ZIP San Francisco, CA. 94109
TELEPHONE EMAIL carrie.louie@yahoo.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: Ethel Woong Date: 02/22/12

DRILLING COMPANY:

DRILLING COMPANY Woodward Drilling CONTACT PERSON Ryan Woodward
ADDRESS 550 River Road / PO Box 336 C57 DRILLERS LICENSE # C-57 710079
CITY, STATE, ZIP Rio Vista, CA, 94571 TELEPHONE/EMAIL (707) 374-4300

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Domingo E Woodward Date: 1-31-12

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Doug Umland
ADDRESS 312 Piercy Road TELEPHONE (408) 826-4262
CITY, STATE, ZIP San Jose, CA 95138 EMAIL doug.umland@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for "General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses.
(Responsible Professional must be a California Professional Geologist or Civil Engineer.)
Responsible Professional's Name (Please print legibly) Douglas K. Umland
Responsible Professional's Signature _____ Date: 2-6-2012
California Professional Geologist (PG) No. 6159 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

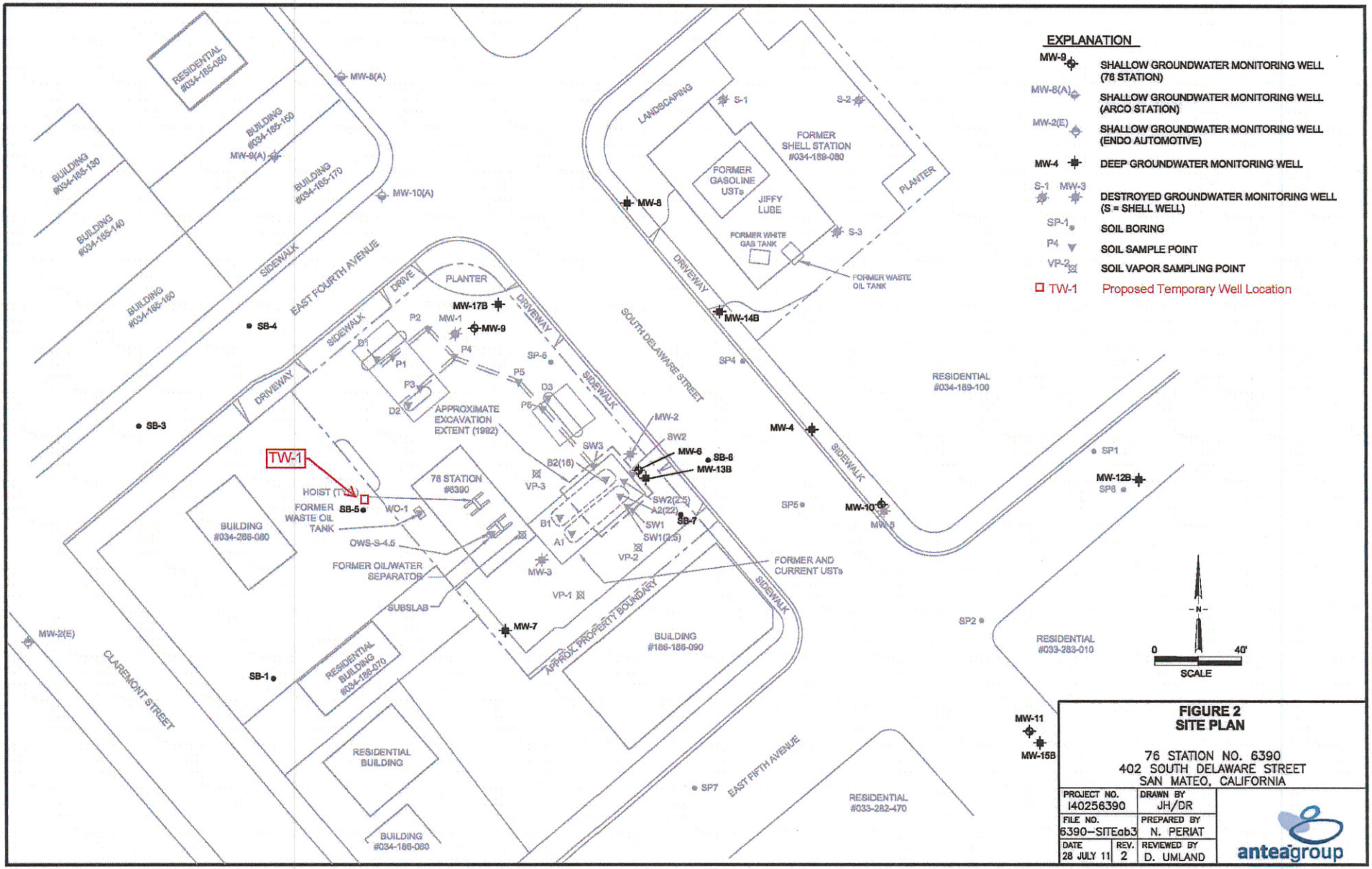


FIGURE 2
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	JH/DR
FILE NO.	PREPARED BY
6390-SITEab3	N. PERIAT
DATE / REV.	REVIEWED BY
28 JULY 11 / 2	D. UMLAND

antea group

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
FEB 29 2012
RECEIVED

Antea USA, Inc.
312 Piercy Road
San Jose, California 95138 USA
www.anteagroup.com

February 27, 2012

Mr. Deno Milano
San Mateo County Groundwater Protection Program
2000 Alameda De Las Pulgas
Suite 100
San Mateo, CA 94404

Subject: **Subsurface Drilling Permit Application for TW-1**
76 Service Station No. 6390
402 S Delaware Street
San Mateo, California

Dear Mr. Milano:

Attached is the Subsurface Drilling Permit Application for TW-1 at 76 Service Station No. 6390 in San Mateo. This application was not included with the other applications for this site because of a delayed response from the property owner. Please add this application to the subsurface drilling permit applications sent on February 20, 2012.

If you have any questions or need additional information, please call me at (408) 826-1869.

Sincerely,

David Sisak
Staff Professional
david.sisak@anteagroup.com
Antea Group

Enc: Subsurface Drilling Permit Application for TW-1

Inogen Environmental Alliance

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 12- 1040

P/E: 2010 **MONITORING WELLS - INSTALLATION/DESTRUCTION**

FACILITY:
402 S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
312 PIERCY ROAD
SAN JOSE

WP0009049 FA0051532
034186110
AMOUNT PAID: 577.00

CONTRACTOR:
WOODWARD DRILLING

TERMS & CONDITIONS:

MONITORING WELL INSTALL/ DESTRUCT (1)
CONSTRUCT SOIL BORINGS (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND
SEE SPECIAL CONDITIONS NOTED ON APPLICATION
RO0000534

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/11/2012

EXPIRATION DATE: 9/11/2012

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

PAID

Amt 577.00

CK. NO. 657671
DATE 5-7-12

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

MAR 07 2012

RECEIVED

2012 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS 1 WELL/BORING NAMES MW-18, SB-8

PURPOSE OF DRILLING ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 SERVICE STATION NO. 6390 ASSESSOR'S PARCEL # 034-186-110 (one per permit)
DRILLING LOCATION ADDRESS 402 S DELAWARE STREET CITY, ZIP SAN MATEO, 94402
To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 35 (feet) Drilling Method DIRECT PUSH / HOLLOW STEM AUGER
Boring Diameter UP TO 8" Casing Diameter 2" Filter Pack Interval 5 - 21' Screen Interval 6 - 21'
Development Method SURGE BLOCK, 10 WELL CASING VOLUMES (additional 48 hour staff notification required)
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME ANTEA GROUP CONTACT PERSON DAN KELTNER
ADDRESS 312 PIERCY ROAD CITY, STATE, ZIP SAN JOSE, CA 95138
TELEPHONE 408-826-1880 EMAIL dan.keltner@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*
Well/Boring Owner's/Contact Person's Signature: Dan C Keltner Date: 5/2/12

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME LUCILE BENEDETTI CONTACT PERSON SHANE NOLAN (WESTERN DEALER HOLDING CO.)
ADDRESS 555 LAUREL AVE., APT 425 CITY, STATE, ZIP SAN MATEO, CA 94401
TELEPHONE 818-206-5705 (SHANE NOLAN) EMAIL snolan@platinum-energy.net (SHANE NOLAN)

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: (see following pages) Date: _____

DRILLING COMPANY:

DRILLING COMPANY WOODWARD DRILLING CONTACT PERSON RYAN WOODWARD
ADDRESS 550 RIVER ROAD, PO BOX 336 C57 DRILLERS LICENSE # C-57 710079
CITY, STATE, ZIP RIO VISTA, CA 94571 TELEPHONE/EMAIL 707-374-4300

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: (see following pages) Date: _____

CONSULTANT COMPANY:

CONSULTANT COMPANY ANTEA GROUP PROJECT MANAGER DOUGLAS UMLAND
ADDRESS 312 PIERCY ROAD TELEPHONE 408-826-1874
CITY, STATE, ZIP SAN JOSE, CA 95138 EMAIL doug.umlannd@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Douglas Umland
Responsible Professional's Signature Douglas Umland Date: 5-2-2012
California Professional Geologist (PG) No. CP # 6159 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, Instructions, and fees.

Revised every January 1

FA 51532

 2012 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, is **required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2012 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: PER APPROVED WORKPLAN AND LOP LETTER COMMENTS

County Approval: _____ (RO)FA# 534 Date: 5.8.2012

2012 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING WELL INSTALLATION /DESTRUCTION ☒ CONSTRUCT SOIL BORINGS
☐ VAPOR WELL INSTALLATION/DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS 1 WELL/BORING NAMES MW-18, SB-8

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 SERVICE STATION NO. 6390 ASSESSOR'S PARCEL # 034-186-110 (one per permit)

DRILLING LOCATION ADDRESS 402 S DELAWARE STREET CITY, ZIP SAN MATEO, 94402

To Be Constructed In: ☐ Public Property ☒ Private Property ☐ Refuse ☐ other _____

Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently

Maximum Proposed Depth Wells/Borings 35 (feet) Drilling Method DIRECT PUSH / HOLLOW STEM AUGER

Boring Diameter UP TO 8" Casing Diameter 2" Filter Pack Interval 5 - 21' Screen Interval 6 - 21'

Development Method SURGE BLOCK, 10 WELL CASING VOLUMES (additional 48 hour staff notification required)

Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure grouting (provide well construction logs) ☐ Overdrilling

WELL/ BORING OWNER: **(WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)**

NAME ANTEA GROUP CONTACT PERSON DAN KELTNER
ADDRESS 312 PIERCY ROAD CITY, STATE, ZIP SAN JOSE, CA 95138
TELEPHONE 408-826-1880 EMAIL dan.keltner@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application. It is my responsibility to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature on permit application.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: **(NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)**

NAME LUCILE BENEDETTI CONTACT PERSON SHANE NOLAN (WESTERN DEALER HOLDING CO.)
ADDRESS 555 LAUREL AVE., APT 425 CITY, STATE, ZIP SAN MATEO, CA 94401
TELEPHONE 818-206-5705 (SHANE NOLAN) EMAIL snolan@platinum-energy.net (SHANE NOLAN)

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: (see following page) **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY WOODWARD DRILLING CONTACT PERSON RYAN WOODWARD
ADDRESS 550 RIVER ROAD, PO BOX 336 C57 DRILLERS LICENSE # C-57 710079
CITY, STATE, ZIP RIO VISTA, CA 94571 TELEPHONE/EMAIL 707-374-4300

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: Ryan E Woodward **Date:** 5/2/2012

CONSULTANT COMPANY:

CONSULTANT COMPANY ANTEA GROUP PROJECT MANAGER DOUGLAS UMLAND
ADDRESS 312 PIERCY ROAD TELEPHONE 408-826-1874
CITY, STATE, ZIP SAN JOSE, CA 95138 EMAIL doug.umlannd@anteagroup.com

I certify that this application is correct to the best of my knowledge. I certify the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit. I certify if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (*Responsible Professional must be a California Professional Geologist or Civil Engineer.*)

Responsible Professional's Name (Please print legibly) _____

Responsible Professional's Signature _____ **Date:** _____

California Professional Geologist (PG) No. _____ **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

April 27, 2012

To San Mateo Groundwater Protection Program:

I understand that a well boring is being installed on my property at 402 Delaware Street, San Mateo, Ca.
I agree to notify the County and Well Owner of any known damage to the well.

Sincerely,
Lucile Benedetti
(property owner)
555 Laurel Ave., Apt. 425
San Mateo, Ca 94401

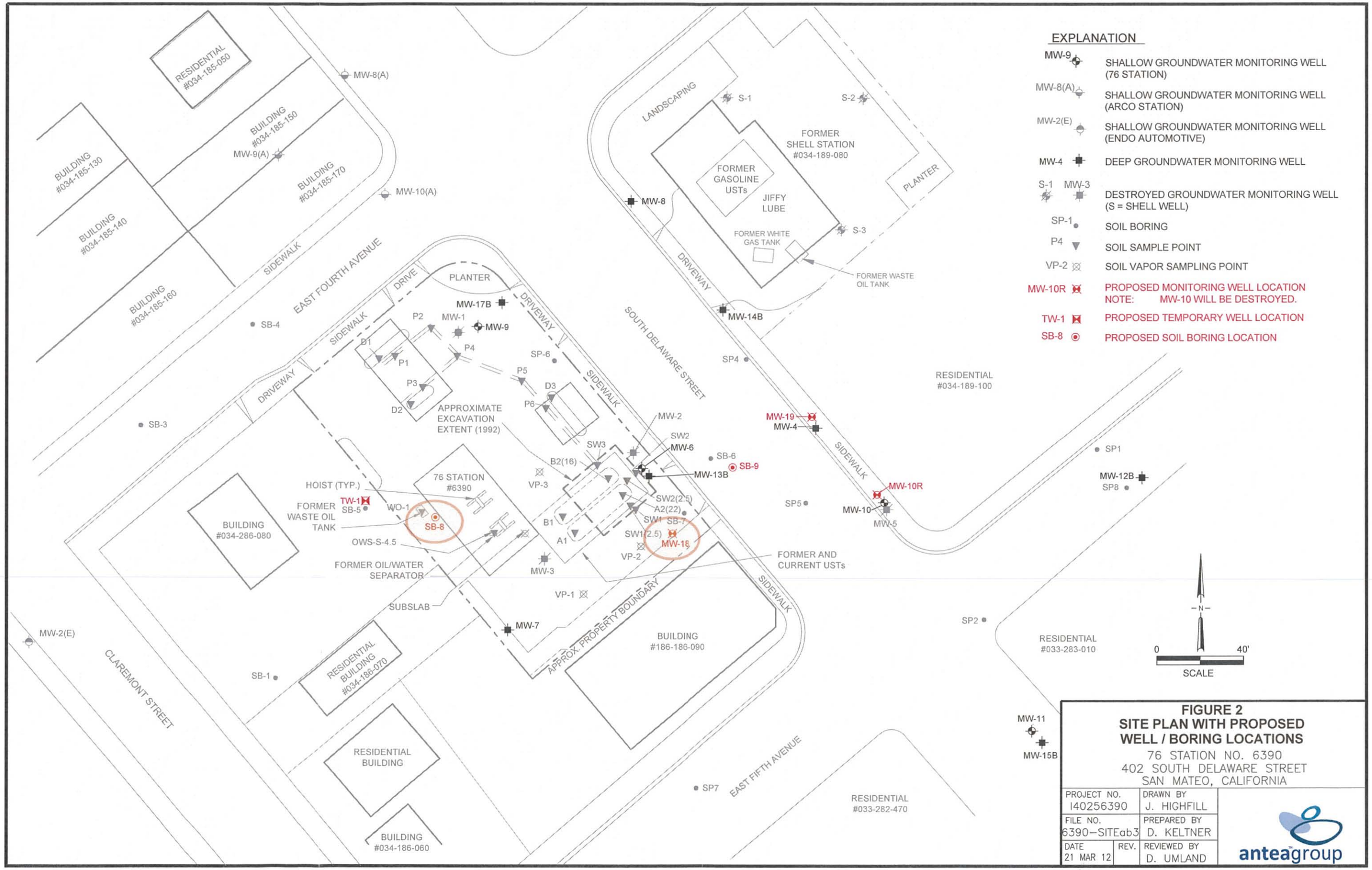


FIGURE 2
SITE PLAN WITH PROPOSED WELL / BORING LOCATIONS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	anteagroup
FILE NO. 6390-SITEab3		PREPARED BY D. KELTNER	
DATE 21 MAR 12	REV.	REVIEWED BY D. UMLAND	

CITY OF SAN MATEO **PUBLIC WORKS DEPARTMENT** **330 West 20th Avenue** **San Mateo, CA 94403** **650 522-7300 office** **650 522-7301 fax** ***ENCROACHMENT PERMIT RIDER***	Original Permit #: 4819 Site Address: 402 S. Delaware Rider #: 8 Insurance Reviewed By: jd Limit OK? yes Date Expires: 10/1/12

✓ **TO:** **Antea Group** **DATE:** 4/4/12

312 Piercy Road

San Jose, CA 95138, Permittee

In compliance with (☐ your ☐ our) request, the City of San Mateo, Public Works Department is hereby amending the above-referenced encroachment permit as follows:

Same conditions as original permit and subsequent riders. Install 2 monitoring wells (MW-10R, MW-19) destroy 1 well (MW-10), perform 1 soil boring (SB-9) per attached plan. Traffic control per Caltrans standards and approved attached traffic control plan. **No street closures allowed, must allow through traffic at all times.** Contractor must notify PW Inspections 650/522-7522 xt 6900, Police 650/522-7700, Fire 650/522-7940, and County Communications 650/363-4961, at least 24 - 48 hours before any proposed lane closures. Refund upon submittal of test results, and abandonment of all wells in the public right-of-way related to this permit.

Permit Expiration Date extended to: ☒ 10/01/12

☐ No Change

Except as amended, all other terms and provisions of the original permit shall remain in effect.

Approved: Gary Heap, P.E., Senior Civil Engineer	
By: JDUCK	Date: 4/4/12

cc: Construction Manager
Construction Inspector
Permit file

CITY OF SAN MATEO - DEPARTMENT OF PUBLIC WORKS
ENCROACHMENT PERMIT APPLICATION

Required for all activities in the public right-of-way (ROW) or public easement (S.M.M.C. 17.08)

COMPANY: ANTEA GROUP	CONTRACTOR'S LICENSE NO: C-57 710079 (WOODWARD DRILLING)
ADDRESS: 312 PIERCY ROAD	SAN MATEO BUSINESS LICENSE NO: SEE ATTACHED BUSINESS LICENSE RECEIPT
CITY: SAN JOSE ZIP: 95138	TELEPHONE: 408-826-1869

I/We hereby apply for an encroachment permit to perform the following work in accordance with the City of San Mateo Municipal Code Chapter 17.08:

1. Project Address: 402 SOUTH DELAWARE STREET 2. Property Owner: PLATINUM ENERGY
3. Describe work requested in the right-of-way: ADVANCE AND INSTALL TWO MONITORING WELLS (MW-10R AND MW-19); DESTROY ONE MONITORING WELL (MW-10), AND ADVANCE ONE SOIL BORING (SB-9) IN 400 BLOCK S DELAWARE ST, SAN MATEO
4. On site contact name and cell phone number: STATION ATTENDANT (650) 348-9628
5. Project manager name and phone number: DOUG UMLAND (408) 826-1874
6. Proposed Start Date: 4/9/2012 7:00AM Estimated Completion Date: 4/12/2012
7. Project related to current building permit? No ☒ Yes ☐ If yes, building permit number: —
8. List any other work at site: —
9. Project related to planning application? No ☒ Yes ☐ If yes, PA #: —
10. Drawing of proposed work attached? No ☐ Yes ☒

**I/We agree to defend and indemnify the City, its officers, employees, and agents against, and will hold and save them and each of them harmless from any and all actions, claims, damages to persons or properties, penalties, obligations, and liabilities that may be asserted by any person arising out of the negligent or intentionally tortious acts, negligent errors, or omissions of mine/ours, my/our officers, agents, employees, contractors, subcontractors, or invitees related to the work described in this application. I/We attest that the above information is true to the best of my knowledge.*

Applicant Signature — Date: 4/3/2012

(For office use only)

Certificate of Insurance on File? Yes ☒ No ☐ Is Insurance Site or Project Specific? Yes ☐ No ☒
Insurance Expiration Date: 10/1/12 Insurance reviewed by: JB.

Permit Fee: $ 303.50 Permit Security Deposit: $ See original permit

(Attach fee calculation sheet, if applicable) Check ☒ Letter of Credit ☐ Credit Card ☐
Cash ☐ Performance Bond ☐ C.D. ☐

Photocopy of payment/City receipt attached to this form? Yes ☒ No ☐

Refund of security deposit will be mailed to "Applicant" above, unless otherwise noted: —

Miscellaneous notes: —

Reviewed and approved by Public Works staff:		Reviewed and approved by Building/Planning staff, if applicable:	
Name:	Date:	Name:	Date:

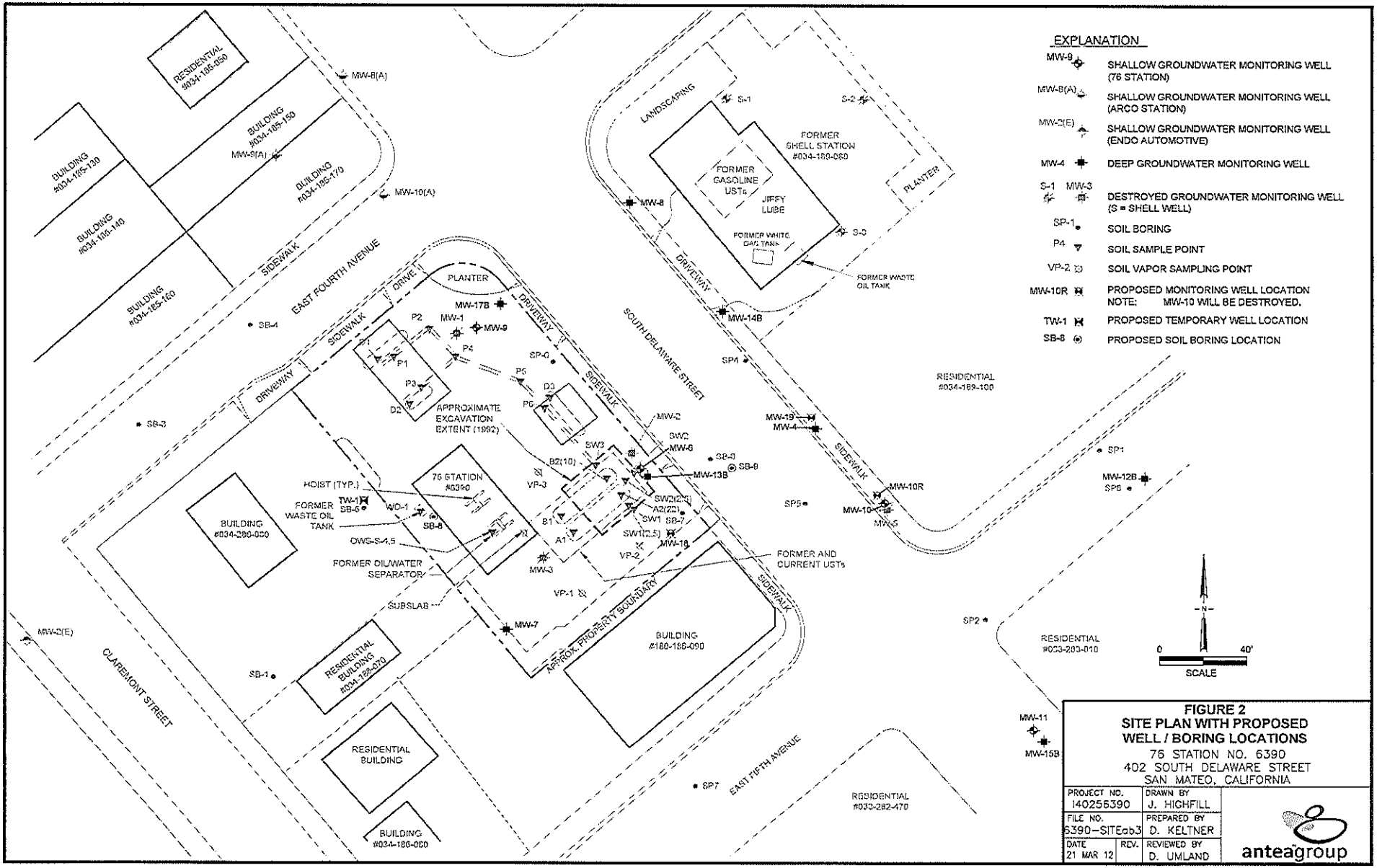
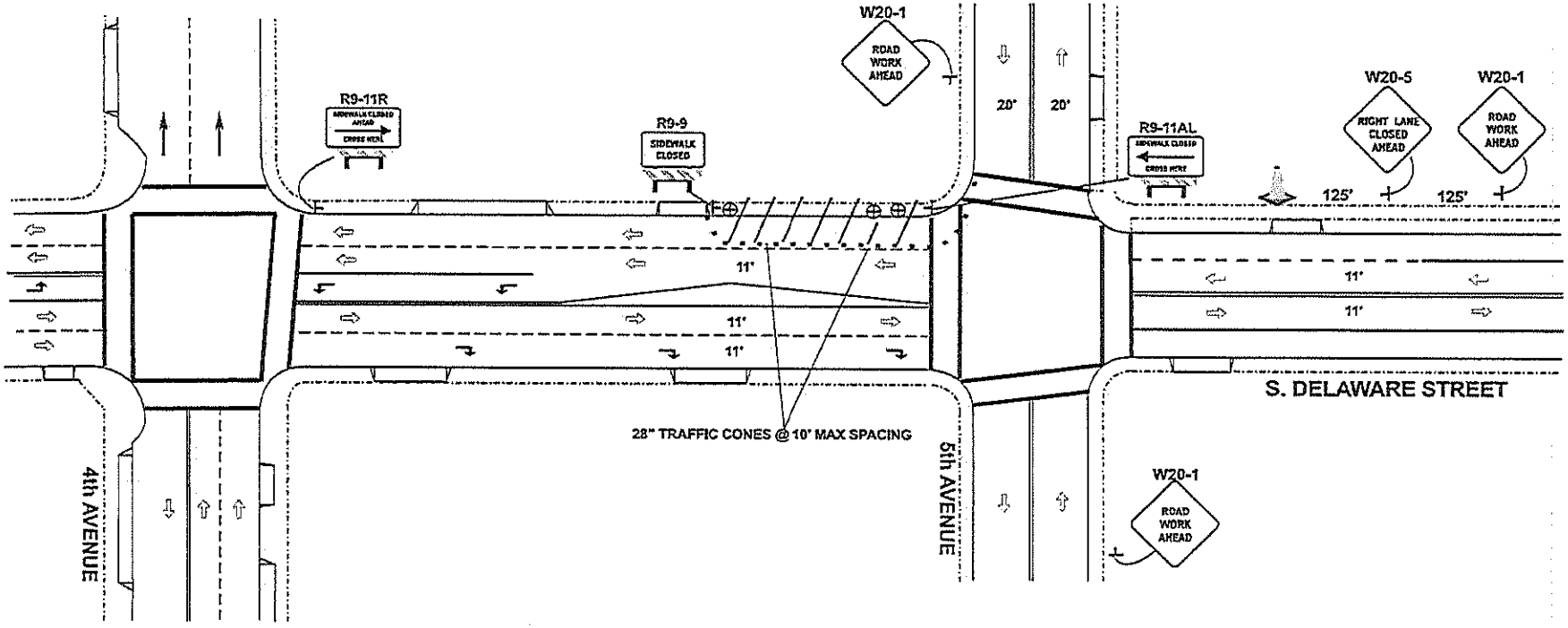


FIGURE 2
SITE PLAN WITH PROPOSED WELL / BORING LOCATIONS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SITEab3		PREPARED BY D. KELTNER	
DATE 21 MAR 12	REV.	REVIEWED BY D. UMLAND	anteagroup

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
(MW-11, MW-10, MW-10R)

(19)



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA, 95112
(408) 295-8210
(408) 998-3838 FAX
C-31 C-32 CONTRACTORS LIC. 796782

San Mateo County
Health System

November 22, 2011

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group recently uploaded the following documents to the State GeoTracker database: 1) assessment report dated July 28, 2011; 2) addendum to the assessment report dated August 10, 2011; 3) revised laboratory report dated September 2, 2011; and 4) an unsolicited workplan dated August 9, 2011. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

PCE and Gasoline Assessment Report

The GeoBore and GeoWell files for the investigation have not been uploaded to the State GeoTracker database as required by State regulations. Please **immediately** upload these files to complete the investigation (the deadline was July 28, 2011). Please also ensure the GeoBore file for MW-17B lists the proper casing diameter (incorrectly listed on boring log in Appendix H).

The well screen listed for MW-15B on Table 1 and the TPPH concentrations listed on the vapor results table in Appendix D are incorrect. In addition, the historical groundwater results tables in Appendix E do not include the historical grab groundwater sampling results and a significant amount of solvent results from the monitoring wells. Please ensure future data tables are accurate and complete. Please also consider adding recent and future investigative results to the appropriate portion of the historical results tables to assist the evaluation of site conditions.

Cross-Section A-A' (Figure 6A) is very informative. However, it does not show the location of the former Unocal waste oil UST (potential PCE source area) and the soil textures shown adjacent to Boring SB-6 and MW-4 appear to conflict with those shown on the boring log. Please ensure future cross-sections consider these observations.

Section 3.2 states the site is located in the South Bay groundwater basin. Please note, the site is within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area (watershed) according to the Regional Water Quality Control Board (RWQCB).

Section 3.3 states an aquitard has been identified at approximately 25 feet below grade (fbg) and a deeper groundwater bearing zone has been reported beneath this aquitard from 13 to 18.5 fbg. This statement does not make sense. Please ensure future reports discussing hydrologic conditions clarify what is meant by this statement.

The report indicates a number of soil samples collected from Borings SB-1, SB-3, SB-4, SB-5, and MW-17B were analyzed for TPPH, BTEX, fuel oxygenates, and halogenated volatile organic compounds (HVOCs). These analyses were not required by GPP staff, nor were they proposed in the October 29, 2010, workplan approved in our letter dated February 8, 2011. Only the analysis of the soil samples collected from SB-5 at ≥15 fbg appears justified because no groundwater samples were collected from this boring. Therefore, we cannot recommend the UST Cleanup Fund reimburse the cost to analyze the soil samples from SB-1, SB-3, SB-4, and MW-17B.

Section 5.1 indicates all boreholes except SB-6 were air-knifed to 5 fbg. Although we don't anticipate PCE-affected soil at 5 fbg, future data tables should nevertheless indicate via footnote that air-knifing may have affected the volatile organic compound content of the 5 foot samples.

The results of the investigation indicate a PCE source exists upgradient of the site. However, we cannot establish whether the former waste oil UST at the Unocal site contributed to the PCE plume (one of the objectives of the investigation) because: 1) the groundwater PCE results in upgradient Borings SB-1, SB-3, and SB-4 and T. Endo Automotive well MW-2 are 12 to 242 times less than the PCE concentration reported in MW-13B which is located downgradient of the former Unocal waste oil UST; 2) no groundwater sample was collected from SB-5 to determine whether the former gasoline station on the parcel immediately west of the site may have contributed to PCE reported in MW-13B; and 3) upgradient Borings SB-1, SB-3, and SB-4 were drilled to 30 fbg (approximately 15 feet below the depth to groundwater) and groundwater samples were only collected from the lower 5 feet of these borings instead of the lower 10 feet proposed in the approved workplan (i.e. we cannot establish if first groundwater in SB-1, SB-3, and SB-4 contains greater PCE concentrations which may eliminate Unocal as a potential PCE source). Therefore, we do not concur with the recommendation to discontinue further PCE assessment (refer to the additional assessment discussed in the workplan section of this letter).

The report refers to "A" and "B" zone groundwater and indicates the groundwater in the "A" zone is perched (Sections 6.1 and 8.0). No justification has been provided to demonstrate first groundwater is perched. This appears to be an artifact from older reports.

The report compares the laboratory results from the analysis of soil samples collected from the saturated zone to RWQCB Environmental Screening Levels (e.g. Section 6.2.1 and 6.2.2). Please note, the soil ESLs established by the RWQCB only apply to soil samples collected from the unsaturated zone.

It appears the vertical extent of gasoline-affected soil and fuel impact to deeper groundwater has been adequately assessed based on the laboratory results from the analysis of soil and

groundwater samples. However, the lateral extent of fuel hydrocarbons in first groundwater has not been assessed east and southeast of MW-6 and SB-7. The elevated fuel hydrocarbon concentrations in the groundwater from SB-7 and the drilling depth indicate first groundwater near this boring may contain non-aqueous phase liquid. In addition, the fuel hydrocarbon concentrations reported in the SB-6 groundwater sample may underestimate fuel hydrocarbon impact to first groundwater because this boring was drilled approximately 15 feet below the depth to groundwater and the groundwater sample was collected from the lower 5 feet of the boring (soil sample laboratory results, PID screening, and a comparison of the dissolved-phase hydrocarbon concentrations in MW-6 and MW-13B indicate the sampling depth of this groundwater sample should not have exceeded 20 fbg). Therefore, GPP staff are requiring additional assessment of fuel hydrocarbons in first groundwater east and southeast of the fuel UST cavity (discussed in the workplan section of this letter).

The report recommends preparing a remedial action investigation workplan to mitigate hydrocarbons in the vicinity of MW-6, but not within Delaware Street. GPP staff cannot concur with this recommendation at this time because: 1) the need for remediation has not been justified; 2) the value of mitigating hydrocarbons within only a 6-foot-interval between the fuel UST cavity and Delaware Street was not justified; 3) the extent and impact of fuel hydrocarbons in first groundwater has not been assessed east and southeast of the fuel UST cavity; and 4) the potential contribution of PCE from the Unocal site has not been established. These factors affect the need and scope of remediation (please refer to workplan section of this letter for additional required assessment). Please note, remediation may not be necessary if the gasoline release is the only driver for the Unocal site and the fuel impact does not contain NAPL, is limited to under the street, is stable, does not pose a significant risk to human health and environment, and will degrade to RWQCB water quality objectives within a reasonable time.

The well purging field procedures discussed in Appendix G and used for MW-17B (Appendix G) were not the procedures proposed by Antea in their November 2010 groundwater monitoring report and conditionally approved in our letter dated December 2, 2010. No justification was provided for deviating from the approved protocol. Please ensure sampling is performed in accordance with approved protocols unless the report justifies the deviation(s).

Addendum to Assessment Report

The addendum recommends adding MW-17B to the groundwater monitoring program. GPP staff concur with this recommendation. Please note, however, it is not necessary to recommend adding a new well to the groundwater monitoring program. This action is expected when we approve the installation of the well(s).

The addendum also recommends increasing the frequency of groundwater monitoring from annual to semi-annual in order to build an adequate data set in a reasonable amount of time. GPP staff can support semi-annual monitoring of MW-6 (increasing benzene concentrations) and of MW-12B and MW-13B (elevated PCE impacts), but not semi-annual monitoring of the other

wells because only minor impacts have been reported in the other wells. However, we support semi-annual monitoring of future wells installed east and southeast of the fuel UST cavity to monitor first groundwater (refer to the workplan section of this letter).

Revised Laboratory Report for the Assessment Report

The revised laboratory report pertains to the analysis of the soil samples from Borings SB-1, SB-3 through SB-5, SB-7, and MW-17B and the analysis of the groundwater samples from SB-1, SB-3, SB-4, and SB-7. The report adequately explains the impact of all data qualifiers on the laboratory results except qualifiers S0 and S5 (only indicate surrogate recoveries were outside of laboratory control limits). Please **immediately** upload to the State GeoTracker database a letter prepared by the laboratory indicating the impact of qualifiers S0 and S5 on the integrity and use of the laboratory results. Any unrepresentative results should be appropriately identified on future analytical tables by an appropriate footnote.

Unsolicited Workplan

GPP staff concur with the proposal to destroy MW-10 and install replacement well MW-10A. However, we do not concur with the proposal to screen MW-10A between 9 and 17 fbg. It appears MW-10A should be screened from 6 to 21 fbg based on the depth to groundwater reported in former MW-5, the PID screening and soil sampling results in Borings SB-6 and SB-7, and a comparison of the soil and groundwater sampling results from MW-6 and MW-13B. GPP staff are more concerned with adequately evaluating potential hydrocarbon impact to first groundwater than potentially spreading relatively low BTEX and MTBE concentrations a few feet deeper into strata having similar groundwater use and that are already impacted by PCE. Moreover, the PID screening and soil sampling results from SB-7, MW-6, and MW-13B do not suggest the silt logged in MW-5 at approximately 15 fbg is serving as a barrier to the vertical migration of fuel hydrocarbons. The following additional conditions apply to the proposed work:

- Install a monitoring well to assess first groundwater immediately southeast of SB-7 (a screen between pproximately 6 and 21 fbg appears reasonable);

- Collect a grab groundwater sample or install a monitoring well to assess first groundwater near MW-4 (the depth of the groundwater sample from SB-6 may have underestimated the fuel hydrocarbon impact to first groundwater);

- Collect grab groundwater samples at SB-5 and immediately east of Sample WO-1 to assess the PCE content of first groundwater and thedepth monitored by MW-13B;

- Screen the soil samples with an appropriate photoionization detector;

- Base the texture of well filter pack on the texture of the soil logged opposite the screened interval and also settle the filter prior to installing the bentonite seal;

- Upload to the State GeoTracker database by **May 2, 2012**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

The report must indicate how investigative derived wastes were disposed and include scaled figures (base-10 preferred) and data analytical tables sufficient to support conclusions regarding contaminant extent, stability, and risk. It would be beneficial if at least one figure identified all sampling locations to date and the report included tables summarizing historical gauging data and the laboratory results of all soil, groundwater, and subsurface vapor sampling analyses performed to date (one table for soil, one for groundwater, and one for vapor is preferred). It would also be beneficial if each table indicated the date and depth of sample collection, as appropriate, and the proper field point name (FPN). FPNs must be consistent between text, figures, tables, and logs.

Please note, the UST Reimbursement Fund may not reimburse the cost to destroy MW-10, install MW-10A, and collect the grab groundwater samples near SB-5. This is because the initial work to perform these tasks did not satisfy the objective of the investigation.

Closing Comments

It is not necessary to name borings and wells by the FPN listed in the workplan. This leads to FPN gaps if the proposed borings/wells were not installed (e.g. SB-2 and MW-16B), which may confuse future reviewers of the file (i.e. they may think SB-2 and MW-16B were installed because site plans show borings or wells of greater number (SB-3 through SB-7 / MW-17B). Please consider naming borings and wells in a logical sequence when they are installed.

Please call me at (650) 372-6292 if you have any questions.

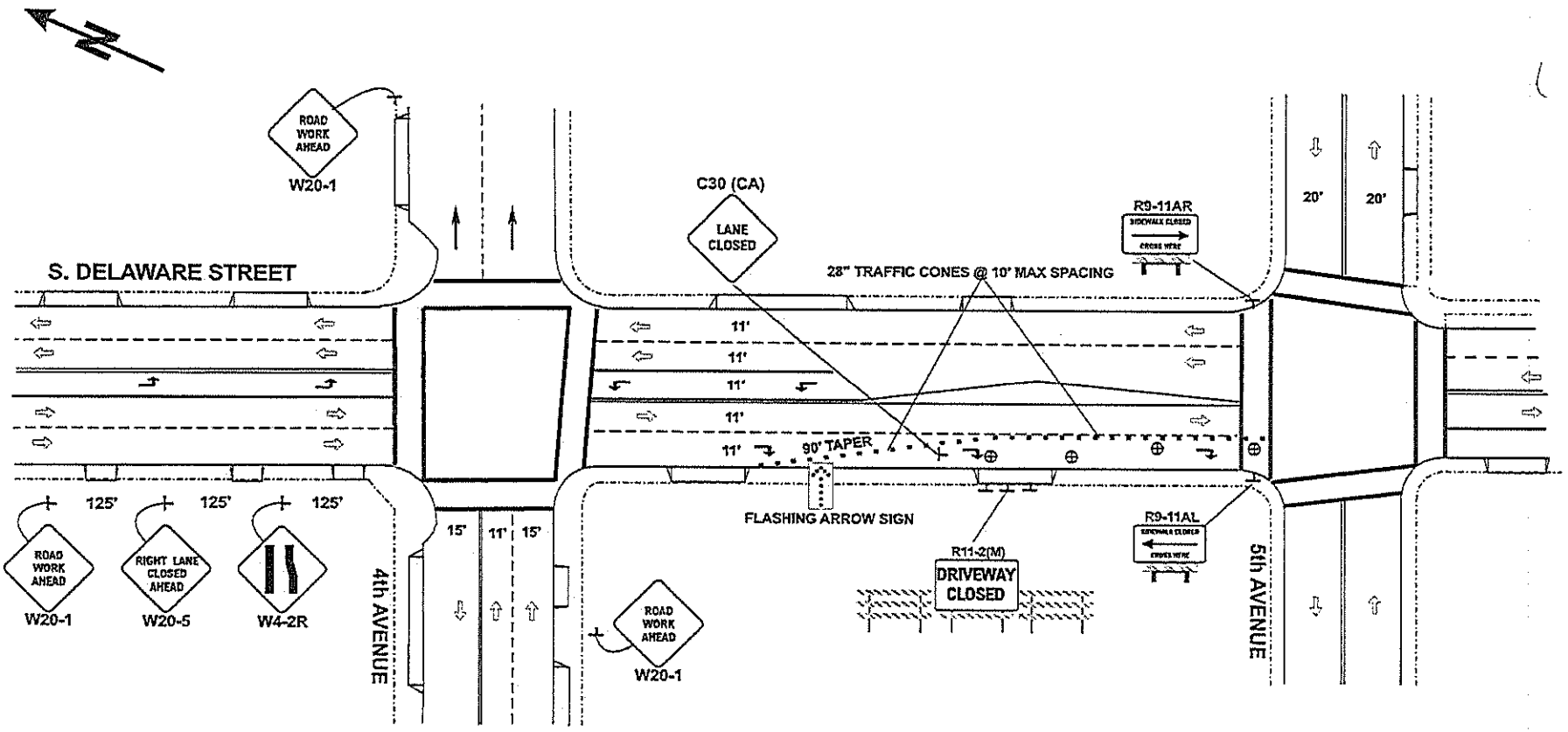
Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Ed Ralston, ConocoPhillips (via Ed.C.Ralston@conocophillips.com)
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
(SB-9, ~~MW-10, SB-10 & SB-11~~)



PREPARED BY: ROBERT SCULLY
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Dan Keltner

From: Deno Milano [dmilano@smcgov.org]

Sent: Monday, March 12, 2012 11:09 AM

To: Dan Keltner

Subject: Re: ConocoPhillips 76 Station No. 6390, 402 S. Delaware, San Mateo (#110069) - permit approvals

If we signed off on a permit listing WDHC as the property owner, then we must have assumed WDHC was the property owner as listed on the permit. A recent check of the County Assessor database suggests WDHC may not be the property owner, so we cannot sign off until this issue is resolved..

Re: comment #1 below - Antea's statement is not applicable. The discussion deals with proposed SB-9; our referenced comment deals with assessment near MW-4.

Re: Comment #2 below - MW-4 does not appear appropriately screened to assess first gw (potential dilution concern based on logged stratigraphy, excessive well screen in the saturated zone, and the findings of your previous investigation). Our referenced comment gave you the option of installing an appropriately screened monitoring well near MW-4 (previously proposed MW-19) or a boring. We consider one or the other necessary.

Re: "Final" comment below - previously proposed SB-11 does not necessary at this time.

New GPP staff comment re: revised location of proposed MW-18 - the purpose of this well is to assess the impact of HC contamination that may be under the building at 521 5th Avenue. I highly recommend you move the proposed location ~20 feet south-southwest of the proposed location (next to offsite building). We already know gw at SB-7 is impacted and it does not really give us an idea of what is under the adjacent building.

Closing Comment - please do a better job of planning the execution of the work before applying for permits. It is not a efficient use of everyone's time to request permits to implement a scope of work, then request revisions to the scope of work a week or two later.

Deno G. Milano, P.G.
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Save Paper. Think before you print.

>>> "Dan Keltner" <Dan.Keltner@anteagroup.com> 3/8/2012 4:59 PM >>>
Mr. Milano,

Under separate cover, Antea Group will soon be re-submitting the Subsurface Drilling Permit Application for SB-8 at the referenced site #6390 in San Mateo. The revised permit will include proposed MW-18, which we will install next to SB-7 on the subject site, per your 2/23/12 email. We have contacted Western Dealer Holding Company (WDHC) regarding their relationship to this property. While the property is technically owned by Lucile Benedetti, it is our understanding that WDHC makes

decisions on behalf of the owner. We have asked that Shane Nolan provide further justification for WDHC signing as the property owner, and we will include that with the permit application. Please note that in 2011, GPP approved the on-site SB-7 and MW-17B permits, which listed WDHC as the property owner.

Also, please clarify the following with respect to your 11/22/11 letter's comment "*Collect a grab groundwater sample or install a monitoring well to assess first groundwater near MW-4 (the depth of the groundwater sample from SB-6 may have underestimated the fuel hydrocarbon impact to first groundwater)*":

1. We concur with sampling first-encountered groundwater at or near SB-6 (proposed SB-9). SB-9 would best be located at a location between SB-6, MW-4, and MW-10, but due to subsurface utilities at the NE side of Delaware Street, it's not feasible to locate SB-9 much further downgradient of SB-6. We will attempt to install SB-9 at the location shown on the attached map, but it may be moved nearer SB-6 due to utilities. Proposed MW-10R and SB-10 (see map) will also help to define hydrocarbons in groundwater downgradient of the site.
2. The referenced comment indicates you would like a sample or well near MW-4, which is an existing well screened from 7 to 27' that is assessing first groundwater (MW-4 is not significantly impacted by hydrocarbons). Although we included proposed MW-19 next to MW-4 on our 2/20/12 permit application, we believe this well is not necessary based on the appropriately screened interval of MW-4 to assess first groundwater at that location. Please confirm that assessing first groundwater at proposed SB-9 and SB-10 (see attached site plan), is adequate to address the 11/22/11 comment shown above.

Finally, regarding the permitting of SB-10 and SB-11 per our application submitted 2/20/12, we are now proposing only one grab sample at the SW corner of of the intersection of E. 5th and S. Delaware Streets (SB-10, per the attached map). We recognize that this testing location was not requested by GPP, but upon further review of the hydrocarbon impacts at SB-6 and SB-7, we would like to assess the downgradient extent of the hydrocarbon plume in first groundwater at a location nearer residential parcel #033-283-470 to fill in the gap between SP2 and SP7. Both SP2 (1996) and SP7 (2006) showed no hydrocarbon impacts in groundwater.

Upon our submittal and GPP approval of the on-site boring/well permit, we anticipate field work to begin in one mobilization in late March or early April. We will provide you proper notification at that time. Please contact me or Doug Umland if you have any questions.

Regards,

Dan Keltner | Project Manager | USA
Antea™Group
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312 Piercy Road, San Jose, CA 95138
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This e-mail is personal. For our full disclaimer, please visit http://www.anteagroup.com/confidentiality.

Appendix B

Site Setting and Summary of Previous Environmental Investigations

SITE LOCATION AND BACKGROUND

The site is currently an active "76"-branded service station. The station is located approximately one mile west of San Francisco Bay in San Mateo, California, at an elevation of approximately 20 feet above mean sea level. The site facilities include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building. The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site in 1992.

The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East 4th Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area.

There are seven existing or former gasoline service stations within ¼-mile of the site area. The site is located in a mixed commercial and residential area. The nearest residences are southwest of the site at 411 South Claremont, or approximately 50 feet southwest of the site, and an apartment building is located at 603 East 5th Avenue approximately 75 feet northeast of the site.

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon, fiberglass, gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. Upon removal of one of super unleaded gasoline UST, a 9-inch long crack was observed along its eastern end. Petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30' by 27' by 22' deep. Initially, six soil samples (A1, A2, B1, B2, SW1, and SW2) were collected from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches.

At a later date, KEI collected an additional three soil samples (SW1, SW2, and SW3) from the gasoline UST cavity, along with a grab groundwater sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater was observed to have floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2, and D3) from beneath the gasoline dispensers. Laboratory analyses of soil samples collected from the gasoline UST cavity reported relatively high levels of total petroleum hydrocarbons as gasoline (TPHg) benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and total petroleum hydrocarbons as diesel (TPHd). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste

oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. High levels of TPHd, TPHg, and BTEX compounds were also reported in the groundwater sample.

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site. Laboratory analyses of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and BTEX compounds. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially gauged and sampled in June 1994. Laboratory analyses of the water samples collected from MW-2 and MW-3 reported the presence of petroleum hydrocarbons in MW-2 and MW-3. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs) with a groundwater gradient reported at 0.004 foot/foot to the east. KEI concluded to follow a three-month (quarterly) monitoring program.

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed at downgradient, off-site locations in the sidewalk along the opposite side of South Delaware Street from the site. Laboratory analyses of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX contamination in MW-4. The new wells were added to the quarterly groundwater monitoring program and were first sampled in April 1995. Laboratory analyses of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 micrograms per liter (µg/L) TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4.

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 milligrams per kilogram (mg/kg), 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. Tetrachloroethylene (PCE) and other chlorinated solvents were not present in the soil sample.

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at off-site locations. The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab groundwater samples were collected from each borehole. Laboratory analyses of the water samples reported low to moderate levels of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4. Petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2.

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. Four documented wells were identified within a ¼-mile radius of the site.

In December 2006 and January 2007, SECOR supervised the following activities: advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four additional groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5). Laboratory analyses of soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab groundwater sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from MW-6 and MW-9 reported petroleum hydrocarbons. Laboratory analyses of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3).

Based on the results of this investigation, SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended installation of a downgradient well in the shallow water bearing zone and downgradient wells in the deeper water bearing zone along East Fifth Avenue and Delaware Street, and to the northwest and northeast (up and cross-gradient) of the site. SECOR recommended groundwater analyses and historical research to identify the possible source of tetrachloroethylene (PCE) in groundwater.

In August 2008, Stantec oversaw the installation of two shallow groundwater monitoring wells (MW-10 and MW-11), and four deeper zone wells (MW-12B, MW-13B, MW-14B, and MW-15B) at locations down-gradient of the subject site. This included the collection of both soil and groundwater samples from the new wells. Stantec also completed a sensitive receptor survey (SRS) as part of this investigation. Stantec concluded that petroleum hydrocarbon plumes in groundwater had been delineated by the new wells, but recommended continued semiannual groundwater monitoring. No additional evaluation of sensitive receptors was recommended based on findings of the SRS (where no sensitive receptors were identified in the immediate down-gradient direction of the site).

Between 2009 and 2010, Delta Consultants has prepared an investigation work plan to assess the PCE contamination in groundwater in the vicinity of the site. Following submittal of a *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan on October 29, 2010,* Delta is awaiting approval from the lead oversight agency before implementing the work plan, which includes additional soil and groundwater testing at on and off-site locations in order to identify whether the subject site is a source of PCE contamination in groundwater, or if that contamination has originated from elsewhere.

In February 2011, Antea Group (formerly Delta Consultants) received conditional approval from the lead oversight agency, San Mateo County GPP, of their October 29, 2010 submittal titled *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan.*

Between May and June 2011, Antea Group oversaw the installation of one additional groundwater monitoring well MW-17B, and the advancement of six soil borings SB-1 and SB-3 through SB-7 to assess the potential up-gradient presence of PCE in soil and groundwater, as well as to further quantify the degree and extent of on-site and downgradient hydrocarbon contamination associated with the subject site. Details of the investigation are presented in the July 2011 *Potential Tetrachloroethylene (PCE) Source Investigation Report*.

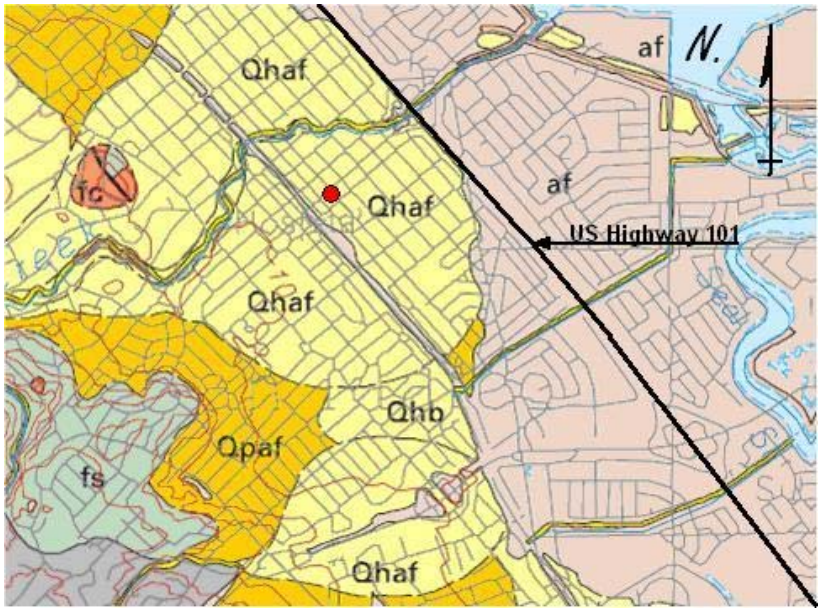
In April and May 2012, Antea Group completed additional delineation of gasoline contaminants in groundwater to the east and southeast of the USTs, as well as the determining whether or not the subject site is a likely contributor to the PCE contaminant plume present in the regional groundwater. Antea Group oversaw the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Also, Antea Group oversaw the destruction of shallow well MW-10, replaced with new well MW-10R at a deeper screened interval.

SITE SETTING

Regional Geologic Setting

The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay. The geologic map of the vicinity below shows that the site is underlain by alluvial fan and fluvial deposits (Qhaf). Near the edge of San Francisco Bay, the deposits consist of medium dense sands that fine upward to sandy or silty clay (E.E. Brabb, et al., 1998). Other deposits in the area are heterogeneous artificial fill (af) and basin

Geologic Map of Vicinity



GEOLOGY OF THE ONSHORE PART OF SAN MATEO COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE 98-137

deposits (Qhb) consisting of fine silty clay to clay deposits.

Regional Hydrogeologic Setting

The site is located within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. Groundwater throughout the area flows typically northeasterly, originating in the Santa Cruz Mountains to the west and flowing towards San Francisco Bay. The basin is composed of alluvial fan deposits formed by tributaries to San Francisco Bay. The water-bearing formations comprise two groups; the Santa Clara Formation of the older Plio-Pleistocene age and the Quaternary age alluvial deposits. The shallow alluvial deposits overlie the Santa Clara Formation and have a maximum depth of about 1,250-feet.

Quaternary age alluvium consists of sand, gravel, silt, and clay deposits that are about 100-feet thick and average about 60-feet thick. The Pliocene age San Mateo Formation consists of deposits of marine sand, gravel, silt, and clay, which are locally water-bearing (DWR 2003).

The prominent groundwater flow direction is to the east.

Stantec conducted a sensitive receptor survey within a ½-mile of the site between July 2008 and August 2008 (Stantec 2008). A detailed parcel survey was performed at a 500-foot radius surrounding the site. The parcel survey identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot radius. A field canvas by Stantec did not identify groundwater production wells, or accompanying facilities associated with groundwater production wells within the search radius. In addition, California Water Service Company, the primary water provider for the area, indicated that they did not have any water supply wells within ½-mile boundary of the survey area.

There is one surface water body identified within the limits of the ½ -mile survey. San Mateo Creek is located approximately 1,488-feet north of the site.

Appendix C

Standard Operating Procedures

STANDARD OPERATING PROCEDURES

Utility Locating

Prior to drilling, boring and excavation locations and an approximate 15-foot by 15-foot box are marked with white paint or other distinct marking and cleared for underground utilities through Underground Service Alert (USA). In addition, Antea Group will contract an independent locator services to clear boring or excavation locations of subsurface assets. The first five feet (or more in instances where utilities are suspected in close proximity) of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities in accordance with Antea Group's subsurface hazard avoidance policy.

Subsurface Investigation Methods – GeoProbe®, Sonic, Hollow Stem Auger Drilling, Sampling, and Borehole Completion

Borehole Advancement using GeoProbe® (Single wall and dual tube)

Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic direct push-type rig for the purpose of collecting samples and evaluating subsurface conditions. The sample barrel located at the leading end of the drill rod serves as a soil sampler, and an acetate liner is inserted into the sample barrel rod prior to advancement of the push rod. Once the sample is collected, the rods and sampler are retracted and the acetate sample tubes are removed from the sampler. The sample barrel is then cleaned, filled with clean sample tubes, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated. This process differs with the use of Dual Tube drilling, where an outer rod is pushed with the sample rod, and only the sample rod is retracted. This process assures that the borehole remains open during drilling, thereby minimizing cave-ins within the borehole.

Undisturbed soil samples selected for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches in length. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting project number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California for analysis. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool. To collect a PID reading, A portion of each liner was placed in a gloss jar and sealed with a disposable tin foil top. After approximately ½-hour, the sampling tube of a PID was inserted into the jar through the foil top. The stabilized PID readings were recorded on the well boring logs

Borehole Advancement using Sonic Drilling

Pre-cleaned heavy-walled down-hole casings (typically 6 to 8 inches in diameter) are advanced using a sonic head. A smaller diameter core barrel (typically 4 to 6 inches in diameter) is advanced through the inside of the down-hole casings to remove the soil cuttings from the borehole for sample collection and evaluation of subsurface conditions.

During drilling, soil samples are collected continuously using the sonic core barrel. A physical description of soil

characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS and field screened for organic vapors using a PID.

Borehole Advancement using Hollow Stem Auger

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. A pre-cleaned split spoon sampler is lined with three 6-inch long brass or stainless steel tubes and attached to the drill rods. The sampler is then driven 18 inches into the underlying soils at the target sample interval by repeatedly dropping a 140-pound hammer over a 30-inch free fall distance. The number of blow counts to drive the sampler each 6-inch interval of sampler advancement are recorded on the field logs. The sampler is driven 18 inches or until the sampler has met refusal (typically 50 blows per six inches), then the sampler is retrieved. Alternatively, soil samples are retrieved by driving the sampler using a pneumatic hammer, when using a limited access rig.

Generally the bottom sample tube is selected for laboratory analysis. The middle tube is extruded for logging and PID screening, and the top tube is considered slough caved off from the sides of the boring prior to sampling.

The retained sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap and stored in a zip-type plastic bag. A label is affixed to the sample indicating the sample identification number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Grab Groundwater Sample Collection

Once the target groundwater sampling depth has been reached, a groundwater sample is collected by inserting a temporary 1-inch schedule 40 PVC casing with a 5-foot screened interval with a pre-attached filter pack into the borehole. The screened interval is placed from at the total depth of the boring. Groundwater is allowed to temporarily stabilize, and grab samples are collected using a peristaltic pump.

Collected water samples are decanted directly into laboratory provided, pre-cleaned, vials or containers and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date, and type of preservative (if applicable, i.e. HCl for GRO, BTEX, and fuel oxygenates) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests.

Borehole Completion

Upon completion of drilling and sampling, the inner casing rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the borehole, through the annulus of the outer casing rods. The outer rods are retracted as the grout is introduced to bottom of the boring to prevent the cross contamination of encountered water bearing zones. Displaced groundwater is collected at the surface and placed into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Well Construction (typical)

Selected borings will be converted to groundwater monitoring wells by the installation of 2-inch diameter Schedule 40 polyvinyl chloride well casing with 0.020-inch factory slotted well screen as stated in the body of the work plan. A filter pack of Monterey #3 grade sand (or equivalent) will be placed in the annular space of the monitoring well borings, extending from the bottom of each well casing to approximately 1-foot above the top of the screened casing. A sanitary seal consisting of a 2-foot bentonite will be placed on above the filter sand and charged with water to create a seal. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the well annulus bentonite to within two feet of the ground surface. Antea Group will install a minimum of a 5-foot annual seal. A traffic-rated well box will be installed on each well to protect and finish the well to surface grade.

Well Development

Groundwater monitoring wells will be allowed to stabilize for a minimum of 72 hours after installation prior to development. During development, wells are surged and purged of approximately 10 casing volumes. After each purged volume (or other stated purge volume) measurements of pH, temperature, electric conductivity (E.C.), turbidity, dissolved oxygen (DO) and total dissolved solids (TDS) are recorded. Following development, the wells will be allowed stabilize for a minimum of 48 hours prior to the collection of any groundwater samples.

Well Gauging

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist. Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot. The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

Well Purging

Depth to water measurements are collected prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions. Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an

electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume). Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

Prior to sampling, wells are left to recharge to at least 80% the initial water column height. Groundwater samples are collected with a disposable bailer.

Equipment Decontamination

Equipment that could potentially come in contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drilling auger and other large pieces of equipment are decontaminated using high pressure hot water spray. Soil and groundwater sampling apparatus, groundwater pumps, liners and other equipment are decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Waste Handling and Disposal *(Soil Cuttings and Rinsate/Purge Water)*

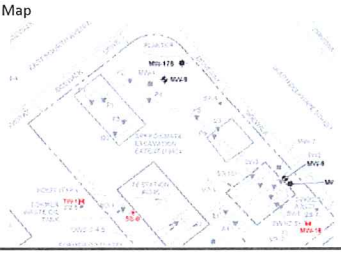
Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

Appendix D

Boring Logs

Project No:	I40256390	Client:	Antea Group	Boring No: SB-8
Logged By:	M. Corley and D. Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 2
Driller:	Woodward Drilling	Date Drilled:	5/16/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	30'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	30'	
Temp Sand Pack:	1" Pre-pack filter			

Location Map



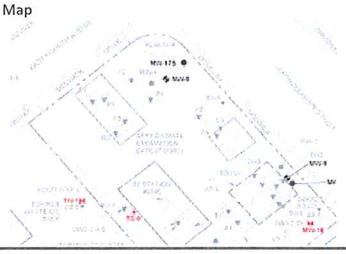
▽ First Water Depth: NA ▼ Static Water Depth: 14.5'

Elevation: Northing: Easting:

Temporary Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Neat Cement (Backfilled after temp well removal); Temp Well: 1" SCH 40 PVC	▼			Air Knife to 5'	1–7				Cleared borehole with air-knife to 5 feet bgs; 6" asphalt At 10": Base rock with sand and clay
		dry			8			SM	Shoe only: Silty SAND (SM) - brown; 75% fine sand (trace medium to coarse sand), 25% silty fines; non plastic fines
		dry			8–9			SC	Clayey SAND with gravel (SC) - light brown; 70% fine to coarse sand, 15% clayey fines, 15% fine gravel; subangular to subrounded gravel
			0.3		10–11			SC	
					12–13			SC	As above with 65% fine to coarse sand; 20% fine gravel; 15% clayey fines; 0.5" diameter gravel
		damp			14–15			SC	Clayey SAND (SC) - brown; 85% fine to medium sand, 15% clayey fines, trace small gravel, trace coarse sand
			0.3		16–17			SC	
		damp			18–19			ML	SILT (ML) - light brown; 90% silty fines, 10% very fine sand; soft; low plasticity fines; orange/red mottling
			0.3		20			CL	Sandy CLAY (CL) - light brown; 70% clayey fines, 30% fine sand; stiff; low plasticity fines
					21			SC	Clayey SAND (SC) - brown; 60% fine to coarse sand, 35% clayey fines, 5% gravel; low plasticity fines
					22			CL	Sandy CLAY (CL) - brown; 65% clayey fines, 35% fine sand; low plasticity fines; soft

Project No:	I40256390	Client:	Antea Group	Boring No: SB-8
Logged By:	M. Corley and D. Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 2 of 2
Driller:	Woodward Drilling	Date Drilled:	5/16/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	30'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	30'	
Temp Sand Pack:	1" Pre-pack filter			
First Water Depth: NA		Static Water Depth: 14.5'		
Elevation:		Northing:		Easting:

Location Map

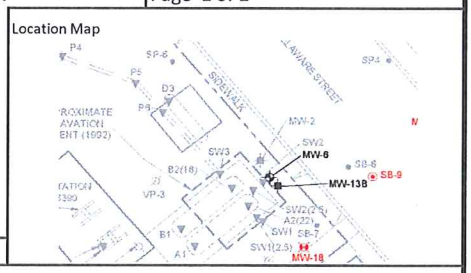


Temporary Well Completion: Backfill	Temporary Well Completion: Temp Well	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement (Backfilled after temp well removal)	1" SCH 40 PVC					23			CL	As above (19.5-21') with trace 0.5 to 1" diameter subrounded gravel
				1.3						As above with tan fine sand nodules
						24			GC	Clayey GRAVEL with sand (GC) - brown/green/light brown/white gravel and brown sand and clay; 60% gravel, 25% fine to coarse sand, 15% clayey fines; 0.25 to 1.25" subangular gravel
			moist			25				
						26			ML	SILT with sand (ML) - brown; 85% silty fines, 15% fine to medium sand; soft; low plasticity fines
						27				
				0.3						Lean CLAY with sand (CL) - brown; 75% clayey fines, 25% fine to coarse sand; very stiff; low plasticity fines
						28			CL	Sandy Lean CLAY (CL) - brown; 65% clayey fines, 35% fine to coarse sand; soft; low plasticity fines
			moist			29				
				0.5						Groundwater sample collected from 25-30' depth.
						30				
						31				
						32				
						33				
						34				
						35				
						36				
						37				
						38				
						39				
						40				
						41				
						42				
						43				
						44				

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EXP.
STATE OF CALIFORNIA

Project No:	I40256390	Client:	Antea Group	Boring No: SB-9
Logged By:	Matt Corley/David Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1
Driller:	Woodward	Date Drilled:	4/12/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	17'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	17'	
Temp Sand Pack:	1" Pre-pack filter			
▽ First Water Depth: 13.6'		▼ Static Water Depth: 15.8'		
Elevation:		Northing:		Easting:

Location Map



Temporary Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill; Temp Well; Neat Cement (Backfilled after temp well removal); 1" SCH 40 PVC	▽ ▼	moist; dry; moist; dry; moist	No readings	Air Knife to 5'	1–22			CL	Cleared borehole with air-knife to 5 feet bgs; 6" asphalt Sandy lean CLAY (CL) - brown; 70% clayey fines, 30% fine to coarse sand, trace small gravel; low plasticity 60% clayey fines, 40% fine to coarse sand Sandy lean CLAY (CL) - brown; 60% clayey fines, 40% fine to coarse sand, trace small gravel; low plasticity light brown; 50% clayey fines, 40% fine to coarse sand, 10% small gravel Sandy lean CLAY (CL) - brown; 60% clayey fines, 40% fine to coarse sand, trace small gravel; low plasticity light brown to tan; 50% clayey fines, 40% fine to coarse sand, 10% small gravel Groundwater sample collected from 12-17' depth.

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Project No:	I40256390	Client:	Antea Group	Boring No: TW-1	
Logged By:	Matt Corley	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 2	
Driller:	Woodward	Date Drilled:	4/10/2012	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	3"		
Sampling Method:	Direct Push	Hole Depth:	27'		
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"		
Temp Slot Size:	0.010	Temp Well Depth:	27'		
Temp Sand Pack:	1" Pre-pack filter				
▽ First Water Depth: NA		▼ Static Water Depth: 15.46'			
Elevation:		Northing:		Easting:	

Temporary Well Completion: Backfill	Temp Well	Temp Well	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement (Backfilled after temp well removal)	1" SCH 40 PVC	1" SCH 40 PVC	▼			Air Knife to 5.0'	1				Soil lithology copied from SB-5 (Logged by Antea Group on 5/18/11) located less than 5 feet from TW-1 at same elevation.
							2				Gravelly SILT with Sand (ML) - brown, 25% fine gravel, 15% sand, 60% fines
							3				
							4				
							5			ML	Poor recovery, 5 inches of soil, liner mangled
							6				
							7				
							8				
							9			SM	Silty SAND with Gravel (SM) - brown, 15% fine subangular gravel, 65% sand, 20%
							10				Silty SAND (SM) - brown, trace fine gravel, 75% sand, 25% fines
							11				
							12			ML	Sandy SILT (ML) - light brown, 40% fine sand, 60% silt, trace fine gravel
							13				
							14			SC	Clayey SAND with Gravel (SC) - brown, 20% fine subangualr gravel, 55% sand,
							15				
							16				No recovery, liner mangled, logged shoe
							17				Clayey SAND with Gravel (SC) - brown, 30% fine subangular gravel, 50% sand, 20% fines, slightly cohesive
							18			CL	Sandy Lean CLAY (CL) - light brown, low plasticity, 35% fine sand, 10% coarse sand, 55% fines
							19				
							20				Attempted groundwater sample collection at 15-20'. No water. Sample not collected.
							21				Lean CLAY (CL) - light brown, medium plasticity, 10% fine sand
							22				As above, contains black mottling with moisture pockets

Project No:	I40256390	Client:	Antea Group	Boring No: TW-1
Logged By:	Matt Corley	Location:	402 S Delaware Street, San Mateo, CA	Page 2 of 2
Driller:	Woodward	Date Drilled:	4/10/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	27'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	27'	
Temp Sand Pack:	1" Pre-pack filter			
▽ First Water Depth: NA		▼ Static Water Depth: 15.46'		
Elevation:		Northing:		Easting:

Location Map

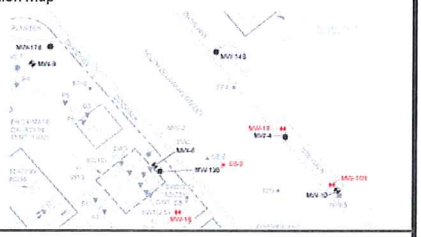


Temporary Well Completion: Backfill	Temporary Well Completion: Temp Well	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement						23			CL	Soil lithology copied from SB-5 (Logged by Antea Group on 5/18/11) located less than 5 feet from TW-1.
						24			SC	Clayey SAND with Gravel (SC) - brown, slight plasticity, 25% fine subangular gravel, 35% sand, contains moisture pockets
						25				Groundwater sample collected from 22-27' screened interval.
						26			CL	Sandy Lean CLAY with Gravel (CL) - light brown with orange and black mottling, slight plasticity, 15% fine gravel, 25% sand, cohesive
						27				SANDY Lean CLAY (CL) - light brown with grey mottling, low to medium plasticity, 40% fine sand, grey areas contain moisture and increased sand
						28				Boring terminated at 27' (TW-1)
						29				
						30				

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EXP. 12/31/2013
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Project No:	I40256390	Client:	Antea Group	Boring No: MW-10R	
Logged By:	Matt Corley/David Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1	
Driller:	Woodward	Date Drilled:	4/12/2012		
Drilling Method:	8" Hollow Stem Auger	Hole Diameter:	8"		
Sampling Method:	Direct Push	Hole Depth:	21'		
Casing Type:	2" SCH 40 PVC	Well Diameter:	2"		
Slot Size:	0.020	Well Depth:	21'		
Sand Pack:	#3 Sand				
First Water Depth: NA		Static Water Depth: NA			
Elevation:		Northing:		Easting:	

Location Map



Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement / Bentonite / 2" SCH 40 PVC / #3 Sand				Air Knife to 5.0'	1–5				Cleared borehole with air-knife to 5 feet bgs; 6" concrete
		dry			7			CL	Sandy lean CLAY (CL) - tan; 55% clayey fines, 40% fine to coarse sand, 5% small gravel
		dry			9			SC	Clayey SAND (SC) - brown; 65% fine to coarse sand, 30% clayey fines, 5% small gravel; subrounded to subangular coarse sand and gravel
		dry			13			SC	Clayey SAND (SC) - light brown to tan; 60% fine to coarse sand, 30% clayey fines, 10% small gravel, trace large gravel; subrounded to subangular coarse sand and gravel
		moist			14				Poorly graded GRAVEL (GP) - purplish grey; 1" lens; small and large gravel
		moist	0		15			SC / CL	Lean CLAY (CL) - brown; 90% clayey fines, 10% fine sand; sand nodules; low plasticity
		moist	0.2		18			ML	Sandy SILT (ML) - light brown; 60% silty fines, 40% fine sand; medium plasticity
		moist	12.9		20	3" rec.		ML	SILT with sand (ML) - light brown; 80% silty fines, 20% fine sand
					21			ML	Sandy SILT (ML) - olive green; 60% silty fines, 40% fine sand; low plasticity

PROFESSIONAL GEOLOGIST — DOUGLAS K. UMLAND — No. 8187 — STATE OF CALIFORNIA

12/31/2013

Project No:	I40256390	Client:	Antea Group	Boring No: MW-18
Logged By:	M. Corley and D. Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1
Driller:	Woodward Drilling	Date Drilled:	5/16/2012	
Drilling Method:	8" Hollow Stem Auger	Hole Diameter:	8"	
Sampling Method:	Direct Push	Hole Depth:	21'	
Casing Type:	2" SCH 40 PVC	Well Diameter:	2"	
Slot Size:	0.020	Well Depth:	21'	
Sand Pack:	#3 Sand			
First Water Depth: NA		Static Water Depth: 14.45'		
Elevation:		Northing:		Easting:

Location Map

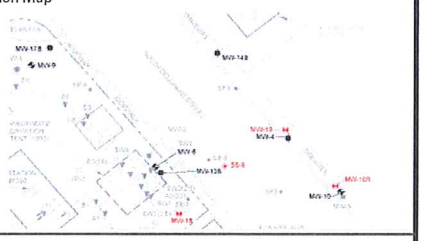


Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement / Bentonite / 2" SCH 40 PVC / #3 Sand	▽	dry		Air Knife to 5.0'	1			SM	Cleared borehole with air-knife to 5 feet bgs; 6" concrete
					2				Silty SAND (SM) - 60% very fine sand, 40% silty fines; non plastic fines
					3				
					4				
					5			SC	Clayey SAND with gravel (SC) - brown; 65% fine to coarse sand, 30% clayey fines, 5% fine gravel; subangular coarse sand and gravel
					6				3" lens at 6': As above with 40% fine to coarse sand, 30% gravel, 30% clayey fines; angular gravel with diameter less than 3 cm
		dry			7				
		dry			8				
			0.6		9				
					10				
		dry	0.7		11				Clayey SAND with gravel (SC) - brown; 75% fine to coarse sand, 25% clayey fines, trace gravel; loose to medium dense
					12				As above with 70% fine to coarse sand; 25% clayey fines, 5% gravel
					13			SC	
					14				As above with 70% fine to coarse sand, 25% clayey fines, 5% gravel; loose
	▽				15				
		dry	0.9		16				As above with dark brown color; 60% fine to coarse sand, 40% clayey fines, trace gravel; low plasticity fines
					17				As above
					18				
		moist						CL	Sandy CLAY (CL) - brown- olive; 70% clayey fines, 30% fine sand; low plasticity
		moist	10K+		19			SM	Silty SAND (SM) - brown; 60% fine sand; 40% silty fines, petroleum odor
					20				2" lens at 20.75': As above with brown- green color; increased coarse sand
			559		21				
					22				

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Project No:	I40256390	Client:	Antea Group	Boring No: MW-19
Logged By:	David Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1
Driller:	Woodward	Date Drilled:	4/11/2012	
Drilling Method:	8" Hollow Stem Auger	Hole Diameter:	8"	
Sampling Method:	Direct Push	Hole Depth:	21'	
Casing Type:	2" SCH 40 PVC	Well Diameter:	2"	
Slot Size:	0.020	Well Depth:	21'	
Sand Pack:	#3 Sand			
▽ First Water Depth: 19.75'		▼ Static Water Depth: NA		
Elevation:		Northing:		Easting:

Location Map



Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement / Bentonite / 2" SCH 40 PVC / #3 Sand				Air Knife to 5.0'	0–5				Cleared borehole with air-knife to 5 feet bgs; 6" concrete
		dry			5–10			CL	Sandy lean CLAY (CL) - LIGHT BROWN TO TAN; 75% clayey fines, 20% fine sand, 5% gravel; hard; low plasticity
		dry	0.3		9–10			CL	Sandy lean CLAY (CL) - brown; 85% clayey fines, 15% fine sand, trace gravel; tan fine sand clasts; very hard; low plasticity
					10–13			SC	Clayey SAND with gravel (SC) - light brown; 50% fine sand, 30% clayey fines, 20% small to large gravel
					12			SC	increasing gravel
			0.2		13–16			SC	Clayey SAND with gravel (SC) - light brown; 40% fine sand, 40% small to large gravel. 20% clayey fines
					16			SC	olive green to grey; low petroleum odor
		moist			17			GC	Clayey GRAVEL with sand (GC) - 60% gravel, 20% fine sand, 20% fines
			638		18			SW	Well graded SAND (SW) - fine to medium sand, trace gravel; high petroleum odor
			105		19–20			GC	Clayey GRAVEL with sand (GC) - light brown to tan; 40% gravel, 30% fine to coarse sand, 30% clayey fines; fine sand clasts
	▽	wet	28.5		20			GC	
					21–22				

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Appendix E

Well Development Field Data Sheets

antea group

WELL DEVELOPMENT FIELD DATA SHEET

Project No. 140256390 Location: 76 SERVICE STATION NO. 256390 402 S DELAWARE ST, SAN MATEO, CA Well ID: MW-18

Client: COP ECT Field Technician: DAVID SISAK AND MATT CORLEY

WELL INFORMATION

Date: 05/17/2012 Time: 1055

Depth to Liquid:	—	TOC	—	GS
Depth to Water:	14.45 FT	TOC	—	GS
Total Depth:	21.2 FT	TOC	—	GS

Probe Type and ID#

- ☐ Oil /Water Interface:
- ☒ Electronic Indicator: HORIBA V-50
- ☐ Other:

CASING DIAMETER		GAL PER LINEAR FT.
☐	1	0.04
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

TD 21.2 - DTW 14.45 Gal/Linear x Foot 0.17 = 1.15 Number of x Casings 10 Calculated = Purge 11.5

TIME (2400 hr.)	VOLUME (gal.)	pH (units)	E.C. (ms/cm)	TEMP. (°C)	DTW TOC/GS	TURB ~~ug/L~~ NTU	DO ~~mg/L~~ ppm	OBSERVATIONS
1111	2.5	6.80	2.12	19.19	14.45	1000+	8.76	
1119	7.5	6.80	1.69	18.64		0.0	6.41	
1122	12.5	6.72	1.12	19.15		0.0	5.65	
1125	17.5	6.65	1.18	17.45		0.0	4.81	
1128	22.5	6.88	0.883	18.92		0.0	5.84	
1131	27.5	6.86	1.09	18.49		0.0	8.24	
1135	32.5	6.64	1.07	19.17		0.0	6.56	
1138	37.5	6.50	1.07	19.15		0.0	5.42	
1140	42.5	6.48	1.07	19.22		647	38.5	

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WELL DEVELOPMENT FIELD DATA SHEET

Project No. 140256390 Location: 76 SERVICE STATION NO. 256390, 402 S DELAWARE ST, SAN MATEO, CA Well ID: MW-10R

Client: COP ECT Field Technician: DAVID SISAK AND MATT CORLEY

WELL INFORMATION

Date: 05/17/2012 Time: 1156

Depth to Liquid:	— TOC	— GS		
Depth to Water:	14.22 TOC	— GS		
Total Depth:	20.62 TOC	— GS		

Probe Type and ID#

- ☐ Oil /Water Interface:
- ☒ Electronic Indicator: HORIBA U-50
- ☐ Other:

CASING DIAMETER		GAL PER LINEAR FT.
☐	1	0.04
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

TD 20.62 - DTW 14.22 Gal/Linear x Foot 0.17 = 1.09 Number of x Casings 10 Calculated = Purge 10.9

TIME (2400 hr.)	VOLUME (gal.)	pH (units)	E.C. (ms/cm)	TEMP. (°C)	DTW TOC/GS	TURB µg/L	DO ~~ppm~~ mg/L	OBSERVATIONS
1202	2.5	7.70	1.91	17.74	14.22	1000+	6.45	
1206	7.5	6.71	1.33	18.91		0.0	3.53	
1208	12.5	6.65	1.25	18.84		0.0	4.65	
1212	17.5	6.62	0.990	19.51		0.0	4.23	
1215	22.5	6.60	0.956	19.45		751	4.22	
1219	27.5	6.90	0.974	19.18		0.0	4.58	SOIL REMOVED FROM WELL DURING PURGE MOVES
								TOTAL DEPTH AFTER PURGE 21.5 FT.

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WELL DEVELOPMENT FIELD DATA SHEET

Project No. 140256390 Location: 76 SERVICE STATION NO. 256390 402 S DELAWARE ST, SAN MATEO, CA Well ID: MW-19

Client: COP ECT Field Technician: DAVID SISAC AND MATT CORLEY

WELL INFORMATION

Date: 05/17/2012 Time: 1230

Depth to Liquid:	— TOC	— GS		
Depth to Water:	14.06 TOC	— GS		
Total Depth:	20.6 TOC	— GS		

Probe Type and ID#

- ☐ Oil /Water Interface:
- ☒ Electronic Indicator: HORIBA U-50
- ☐ Other:

CASING DIAMETER		GAL PER LINEAR FT.
☐	1	0.04
☒	2	0.17
☐	3	0.38
☐	4	0.66
☐	4.5	0.83
☐	5	1.02
☐	6	1.5
☐	8	2.6

TD 20.6 - DTW 14.06 Gal/Linear x Foot 0.17 = 1.12 Number of x Casings 10 Calculated = Purge 11.2

TIME (2400 hr.)	VOLUME (gal.)	pH (units)	E.C. (ms/cm)	TEMP. (°C)	DTW TOC/GS	TURB ~~µg/L~~ NTU	DO ~~ppm~~ mg/L	OBSERVATIONS
1240	2.5	6.98	1.81	17.50	14.06	643	3.74	
1249	7.5	6.82	1.01	17.28		0.0	4.90	
1255	12.5	6.72	0.794	17.59		0.0	9.75	
1300	17.5	6.70	0.798	17.57		0.0	5.16	
1306	22.5	6.49	0.761	17.92		0.0	3.33	
1314	27.5	6.66	0.642	19.22		0.0	5.44	SOIL REMOVED FROM WELL DURING PURGE MAVES
								TOTAL DEPTH AFTER PURGE 20.65 FT.

Appendix F

Survey Data

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
phone: (831) 724-2580
fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

May 30, 2012

Matt Corley
Antea Group
312 Piercy Road
San Jose, CA 95138

Re: **76 Service Station No. 6390, 402 South Delaware Street, San Mateo, California;** Antea Project No. I40256390, MCE Job No. 08119X2

Dear Mr. Corley,

As you requested, on May 25 we surveyed three monitoring wells, five soil borings and a temporary well located at the referenced site. Our findings are shown on the attached sheets, expressed in State Plane Coordinates and Latitude/Longitude, and are consistent with our previous surveys of August 18, 2008 for Stantec and of June 6, 2011 for Antea.

For the monitoring wells a notch was cut in the north rim of the PVC casing (toc) and a cross chiseled in the north rim of the standard box (tob). Measurements for the temporary well were taken at the top center of the box. The soil borings were measured at the approximate center of the grout.

Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using data for MW-4 TOC and MW-7 TOC reported to GeoTracker from surveys by Morrow Surveying dated 8/13/2005 and 12/19/2006.

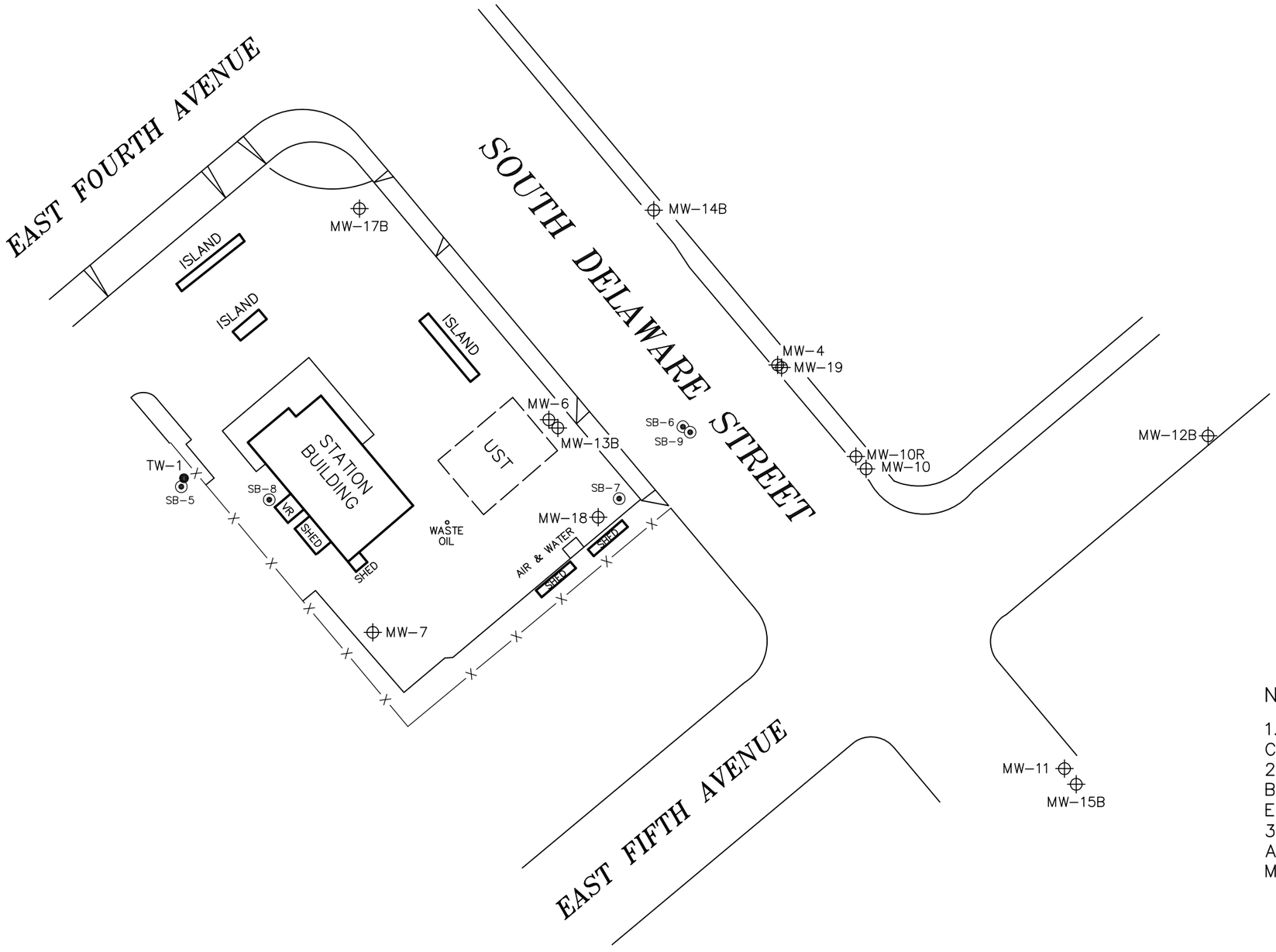
The benchmark used for this survey is the TOC of MW-7 as described above and reported by Morrow Surveying. Elevation = 21.74 feet, reported to be NAVD 88 datum.

Please let me know if you have questions or need additional information.

Yours truly,



Lee D. Vaage



NOTES:

1. COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 83.
2. BENCHMARK IS TOC MW–7 FROM A SURVEY BY MORROW SURVEYING DATED 1/16/2007. ELEVATION = 21.74, NAVD 88 DATUM.
3. SURVEYED AT THE REQUEST OF STANTEC IN AUGUST 2008 AND ANTEA IN JUNE 2011 AND MAY 2012, PROJECT NO. 140256390.

MONITORING WELL LOCATION MAP FOR
76 SERVICE STATION NO. 6390

402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

MCE
MID COAST ENGINEERS
CIVIL ENGINEERS AND LAND SURVEYORS
70 PENNY LANE SUITE A WATSONVILLE, CA 95076
(831) 724–2580

SCALE IN FEET
0 40 80

SCALE:	1"=40'
JOB NO.	08119X2
DATE:	MAY 31, 2012
SHEET:	1 OF 1

76 STATION NO. 6390
402 South Delaware Street
San Mateo, California

ANTEA Project No. I40256390

Project : 08119X2
User name MCE Date & Time 11:03:13 AM 5/30/2012
Coordinate System US State Plane 198 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 88
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Latitude	Longitude	Elevation	Description
143	37.565919554°N	122.318599576°W	19.11	MW-10Rtoc
144	37.565920245°N	122.318599656°W	19.41	MW-10Rtob
141	37.565858087°N	122.318901129°W	19.61	MW-18toc
142	37.565859054°N	122.318901035°W	20.02	MW-18tob
149	37.566001518°N	122.318688921°W	19.06	MW-19toc
150	37.566002406°N	122.318689041°W	19.29	MW-19tob
157	37.565879131°N	122.319391740°W	22.52	SB-5
138	37.565944337°N	122.318803594°W	19.62	SB-6
140	37.565875862°N	122.318876827°W	19.77	SB-7
108	37.565868537°N	122.319288158°W	21.36	SB-8
137	37.565939322°N	122.318794973°W	19.61	SB-9
158	37.565887079°N	122.319388877°W	22.58	TW-1

76 STATION NO. 6390
402 South Delaware Street
San Mateo, California

ANTEA Project No. I40256390

Project : 08119X2
User name MCE Date & Time 11:03:13 AM 5/30/2012
Coordinate System US State Plane 198 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NAVD 88
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Northing	Easting	Elevation	Description
143	2033648.78	6034606.22	19.110	MW-10Rtoc
144	2033649.04	6034606.20	19.410	MW-10Rtob
141	2033628.11	6034518.40	19.610	MW-18toc
142	2033628.46	6034518.43	20.020	MW-18tob
149	2033679.12	6034580.91	19.060	MW-19toc
150	2033679.45	6034580.88	19.290	MW-19tob
157	2033638.53	6034376.38	22.520	SB-5
138	2033658.95	6034547.27	19.620	SB-6
140	2033634.44	6034525.57	19.770	SB-7
108	2033634.09	6034406.32	21.360	SB-8
137	2033657.08	6034549.74	19.610	SB-9
158	2033641.41	6034377.26	22.580	TW-1

Appendix G

Groundwater Sampling Field Data Sheets

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 256390 **Site Address:** 402 DELAWARE ST. SAN MATEO

Field Technician: COREY KLOSTERMAN BLAINE TECH *(Print Full Name & Company*)* **Date:** 5/30/12 **Weather:** CLEAR

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
6	MW-4	G	G	G	G	G	N	2	0854	14.86	26.92			
14	MW-6	G	G	G	G	G	N	2	0944	14.68	18.93			
8	MW-7	G	G	G	G	G	N	2	0910	17.00	24.22			
2	MW-8	G	G	G	G	G	N	2	0826	14.09	29.92			
1	MW-9	G	G	G	G	G	N	2	0820	DRY	14.61			
10	MW-10R	G	G	G	G	G	N	2	0923	15.02	20.41			
9	MW-11	G	G	G	G	G	N	2	0917	14.85	14.86			
11	MW-12B	G	G	G	G	G	N	2	0929	14.92	28.82			
12	MW-13B	G	G	G	G	G	N	2	0934	14.82	31.60			
4	MW-14B	G	G	G	G	G	N	2	0840	14.20	27.95			
5	MW-15B	G	G	G	G	G	N	2	0848	15.25	26.48			
3	MW-17B	G	G	G	G	G	N	2	0832	14.14	27.10			
13	MW-18	G	G	G	G	G	N	2	0939	15.29	21.12			
7	MW-19	G	G	G	G	G	N	2	0900	14.85	20.58			

Notes:

** All well caps opened at least 15 minutes or longer before gauging wells:
CIRCLE ONE: YES or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Groundwater Sampling For:

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-4	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	14.86	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	26.92	Water Column Height (ft):	12.06

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (~~gal~~)	Water Level (for Low-Flow only)
Pre-Purge				—		1.91		
1025	18.2	6.50	528	—	—	—	900	15.00
1028	18.4	6.47	527	—	—	—	1800	15.00
1031	18.5	6.47	528	—	—	—	2700	15.00
1034	18.5	6.47	528	—	—	—	3600	15.00
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (~~gal~~): ~~4500~~ 3600

Other Comments: 300 ML/MIN * PURGED OUT OF CLEAR TO DIRTY DUE TO TRAFFIC

PUMP DEPTH: 16'

Sample Info:

Sample ID:	MW-4_20120530	Sample Date and Time:	5/30/12 1040
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling For

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-6	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	14.68	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	18.92	Water Column Height (ft):	4.24

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (~~gal~~ mL)	Water Level (for Low-Flow only)
Pre-Purge				—		0.79		
1410	21.9	6.35	946	—	—	—	900	14.85
1413	22.0	6.30	937	—	—	—	1800	14.85
1416	22.1	6.29	936	—	—	—	2700	14.85
1419	22.0	6.29	935	—	—	—	3600	14.85
1422	22.0	6.28	935	—	—	—	4500	14.85
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (~~gal~~ mL): 4500

Other Comments: 300 mL/MIN * FIELD DUPLICATE: FD1_20120530 @ 1430

PUMP DEPTH: 17'

Sample Info:

Sample ID: MW-6_20120530 Sample Date and Time: 5/30/12 1425

Selected Analysis: SEE COC

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

Groundwater Sampling For:

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-7	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	17.00	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	24.22	Water Column Height (ft):	7.22

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___/___ X Conversion Factor (gal/ft):___/___ = Casing Volume (gal):___/___

Casing Volume (gal):___/___ X Specified Volumes:___/___ = Calculated Purge (gal):___/___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** _____ **Stop Time:** _____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		1.32		
1230	20.6	6.87	460	—	—	—	900	17.20
1233	20.6	6.70	454	—	—	—	1800	17.20
1236	20.7	6.67	454	—	—	—	2700	17.20
1239	20.6	6.66	452	—	—	—	3600	17.20
1242	20.6	6.65	451	—	—	—	4500	17.20
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): ~4500

Other Comments: 300 ML/MIN

PUMP DEPTH: 22'

Sample Info:

Sample ID:	MW-7_20120530	Sample Date and Time:	5/30/12 1245
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-10R	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	15.02	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.41	Water Column Height (ft):	5.39

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / (Electric Submersible) / Peristaltic Pump / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:**_____ **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge				—		2.11		
1120	20.0	6.46	1175	—	—	—	900	15.30
1123	19.9	6.36	1175	—	—	—	1800	15.28
1126	19.9	6.26	1175	—	—	—	2700	15.28
1129	19.9	6.25	1175	—	—	—	3600	15.28
1132	19.9	6.24	1177	—	—	—	4500	15.28
1135	19.9	6.24	1176	—	—	—	5400	15.28
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal)~~ mL 5400

Other Comments: 300 mL/MIN * PURGED OUT OF CLEAR TO DIRTY DUE TO TRAFFIC

PUMP DEPTH: 16.5'

Sample Info:

Sample ID:	MW-10R_20120530	Sample Date and Time:	5/30/12 1140
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature:_____ Date: 5/30/12

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CW
Field Point:	MW-11	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	14.25	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	14.88	Water Column Height (ft):	0.63

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:**_____ **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		3.64		
1450	71.0	6.45	855	—	—	—	—	14.25
*	INSUFFICIENT WATER TO ~~PURGE~~ POST PURGE SAMPLE							
*	GRAB SAMPLE TAKEN							
Post-Purge								

Did Well dewater? Yes No — Total Purge volume (gal):

Other Comments: — mL/MIN * SAMPLED OUT OF CLEAR TO DIRTY DUE TO TRAFFIC

PUMP DEPTH: —

Sample Info:

Sample ID:	MW-11_20120530	Sample Date and Time:	5/30/12 1450
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-13B	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	14.82	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	31.00	Water Column Height (ft):	16.18

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: Stop Time:

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		1.68		
1300	22.0	6.50	679	—	—	—	900	14.98
1303	22.2	6.35	705	—	—	—	1800	14.98
1306	22.3	6.33	710	—	—	—	2700	14.98
1309	22.4	6.26	718	—	—	—	3600	14.98
1312	22.4	6.25	720	—	—	—	4500	14.98
1315	22.5	6.24	722	—	—	—	5400	14.98
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal) mL 5400

Other Comments: 300 mL/MIN
PUMP DEPTH: 21'

Sample Info:

Sample ID:	MW-13B_20120530	Sample Date and Time:	5/30/12 1320
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

anteagroup
Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-14B	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	14.20	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	27.95	Water Column Height (ft):	13.75

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge				—		1.99		
0958	18.8	6.60	535	—	—	—	900	14.30
1001	18.9	6.55	534	—	—	—	1800	14.30
1004	18.9	6.54	534	—	—	—	2700	14.30
1007	19.0	6.53	534	—	—	—	3600	14.30
1010	19.0	6.52	534	—	—	—	4500	14.30
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal)~~ mL: 4500 mL

Other Comments: 300 mL/MIN *PURGED OUT OF CLEAN TO DIRTY DUE TO TRAFFIC

PUMP DEPTH: 25' * MS/MSD TAKEN

Sample Info:

Sample ID:	MW-14B_20120530	Sample Date and Time:	5/30/12 1015
Selected Analysis:	8260 COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

anteagroup

Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-1B	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	15.27	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	21.12	Water Column Height (ft):	5.85

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___/___ X Conversion Factor (gal/ft):___/___ = Casing Volume (gal):___/___

Casing Volume (gal):___/___ X Specified Volumes:___/___ = Calculated Purge (gal):___/___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						2.12		
1340	22.7	6.50	1081	—	—	—	900	15.35
1343	22.6	6.51	1081	—	—	—	1800	15.35
1346	22.6	6.51	1082	—	—	—	2700	15.35
1349	22.5	6.50	1083	—	—	—	3600	15.35
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): 3600

Other Comments: 300 ML/MIN

PUMP DEPTH: 16.5'

Sample Info:

Sample ID:	MW-1B_20120530	Sample Date and Time:	5/30/12 1355
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

anteagroup

Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 DELAWARE ST SAN MATEO		
Project No:	256390	Field Technician:	CK
Field Point:	MW-19	Date:	5/30/12
Depth to Water (DTW) (ft bgs):	14.85	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.58	Water Column Height (ft):	5.73

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):___ X Conversion Factor (gal/ft):___ = Casing Volume (gal):___

Casing Volume (gal):___ X Specified Volumes:___ = Calculated Purge (gal):___

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:**_____ **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		2.36		
1050	18.3	6.49	692	—	—	—	900	15.02
1053	18.4	6.49	695	—	—	—	1900	15.02
1056	18.5	6.50	696	—	—	—	2700	15.02
1059	18.5	6.50	696	—	—	—	3600	15.02
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal) mL 3600 mL

Other Comments: 300 ML/MIN * PURGED OUT OF CLEAN TO DIRTY DUE TO TRAFFIC

PUMP DEPTH: 16'

Sample Info:

Sample ID:	MW-19_20120530	Sample Date and Time:	5/30/12 1105
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) COREY KILPATRICK, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5/30/12

anteagroup
Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

anteagroup

COPY

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

This Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of
Cooler # ____ of ____

Required Lab Information:

Lab Name:	Pace-Seattle
Address:	940 S. Harney Street Seattle WA 98108
Lab PM:	Regina Ste. Marie
Phone/Fax:	P: 206-957-2433 F: 206-767-5063
Lab PM email	Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	256390
Task:	WG_Q_201205
AnteaGrp proj#	
Site Address	402 DELAWARE ST
City	SAN MATEO
State	CA 94402
AG PM Name:	Doug Umland
Phone/Fax:	P: 1-800-477-7411 F: 408-225-8506
AG PM Email:	doug.umland@anteagroup.com

Required Invoice Information:

Send Invoice to:	Tara Bosch
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	1-800-477-7411
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	copeltdata@intelligentehs.com
CC Hardcopy report to	dan.keltner@anteagroup.com
CC Hardcopy report to	

Turn around time (days)	10
QC level Required: Standard	
Special	
Mark on	
NJ Reduced Deliverable Package?	
MA MCP Cert?	
CT RCP Cert?	
Mark On	
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	SG		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 GC/MS GRO	8260Btex/MTBE/Oxy/CA	8260VOCs+Full List	Comments/Lab Sample I.D.
1	MW-10R_20120530	WG		5/30/12	1140	6	N				X					X	X	X	
2	MW-11_20120530	WG			1450	6	N				X					X	X	X	
3	MW-13B_20120530	WG			1320	6	N				X					X	X	X	
4	MW-14B_20120530	WG			1015	10	N				X					X	X	X	
5	MW-4_20120530	WG			1040	6	N				X					X	X	X	
6	MW-6_20120530	WG			1425	6	N				X					X	X	X	
7	MW-7_20120530	WG			1245	6	N				X					X	X	X	
8	MW-18_20120530	WG			1355	6	N				X					X	X	X	
9	MW-19_20120530	WG			1105	6	N				X					X	X	X	
10	TB1_20120530	W			0630	4	N				X					X	X	X	
11	FD1_20120530	W			1430	6	N				X					X	X	X	
12																			

Requested Analyses

Additional Comments/Special Instructions:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] BTS	5/30/12	1530			

Sample Receipt Conditions

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD: (mark as appropriate)

UPS COURIER FEDEX

US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: COPELT KELTNER

SIGNATURE of SAMPLER: [signature]

DATE Signed: 5/30/12 Time: 1455

Inogen Environmental Alliance

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 402 DELAWARE ST, SAN MATEO				PROJECT NUMBER 120530-CK1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556 FLOW CELL	06F1342A1	05/30/12 0615	3900 µs CONDUCT.	3895	YES		CK
			7.00 pH 10.00 4.00	6.95 9.98 3.97	YES		CK
YSI 550	08B100951	05/30/12 0615	D/O 100%	101.3 %	YES		CK

Appendix H

Non-Hazardous Waste Manifests

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
6, 4, 12		393 / 470	A07	39110	1601

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	
PLATINUM ENERGY ATTENTION: SHANE NOLAN 30343 CANWOOD STREET, SUITE 200 AGOURA HILLS, CA 91301	818-206-6705	
	Person to Contact:	
	FAX#:	Customer Account Number

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Generation Site (Transport from): *(name & address)*	Site Phone #:	
76 STATION NO. 256390 402 S DELAWARE ST SAN MATEO, CA 94402	Person to Contact:	
	FAX#:	

Designated Facility (Transport to): *(name & address)*	Facility Phone #:	
SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	(800) 862-8001	
	Person to Contact: DELLENA JEFFREY	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address:	Transporter's Phone #:	
BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 204779	949-460-5200	CAR000183913
	Person to Contact: LARRY MOOTHART	460647
	FAX#: 949-460-5210	Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	4 yds		39900	37600	2300
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					1.15

List any exception to items listed above: Scale Ticket # 162126

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☑	Signature and date:	Month	Day	Year
Sara Richey on behalf of Platinum Energy	Sara Richey	04	20	12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
T. Salazar		5	13	12

Recycling Facility

Discrepancies:
256390
765771

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	6.4.12

Please print or type.

TRANSPORTED COPY

NO. 699883 16

NON-HAZARDOUS WASTE DATA FORM

BEST # 206330

GENERATOR

Generator's Name and Mailing Address

PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Site Address (if different than mailing address)

76 STATION NO. 256390
402 S DELAWARE ST
SAN MATEO, CA 94402

Generator's Phone: 818-206-5705

Container type removed from site:

☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other

Quantity 2

Container type transported to receiving facility:

☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck ☐ Other

Quantity 1 Volume 110 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile

PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS:

Generator Printed/Typed Name: Caitlin Morgan (on behalf of Platinum Energy) Signature: Caitlin Morgan Month 05 Day 30 Year 12

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Luis Navarro Signature: Month 5 Day 30 Year 12

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC. Phone#: 714-990-6855

Transporter 2 Printed/Typed Name: PHIL NIETO Signature: Month 06 Day 06 Year 12

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

Printed/Typed Name: Alejandro Rangel Signature: Alejandro Rangel Month 06 Day 08 Year 12

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

256390
768817

Manifest

SOIL SAFE OF CA - TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
/ /		394/732	A07	~~39449~~ 39302	001

Generator and/or Consultant

Generator's Name and Billing Address:
PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Phone #: 818-206-5705
Person to Contact:
FAX#:
Customer Account Number

Consultant's Name and Billing Address:

Consultant's Phone #:
Person to Contact:
FAX#:
Customer Account Number

Generation Site (Transport from): *(name & address)*
76 STATION NO. 256390
402 S DELAWARE ST
SAN MATEO, CA 94402

Site Phone #:
Person to Contact:
FAX#:

Designated Facility (Transport to): *(name & address)*
SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001
Person to Contact: DELLENA JEFFREY
FAX#: (760) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 206330

Transporter's Phone #: 949-460-5200
CAR000163913
Person to Contact: LARRY MOOTHART
450647
FAX#: 949-460-5210
Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	2	Soil	38500	37400	1100
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					55

List any exception to items listed above:
Scale Ticket # 162322

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☑ Cristin Moraru / on behalf of Platinum Energy
Signature and date:
Month 05 Day 30 Year 12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Luis Navarro
Signature and date:
Month 5 Day 30 Year 12

Recycling Facility

Discrepancies:
256390
770833

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: D. JEFFREY/J. PROVANSAL
Signature and date: 6-18-12

Please print or type.

TRANSPORTER COPY

Appendix I

Certified Laboratory Analytical Reports

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Laboratory Results

Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Subject : 6 Soil Samples and 1 Water Sample
Project Name : 76 SERVICE STATION NO. 256390
Project Number : I40256390
P.O. Number : I40256390

Dear Mr. Keltner,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Subject : 6 Soil Samples and 1 Water Sample
Project Name : 76 SERVICE STATION NO. 256390
Project Number : I40256390
P.O. Number : I40256390

Case Narrative

All soil samples were reported on a total weight (wet weight) basis.

The Method Reporting Limit for Styrene has been increased due to the presence of an interfering compound for sample MW-18_d19.5.

A version of this report was previously issued on 05/24/2012. This revised version replaces that report.

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8_d9.0		SB-8_d17.5		SB-8_d23.5		SB-8_d27.5		MW-18_d15.5		MW-18_d19.5	
			Sample Date	05/16/12		05/16/12		05/16/12		05/16/12		05/16/12		05/16/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Diisopropyl ether (DIPE)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Tert-Butanol	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	2.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
TPH as Gasoline	EPA 8260B	mg/Kg		1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	40	**2200**
1,1,1,2-Tetrachloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,1,1-Trichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,1,2,2-Tetrachloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,1,2-Trichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,1-Dichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,1-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,1-Dichloropropene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2,3-Trichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2,3-Trichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2,4-Trichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2,4-Trimethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**110**
1,2-Dibromo-3-chloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2-Dibromoethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2-Dichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8_d9.0		SB-8_d17.5		SB-8_d23.5		SB-8_d27.5		MW-18_d15.5		MW-18_d19.5	
			Sample Date	05/16/12		05/16/12		05/16/12		05/16/12		05/16/12		05/16/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
1,2-Dichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2-Dichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,3,5-Trimethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**42**
1,3-Dichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,3-Dichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,4-Dichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
2+4-Chlorotoluene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.80	ND
2,2-Dichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Benzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**2.1**
Bromobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Bromochloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Bromodichloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Bromoform	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Bromomethane	EPA 8260B	mg/Kg		0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	8.0	ND
Carbon Tetrachloride	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Chlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Chloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Chloroform	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Chloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Dibromochloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8_d9.0		SB-8_d17.5		SB-8_d23.5		SB-8_d27.5		MW-18_d15.5		MW-18_d19.5	
			Sample Date	05/16/12		05/16/12		05/16/12		05/16/12		05/16/12		05/16/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Dibromomethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Dichlorodifluoromethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Ethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**52**
Hexachlorobutadiene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Isopropyl benzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**3.8**
Methylene Chloride	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Naphthalene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**18**
O-Xylene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**82**
P,M-Xylene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**200**
Styrene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	1.0	ND
Tetrachloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	**0.012**	0.0050	**0.013**	0.0050	ND	0.40	ND
Toluene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**110**
Trichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Trichlorofluoromethane	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
Vinyl Chloride	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
cis-1,2-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
cis-1,3-Dichloropropene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
n-Butylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**5.8**
n-Propylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**18**
p-Isopropyltoluene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**0.81**

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8_d9.0		SB-8_d17.5		SB-8_d23.5		SB-8_d27.5		MW-18_d15.5		MW-18_d19.5	
			Sample Date	05/16/12		05/16/12		05/16/12		05/16/12		05/16/12		05/16/12	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
sec-Butylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	**2.8**
tert-Butylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
trans-1,2-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
trans-1,3-Dichloropropene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.40	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			104		105		102		104		106		102
2-Bromochlorobenzene (Surr)	EPA 8260B	%													96.7
4-Bromofluorobenzene (Surr)	EPA 8260B	%			98.0		99.0		98.8		98.5		100		98.3
Toluene - d8 (Surr)	EPA 8260B	%			99.8		100		99.9		99.8		100		100

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8-W
			Sample Date	05/17/12
Analyte	Method	Units	MRL	Results
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L	50	**330**
1,1,1,2-Tetrachloroethane	EPA 8260B	ug/L	0.50	ND
1,1,1-Trichloroethane	EPA 8260B	ug/L	0.50	ND
1,1,2,2-Tetrachloroethane	EPA 8260B	ug/L	0.50	ND
1,1,2-Trichloroethane	EPA 8260B	ug/L	0.50	ND
1,1-Dichloroethane	EPA 8260B	ug/L	0.50	ND
1,1-Dichloroethene	EPA 8260B	ug/L	0.50	ND
1,1-Dichloropropene	EPA 8260B	ug/L	0.50	ND
1,2,3-Trichlorobenzene	EPA 8260B	ug/L	0.50	ND
1,2,3-Trichloropropane	EPA 8260B	ug/L	0.50	ND
1,2,4-Trichlorobenzene	EPA 8260B	ug/L	0.50	ND
1,2,4-Trimethylbenzene	EPA 8260B	ug/L	0.50	ND
1,2-Dibromo-3-chloropropane	EPA 8260B	ug/L	0.50	ND
1,2-Dibromoethane	EPA 8260B	ug/L	0.50	ND
1,2-Dichlorobenzene	EPA 8260B	ug/L	0.50	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8-W
			Sample Date	05/17/12
Analyte	Method	Units	MRL	Results
1,2-Dichloroethane	EPA 8260B	ug/L	0.50	ND
1,2-Dichloropropane	EPA 8260B	ug/L	0.50	ND
1,3,5-Trimethylbenzene	EPA 8260B	ug/L	0.50	ND
1,3-Dichlorobenzene	EPA 8260B	ug/L	0.50	ND
1,3-Dichloropropane	EPA 8260B	ug/L	0.50	ND
1,4-Dichlorobenzene	EPA 8260B	ug/L	0.50	ND
2+4-Chlorotoluene	EPA 8260B	ug/L	1.0	ND
2,2-Dichloropropane	EPA 8260B	ug/L	0.50	ND
Benzene	EPA 8260B	ug/L	0.50	ND
Bromobenzene	EPA 8260B	ug/L	0.50	ND
Bromochloromethane	EPA 8260B	ug/L	0.50	ND
Bromodichloromethane	EPA 8260B	ug/L	0.50	ND
Bromoform	EPA 8260B	ug/L	0.50	ND
Bromomethane	EPA 8260B	ug/L	20	ND
Carbon Tetrachloride	EPA 8260B	ug/L	0.50	ND
Chlorobenzene	EPA 8260B	ug/L	0.50	ND
Chloroethane	EPA 8260B	ug/L	0.50	ND
Chloroform	EPA 8260B	ug/L	0.50	**1.7**
Chloromethane	EPA 8260B	ug/L	0.50	ND
Dibromochloromethane	EPA 8260B	ug/L	0.50	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8-W
			Sample Date	05/17/12
Analyte	Method	Units	MRL	Results
Dibromomethane	EPA 8260B	ug/L	0.50	ND
Dichlorodifluoromethane	EPA 8260B	ug/L	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND
Hexachlorobutadiene	EPA 8260B	ug/L	0.50	ND
Isopropyl benzene	EPA 8260B	ug/L	0.50	ND
Methylene Chloride	EPA 8260B	ug/L	5.0	ND
Naphthalene	EPA 8260B	ug/L	0.50	ND
O-Xylene	EPA 8260B	ug/L	0.50	ND
P,M-Xylene	EPA 8260B	ug/L	1.0	ND
Styrene	EPA 8260B	ug/L	0.50	ND
Tetrachloroethene	EPA 8260B	ug/L	0.50	**63**
Toluene	EPA 8260B	ug/L	0.50	ND
Trichloroethene	EPA 8260B	ug/L	0.50	**9.3**
Trichlorofluoromethane	EPA 8260B	ug/L	0.50	ND
Vinyl Chloride	EPA 8260B	ug/L	0.50	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L	0.50	**7.2**
cis-1,3-Dichloropropene	EPA 8260B	ug/L	0.50	ND
n-Butylbenzene	EPA 8260B	ug/L	0.50	ND
n-Propylbenzene	EPA 8260B	ug/L	0.50	ND
p-Isopropyltoluene	EPA 8260B	ug/L	0.50	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 81304
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 SERVICE STATION NO. 256390
Project Number : I40256390

			Sample Name	SB-8-W
			Sample Date	05/17/12
Analyte	Method	Units	MRL	Results
sec-Butylbenzene	EPA 8260B	ug/L	0.50	ND
tert-Butylbenzene	EPA 8260B	ug/L	0.50	ND
trans-1,2-Dichloroethene	EPA 8260B	ug/L	0.50	ND
trans-1,3-Dichloropropene	EPA 8260B	ug/L	0.50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%		99.7
4-Bromofluorobenzene (Surr)	EPA 8260B	%		99.3
Toluene - d8 (Surr)	EPA 8260B	%		99.0

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d9.0**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-01
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Tert-Butanol	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
TPH as Gasoline	< 1.0	1.0	mg/Kg	05/22/12 14:01
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Chloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Bromomethane	< 0.020	0.020	mg/Kg	05/22/12 14:01
Chloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Methylene Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Chloroform	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Bromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Benzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Trichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Dibromomethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Toluene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d9.0**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-01
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Chlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Ethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
P,M-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
O-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Styrene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Bromoform	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Bromobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
Naphthalene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:01
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	05/22/12 14:01
4-Bromofluorobenzene (Surr)	98.0		% Recovery	05/22/12 14:01
Toluene - d8 (Surr)	99.8		% Recovery	05/22/12 14:01

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d17.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-02
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Tert-Butanol	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
TPH as Gasoline	< 1.0	1.0	mg/Kg	05/22/12 14:35
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Chloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Bromomethane	< 0.020	0.020	mg/Kg	05/22/12 14:35
Chloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Methylene Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Chloroform	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Bromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Benzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Trichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Dibromomethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Toluene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d17.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-02
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Chlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Ethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
P,M-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
O-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Styrene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Bromoform	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Bromobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
Naphthalene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 14:35
1,2-Dichloroethane-d4 (Surr)	105		% Recovery	05/22/12 14:35
4-Bromofluorobenzene (Surr)	99.0		% Recovery	05/22/12 14:35
Toluene - d8 (Surr)	100		% Recovery	05/22/12 14:35

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d23.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-03
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Tert-Butanol	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
TPH as Gasoline	< 1.0	1.0	mg/Kg	05/22/12 15:10
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Chloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Bromomethane	< 0.020	0.020	mg/Kg	05/22/12 15:10
Chloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Methylene Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Chloroform	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Bromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Benzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Trichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Dibromomethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Toluene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d23.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-03
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Tetrachloroethene	**0.012**	0.0050	mg/Kg	05/22/12 15:10
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Chlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Ethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
P,M-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
O-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Styrene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Bromoform	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Bromobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
Naphthalene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:10
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	05/22/12 15:10
4-Bromofluorobenzene (Surr)	98.8		% Recovery	05/22/12 15:10
Toluene - d8 (Surr)	99.9		% Recovery	05/22/12 15:10

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d27.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-04
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Tert-Butanol	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
TPH as Gasoline	< 1.0	1.0	mg/Kg	05/22/12 15:44
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Chloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Bromomethane	< 0.020	0.020	mg/Kg	05/22/12 15:44
Chloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Methylene Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Chloroform	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Bromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Benzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Trichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Dibromomethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Toluene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8_d27.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-04
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Tetrachloroethene	**0.013**	0.0050	mg/Kg	05/22/12 15:44
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Chlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Ethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
P,M-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
O-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Styrene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Bromoform	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Bromobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
Naphthalene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 15:44
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	05/22/12 15:44
4-Bromofluorobenzene (Surr)	98.5		% Recovery	05/22/12 15:44
Toluene - d8 (Surr)	99.8		% Recovery	05/22/12 15:44

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **MW-18_d15.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-05
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Tert-Butanol	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
TPH as Gasoline	< 1.0	1.0	mg/Kg	05/22/12 16:24
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Chloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Bromomethane	< 0.020	0.020	mg/Kg	05/22/12 16:24
Chloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Methylene Chloride	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Chloroform	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Bromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Benzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Trichloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Dibromomethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Toluene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **MW-18_d15.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-05
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Chlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Ethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
P,M-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
O-Xylene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Styrene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Bromoform	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Bromobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
Naphthalene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	05/22/12 16:24
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	05/22/12 16:24
4-Bromofluorobenzene (Surr)	100		% Recovery	05/22/12 16:24
Toluene - d8 (Surr)	100		% Recovery	05/22/12 16:24

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **MW-18_d19.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-06
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.40	0.40	mg/Kg	05/23/12 21:13
Diisopropyl ether (DIPE)	< 0.40	0.40	mg/Kg	05/23/12 21:13
Ethyl-t-butyl ether (ETBE)	< 0.40	0.40	mg/Kg	05/23/12 21:13
Tert-amyl methyl ether (TAME)	< 0.40	0.40	mg/Kg	05/23/12 21:13
Tert-Butanol	< 2.0	2.0	mg/Kg	05/23/12 21:13
TPH as Gasoline	**2200**	40	mg/Kg	05/23/12 21:13
Dichlorodifluoromethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Chloromethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Vinyl Chloride	< 0.40	0.40	mg/Kg	05/23/12 21:13
Bromomethane	< 8.0	8.0	mg/Kg	05/23/12 21:13
Chloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Trichlorofluoromethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1-Dichloroethene	< 0.40	0.40	mg/Kg	05/23/12 21:13
Methylene Chloride	< 0.40	0.40	mg/Kg	05/23/12 21:13
trans-1,2-Dichloroethene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1-Dichloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
2,2-Dichloropropane	< 0.40	0.40	mg/Kg	05/23/12 21:13
cis-1,2-Dichloroethene	< 0.40	0.40	mg/Kg	05/23/12 21:13
Chloroform	< 0.40	0.40	mg/Kg	05/23/12 21:13
Bromochloromethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1,1-Trichloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1-Dichloropropene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2-Dichloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Carbon Tetrachloride	< 0.40	0.40	mg/Kg	05/23/12 21:13
Benzene	**2.1**	0.40	mg/Kg	05/23/12 21:13
Trichloroethene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2-Dichloropropane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Bromodichloromethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Dibromomethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
cis-1,3-Dichloropropene	< 0.40	0.40	mg/Kg	05/23/12 21:13
Toluene	**110**	0.40	mg/Kg	05/23/12 21:13
trans-1,3-Dichloropropene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1,2-Trichloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,3-Dichloropropane	< 0.40	0.40	mg/Kg	05/23/12 21:13

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **MW-18_d19.5**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-06
Matrix : Soil Sample Date :05/16/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Tetrachloroethene	< 0.40	0.40	mg/Kg	05/23/12 21:13
Dibromochloromethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2-Dibromoethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Chlorobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1,1,2-Tetrachloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
Ethylbenzene	**52**	0.40	mg/Kg	05/23/12 21:13
P,M-Xylene	**200**	0.40	mg/Kg	05/23/12 21:13
O-Xylene	**82**	0.40	mg/Kg	05/23/12 21:13
Styrene	< 1.0	1.0	mg/Kg	05/23/12 21:13
Isopropyl benzene	**3.8**	0.40	mg/Kg	05/23/12 21:13
Bromoform	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,1,2,2-Tetrachloroethane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2,3-Trichloropropane	< 0.40	0.40	mg/Kg	05/23/12 21:13
n-Propylbenzene	**18**	0.40	mg/Kg	05/23/12 21:13
Bromobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,3,5-Trimethylbenzene	**42**	0.40	mg/Kg	05/23/12 21:13
2+4-Chlorotoluene	< 0.80	0.80	mg/Kg	05/23/12 21:13
tert-Butylbenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2,4-Trimethylbenzene	**110**	0.40	mg/Kg	05/23/12 21:13
sec-Butylbenzene	**2.8**	0.40	mg/Kg	05/23/12 21:13
p-Isopropyltoluene	**0.81**	0.40	mg/Kg	05/23/12 21:13
1,3-Dichlorobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,4-Dichlorobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
n-Butylbenzene	**5.8**	0.40	mg/Kg	05/23/12 21:13
1,2-Dichlorobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2-Dibromo-3-chloropropane	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2,4-Trichlorobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
Hexachlorobutadiene	< 0.40	0.40	mg/Kg	05/23/12 21:13
Naphthalene	**18**	0.40	mg/Kg	05/23/12 21:13
1,2,3-Trichlorobenzene	< 0.40	0.40	mg/Kg	05/23/12 21:13
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	05/23/12 21:13
4-Bromofluorobenzene (Surr)	98.3		% Recovery	05/23/12 21:13
Toluene - d8 (Surr)	100		% Recovery	05/23/12 21:13
2-Bromochlorobenzene (Surr)	96.7		% Recovery	05/23/12 21:13

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8-W**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-07
Matrix : Water Sample Date :05/17/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	05/21/12 23:48
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	05/21/12 23:48
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	05/21/12 23:48
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	05/21/12 23:48
Tert-Butanol	< 5.0	5.0	ug/L	05/21/12 23:48
TPH as Gasoline	**330**	50	ug/L	05/21/12 23:48
(Note: Primarily compounds not found in typical Gasoline)				
Dichlorodifluoromethane	< 0.50	0.50	ug/L	05/21/12 23:48
Chloromethane	< 0.50	0.50	ug/L	05/21/12 23:48
Vinyl Chloride	< 0.50	0.50	ug/L	05/21/12 23:48
Bromomethane	< 20	20	ug/L	05/21/12 23:48
Chloroethane	< 0.50	0.50	ug/L	05/21/12 23:48
Trichlorofluoromethane	< 0.50	0.50	ug/L	05/21/12 23:48
1,1-Dichloroethene	< 0.50	0.50	ug/L	05/21/12 23:48
Methylene Chloride	< 5.0	5.0	ug/L	05/21/12 23:48
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	05/21/12 23:48
1,1-Dichloroethane	< 0.50	0.50	ug/L	05/21/12 23:48
2,2-Dichloropropane	< 0.50	0.50	ug/L	05/21/12 23:48
cis-1,2-Dichloroethene	**7.2**	0.50	ug/L	05/21/12 23:48
Chloroform	**1.7**	0.50	ug/L	05/21/12 23:48
Bromochloromethane	< 0.50	0.50	ug/L	05/21/12 23:48
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	05/21/12 23:48
1,1-Dichloropropene	< 0.50	0.50	ug/L	05/21/12 23:48
1,2-Dichloroethane	< 0.50	0.50	ug/L	05/21/12 23:48
Carbon Tetrachloride	< 0.50	0.50	ug/L	05/21/12 23:48
Benzene	< 0.50	0.50	ug/L	05/21/12 23:48
Trichloroethene	**9.3**	0.50	ug/L	05/21/12 23:48
1,2-Dichloropropane	< 0.50	0.50	ug/L	05/21/12 23:48
Bromodichloromethane	< 0.50	0.50	ug/L	05/21/12 23:48
Dibromomethane	< 0.50	0.50	ug/L	05/21/12 23:48
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	05/21/12 23:48
Toluene	< 0.50	0.50	ug/L	05/21/12 23:48
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	05/21/12 23:48
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	05/21/12 23:48

KIFF Analytical LLC

Report Number : 81304
Date : 06/29/2012

Sample : **SB-8-W**
Project Name : **76 SERVICE STATION NO. 256390**
Project Number : **I40256390** Lab Number : 81304-07
Matrix : Water Sample Date :05/17/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
1,3-Dichloropropane	< 0.50	0.50	ug/L	05/21/12 23:48
Tetrachloroethene	**63**	0.50	ug/L	05/21/12 23:48
Dibromochloromethane	< 0.50	0.50	ug/L	05/21/12 23:48
1,2-Dibromoethane	< 0.50	0.50	ug/L	05/21/12 23:48
Chlorobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	05/21/12 23:48
Ethylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
P,M-Xylene	< 1.0	1.0	ug/L	05/21/12 23:48
O-Xylene	< 0.50	0.50	ug/L	05/21/12 23:48
Styrene	< 0.50	0.50	ug/L	05/21/12 23:48
Isopropyl benzene	< 0.50	0.50	ug/L	05/21/12 23:48
Bromoform	< 0.50	0.50	ug/L	05/21/12 23:48
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	05/21/12 23:48
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	05/21/12 23:48
n-Propylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
Bromobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
2+4-Chlorotoluene	< 1.0	1.0	ug/L	05/21/12 23:48
tert-Butylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
sec-Butylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
p-Isopropyltoluene	< 0.50	0.50	ug/L	05/21/12 23:48
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
n-Butylbenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	05/21/12 23:48
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
Hexachlorobutadiene	< 0.50	0.50	ug/L	05/21/12 23:48
Naphthalene	< 0.50	0.50	ug/L	05/21/12 23:48
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	05/21/12 23:48
1,2-Dichloroethane-d4 (Surr)	99.7		% Recovery	05/21/12 23:48
4-Bromofluorobenzene (Surr)	99.3		% Recovery	05/21/12 23:48
Toluene - d8 (Surr)	99.0		% Recovery	05/21/12 23:48

Report Number : 81304

Date : 06/29/2012

QC Report : Method Blank Data

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	05/21/2012
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Chloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Bromomethane	< 0.020	0.020	mg/Kg	EPA 8260B	05/21/2012
Chloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Methylene Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Chloroform	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Bromochloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Dibromomethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Chlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
P,M-Xylene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
O-Xylene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Styrene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Bromoform	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Bromobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	05/21/2012
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	05/21/2012
4-Bromofluorobenzene (Surr)	99.4		%	EPA 8260B	05/21/2012
Toluene - d8 (Surr)	99.8		%	EPA 8260B	05/21/2012

Report Number : 81304

Date : 06/29/2012

QC Report : Method Blank Data

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/21/2012
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Bromomethane	< 20	20	ug/L	EPA 8260B	05/21/2012
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	05/21/2012
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	05/21/2012
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Styrene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	05/21/2012
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/2012
1,2-Dichloroethane-d4 (Surr)	98.7		%	EPA 8260B	05/21/2012
4-Bromofluorobenzene (Surr)	96.0		%	EPA 8260B	05/21/2012
Toluene - d8 (Surr)	98.3		%	EPA 8260B	05/21/2012

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1,1,2-Tetrachloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0366	0.0373	mg/Kg	EPA 8260B	5/21/12	95.6	95.6	0.00092	70.0-130	25
1,1,1-Trichloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0368	0.0371	mg/Kg	EPA 8260B	5/21/12	96.3	95.3	1.09	70.0-130	25
1,1,2,2-Tetrachloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0358	0.0404	mg/Kg	EPA 8260B	5/21/12	93.5	104	10.4	60.7-133	25
1,1,2-Trichloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0354	0.0378	mg/Kg	EPA 8260B	5/21/12	92.5	97.0	4.81	70.0-130	25
1,1-Dichloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0360	0.0364	mg/Kg	EPA 8260B	5/21/12	94.1	93.4	0.801	66.1-120	25
1,1-Dichloroethene														
	81308-02	<0.0050	0.0382	0.0390	0.0362	0.0365	mg/Kg	EPA 8260B	5/21/12	94.8	93.5	1.34	65.9-122	25
1,1-Dichloropropene														
	81308-02	<0.0050	0.0382	0.0390	0.0362	0.0364	mg/Kg	EPA 8260B	5/21/12	94.7	93.3	1.49	70.0-130	25
1,2,3-Trichlorobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0322	0.0333	mg/Kg	EPA 8260B	5/21/12	84.2	85.3	1.34	70.0-130	25
1,2,3-Trichloropropane														
	81308-02	<0.0050	0.0382	0.0390	0.0325	0.0383	mg/Kg	EPA 8260B	5/21/12	85.0	98.4	14.5	70.0-130	25
1,2,4-Trichlorobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0320	0.0328	mg/Kg	EPA 8260B	5/21/12	83.7	84.0	0.365	70.0-130	25

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2,4-Trimethylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0357	0.0354	mg/Kg	EPA 8260B	5/21/12	93.3	90.8	2.75	70.0-130	25
1,2-Dibromoethane														
	81308-02	<0.0050	0.0382	0.0389	0.0355	0.0390	mg/Kg	EPA 8260B	5/21/12	93.0	100	7.46	67.2-121	25
1,2-Dichlorobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0344	0.0351	mg/Kg	EPA 8260B	5/21/12	90.0	90.1	0.154	56.3-123	25
1,2-Dichloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0351	0.0371	mg/Kg	EPA 8260B	5/21/12	91.7	95.1	3.61	64.0-124	25
1,2-Dichloropropane														
	81308-02	<0.0050	0.0382	0.0390	0.0354	0.0365	mg/Kg	EPA 8260B	5/21/12	92.7	93.6	0.932	66.6-120	25
1,2-dibromo-3-chloropropane														
	81308-02	<0.0050	0.0382	0.0390	0.0306	0.0394	mg/Kg	EPA 8260B	5/21/12	80.2	101	23.1	59.4-138	25
1,3,5-Trimethylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0366	0.0364	mg/Kg	EPA 8260B	5/21/12	95.6	93.4	2.34	70.0-130	25
1,3-Dichlorobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0344	0.0348	mg/Kg	EPA 8260B	5/21/12	90.0	89.2	0.852	52.5-132	25
1,3-Dichloropropane														
	81308-02	<0.0050	0.0382	0.0390	0.0349	0.0374	mg/Kg	EPA 8260B	5/21/12	91.3	95.8	4.88	70.0-130	25
1,4-Dichlorobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0345	0.0352	mg/Kg	EPA 8260B	5/21/12	90.3	90.4	0.0993	57.0-123	25

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
2+4-Chlorotoluene														
	81308-02	<0.0050	0.0765	0.0780	0.0716	0.0719	mg/Kg	EPA 8260B	5/21/12	93.6	92.2	1.51	70.0-130	25
2,2-Dichloropropane														
	81308-02	<0.0050	0.0382	0.0390	0.0358	0.0351	mg/Kg	EPA 8260B	5/21/12	93.7	90.1	3.92	70.0-130	25
Benzene														
	81308-02	<0.0050	0.0382	0.0390	0.0371	0.0376	mg/Kg	EPA 8260B	5/21/12	96.9	96.3	0.612	67.9-120	25
Bromobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0345	0.0350	mg/Kg	EPA 8260B	5/21/12	90.3	89.7	0.666	70.0-130	25
Bromochloromethane														
	81308-02	<0.0050	0.0382	0.0390	0.0360	0.0373	mg/Kg	EPA 8260B	5/21/12	94.1	95.6	1.54	70.0-130	25
Bromodichloromethane														
	81308-02	<0.0050	0.0382	0.0390	0.0367	0.0375	mg/Kg	EPA 8260B	5/21/12	96.0	96.2	0.142	70.0-130	25
Bromoform														
	81308-02	<0.0050	0.0382	0.0390	0.0362	0.0399	mg/Kg	EPA 8260B	5/21/12	94.6	102	7.71	58.2-146	25
Bromomethane														
	81308-02	<0.020	0.191	0.195	0.180	0.182	mg/Kg	EPA 8260B	5/21/12	94.2	93.2	1.03	45.5-139	25
Carbon Tetrachloride														
	81308-02	<0.0050	0.0382	0.0390	0.0365	0.0368	mg/Kg	EPA 8260B	5/21/12	95.5	94.3	1.29	70.0-130	25
Chlorobenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0357	0.0360	mg/Kg	EPA 8260B	5/21/12	93.5	92.5	1.09	63.4-122	25

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Chloroethane														
	81308-02	<0.0050	0.0382	0.0390	0.0362	0.0362	mg/Kg	EPA 8260B	5/21/12	94.6	92.9	1.80	70.0-130	25
Chloroform														
	81308-02	<0.0050	0.0382	0.0390	0.0361	0.0368	mg/Kg	EPA 8260B	5/21/12	94.4	94.5	0.0500	67.4-121	25
Chloromethane														
	81308-02	<0.0050	0.0382	0.0390	0.0350	0.0352	mg/Kg	EPA 8260B	5/21/12	91.6	90.2	1.54	47.9-127	25
Dibromochloromethane														
	81308-02	<0.0050	0.0382	0.0390	0.0365	0.0386	mg/Kg	EPA 8260B	5/21/12	95.5	99.2	3.79	70.0-130	25
Dibromomethane														
	81308-02	<0.0050	0.0382	0.0390	0.0357	0.0380	mg/Kg	EPA 8260B	5/21/12	93.3	97.4	4.35	70.0-130	25
Dichlorodifluoromethane														
	81308-02	<0.0050	0.0382	0.0390	0.0318	0.0324	mg/Kg	EPA 8260B	5/21/12	83.3	83.2	0.0422	40.5-144	25
Ethylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0367	0.0366	mg/Kg	EPA 8260B	5/21/12	96.1	93.8	2.39	65.5-127	25
Hexachlorobutadiene														
	81308-02	<0.0050	0.0382	0.0390	0.0311	0.0307	mg/Kg	EPA 8260B	5/21/12	81.3	78.8	3.14	70.0-130	25
Isopropyl benzene														
	81308-02	<0.0050	0.0382	0.0390	0.0366	0.0360	mg/Kg	EPA 8260B	5/21/12	95.8	92.3	3.70	70.0-130	25
Methylene Chloride														
	81308-02	<0.0050	0.0382	0.0390	0.0355	0.0362	mg/Kg	EPA 8260B	5/21/12	92.8	92.9	0.117	70.0-130	25

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Naphthalene														
	81308-02	<0.0050	0.0382	0.0390	0.0311	0.0358	mg/Kg	EPA 8260B	5/21/12	81.3	91.7	12.1	70.0-130	25
O-Xylene														
	81308-02	<0.0050	0.0382	0.0390	0.0373	0.0376	mg/Kg	EPA 8260B	5/21/12	97.6	96.6	1.08	62.3-124	25
P + M Xylene														
	81308-02	<0.0050	0.0382	0.0390	0.0373	0.0369	mg/Kg	EPA 8260B	5/21/12	97.5	94.7	2.91	62.5-124	25
Styrene														
	81308-02	<0.0050	0.0382	0.0390	0.0376	0.0377	mg/Kg	EPA 8260B	5/21/12	98.4	96.8	1.69	70.0-130	25
Tetrachloroethene														
	81308-02	<0.0050	0.0382	0.0390	0.0359	0.0362	mg/Kg	EPA 8260B	5/21/12	93.9	93.0	1.01	64.7-122	25
Toluene														
	81308-02	<0.0050	0.0382	0.0390	0.0372	0.0376	mg/Kg	EPA 8260B	5/21/12	97.4	96.5	0.884	65.7-120	25
Trichloroethene														
	81308-02	<0.0050	0.0382	0.0390	0.0349	0.0352	mg/Kg	EPA 8260B	5/21/12	91.2	90.4	0.905	63.9-121	25
Trichlorofluoromethane														
	81308-02	<0.0050	0.0382	0.0390	0.0351	0.0356	mg/Kg	EPA 8260B	5/21/12	91.7	91.2	0.597	70.0-130	25
Vinyl Chloride														
	81308-02	<0.0050	0.0382	0.0390	0.0342	0.0346	mg/Kg	EPA 8260B	5/21/12	89.6	88.7	0.978	45.9-127	25
c-1,3-Dichloropropene														
	81308-02	<0.0050	0.0382	0.0390	0.0355	0.0364	mg/Kg	EPA 8260B	5/21/12	92.9	93.4	0.525	70.0-130	25

KIFF ANALYTICAL, LLC
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QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
cis-1,2-Dichloroethene														
	81308-02	<0.0050	0.0382	0.0390	0.0365	0.0368	mg/Kg	EPA 8260B	5/21/12	95.3	94.5	0.877	70.0-130	25
n-butylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0352	0.0348	mg/Kg	EPA 8260B	5/21/12	92.0	89.3	2.96	70.0-130	25
n-propylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0362	0.0356	mg/Kg	EPA 8260B	5/21/12	94.6	91.3	3.51	70.0-130	25
p-isopropyltoluene														
	81308-02	<0.0050	0.0382	0.0390	0.0352	0.0354	mg/Kg	EPA 8260B	5/21/12	92.2	90.7	1.63	70.0-130	25
sec-butylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0360	0.0355	mg/Kg	EPA 8260B	5/21/12	94.2	91.1	3.32	70.0-130	25
t-1,2-Dichloroethene														
	81308-02	<0.0050	0.0382	0.0390	0.0364	0.0367	mg/Kg	EPA 8260B	5/21/12	95.1	94.2	0.994	70.0-130	25
t-1,3-Dichloropropene														
	81308-02	<0.0050	0.0382	0.0390	0.0358	0.0373	mg/Kg	EPA 8260B	5/21/12	93.7	95.6	2.01	70.0-130	25
tert-butylbenzene														
	81308-02	<0.0050	0.0382	0.0390	0.0355	0.0351	mg/Kg	EPA 8260B	5/21/12	92.8	90.0	3.08	70.0-130	25
1,1,1,2-Tetrachloroethane														
	81321-02	<0.50	40.0	40.0	40.2	38.6	ug/L	EPA 8260B	5/21/12	100	96.6	4.07	70.0-130	25

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1,1-Trichloroethane														
	81321-02	<0.50	40.0	40.0	38.2	35.8	ug/L	EPA 8260B	5/21/12	95.5	89.5	6.47	70.0-130	25
1,1,2,2-Tetrachloroethane														
	81321-02	<0.50	40.0	40.0	41.6	40.6	ug/L	EPA 8260B	5/21/12	104	101	2.62	80-121	25
1,1,2-Trichloroethane														
	81321-02	<0.50	40.0	40.0	39.1	38.2	ug/L	EPA 8260B	5/21/12	97.8	95.5	2.42	70.0-130	25
1,1-Dichloroethane														
	81321-02	<0.50	40.0	40.0	40.0	37.8	ug/L	EPA 8260B	5/21/12	100	94.4	5.88	76.5-120	25
1,1-Dichloroethene														
	81321-02	<0.50	40.0	40.0	38.5	35.8	ug/L	EPA 8260B	5/21/12	96.2	89.4	7.34	69.6-124	25
1,1-Dichloropropene														
	81321-02	<0.50	40.0	40.0	39.4	36.9	ug/L	EPA 8260B	5/21/12	98.6	92.3	6.62	70.0-130	25
1,2,3-Trichlorobenzene														
	81321-02	<0.50	40.0	40.0	39.4	38.0	ug/L	EPA 8260B	5/21/12	98.5	95.0	3.64	70.0-130	25
1,2,3-Trichloropropane														
	81321-02	<0.50	40.0	40.0	40.2	39.4	ug/L	EPA 8260B	5/21/12	100	98.5	1.99	70.0-130	25
1,2,4-Trichlorobenzene														
	81321-02	<0.50	40.0	40.0	40.2	38.3	ug/L	EPA 8260B	5/21/12	100	95.8	4.84	70.0-130	25
1,2,4-Trimethylbenzene														
	81321-02	<0.50	40.0	40.0	39.2	37.5	ug/L	EPA 8260B	5/21/12	98.1	93.8	4.50	70.0-130	25

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	81321-02	<0.50	39.9	39.9	40.2	39.0	ug/L	EPA 8260B	5/21/12	101	97.6	3.05	80-120	25
1,2-Dichlorobenzene														
	81321-02	<0.50	40.0	40.0	40.0	38.4	ug/L	EPA 8260B	5/21/12	100	95.9	4.21	80-120	25
1,2-Dichloroethane														
	81321-02	<0.50	40.0	40.0	40.7	38.9	ug/L	EPA 8260B	5/21/12	102	97.3	4.52	75.7-122	25
1,2-Dichloropropane														
	81321-02	<0.50	40.0	40.0	40.8	39.0	ug/L	EPA 8260B	5/21/12	102	97.4	4.57	80-120	25
1,2-dibromo-3-chloropropane														
	81321-02	<0.50	40.0	40.0	39.3	38.8	ug/L	EPA 8260B	5/21/12	98.3	96.9	1.48	70.0-130	25
1,3,5-Trimethylbenzene														
	81321-02	<0.50	40.0	40.0	38.7	37.1	ug/L	EPA 8260B	5/21/12	96.8	92.8	4.22	70.0-130	25
1,3-Dichlorobenzene														
	81321-02	<0.50	40.0	40.0	39.3	37.6	ug/L	EPA 8260B	5/21/12	98.4	93.9	4.62	79.3-120	25
1,3-Dichloropropane														
	81321-02	<0.50	40.0	40.0	40.6	39.4	ug/L	EPA 8260B	5/21/12	102	98.6	3.05	70.0-130	25
1,4-Dichlorobenzene														
	81321-02	<0.50	40.0	40.0	40.1	38.3	ug/L	EPA 8260B	5/21/12	100	95.7	4.57	80-120	25
2+4-Chlorotoluene														
	81321-02	<1.0	80.0	80.0	78.4	75.0	ug/L	EPA 8260B	5/21/12	98.1	93.8	4.47	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
2,2-Dichloropropane														
	81321-02	<0.50	40.0	40.0	39.3	36.2	ug/L	EPA 8260B	5/21/12	98.2	90.5	8.24	65.6-145	25
Benzene														
	81321-02	<0.50	40.0	40.0	39.6	37.6	ug/L	EPA 8260B	5/21/12	99.0	94.1	5.07	80-120	25
Bromobenzene														
	81321-02	<0.50	40.0	40.0	38.5	37.0	ug/L	EPA 8260B	5/21/12	96.2	92.5	3.94	70.0-130	25
Bromochloromethane														
	81321-02	<0.50	40.0	40.0	38.2	36.9	ug/L	EPA 8260B	5/21/12	95.6	92.2	3.67	70.0-130	25
Bromodichloromethane														
	81321-02	<0.50	40.0	40.0	39.8	38.1	ug/L	EPA 8260B	5/21/12	99.4	95.2	4.38	70.0-130	25
Bromoform														
	81321-02	<0.50	40.0	40.0	40.9	40.2	ug/L	EPA 8260B	5/21/12	102	101	1.53	73.0-142	25
Bromomethane														
	81321-02	<20	200	200	166	168	ug/L	EPA 8260B	5/21/12	82.9	84.1	1.48	33.5-140	25
Carbon Tetrachloride														
	81321-02	<0.50	40.0	40.0	39.8	37.5	ug/L	EPA 8260B	5/21/12	99.5	93.9	5.85	70.0-130	25
Chlorobenzene														
	81321-02	<0.50	40.0	40.0	39.5	37.9	ug/L	EPA 8260B	5/21/12	98.7	94.7	4.10	80-120	25
Chloroethane														
	81321-02	<0.50	40.0	40.0	41.1	37.9	ug/L	EPA 8260B	5/21/12	103	94.9	8.04	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Chloroform														
	81321-02	<0.50	40.0	40.0	39.4	37.4	ug/L	EPA 8260B	5/21/12	98.4	93.6	5.09	80.0-120	25
Chloromethane														
	81321-02	<0.50	40.0	40.0	39.0	36.2	ug/L	EPA 8260B	5/21/12	97.4	90.6	7.33	45.9-142	25
Dibromochloromethane														
	81321-02	<0.50	40.0	40.0	40.0	39.0	ug/L	EPA 8260B	5/21/12	100	97.6	2.54	70.0-130	25
Dibromomethane														
	81321-02	<0.50	40.0	40.0	38.8	38.6	ug/L	EPA 8260B	5/21/12	97.1	96.4	0.711	70.0-130	25
Dichlorodifluoromethane														
	81321-02	<0.50	40.0	40.0	30.4	27.9	ug/L	EPA 8260B	5/21/12	75.9	69.8	8.45	47.4-151	25
Ethylbenzene														
	81321-02	<0.50	40.0	40.0	39.1	37.4	ug/L	EPA 8260B	5/21/12	97.7	93.6	4.27	80-120	25
Hexachlorobutadiene														
	81321-02	<0.50	40.0	40.0	37.0	35.1	ug/L	EPA 8260B	5/21/12	92.6	87.7	5.41	70.0-130	25
Isopropyl benzene														
	81321-02	<0.50	40.0	40.0	39.0	37.4	ug/L	EPA 8260B	5/21/12	97.5	93.6	4.08	70.0-130	25
Methylene Chloride														
	81321-02	<5.0	40.0	40.0	39.0	37.4	ug/L	EPA 8260B	5/21/12	97.6	93.6	4.16	70.0-130	25
Naphthalene														
	81321-02	<0.50	40.0	40.0	41.6	40.0	ug/L	EPA 8260B	5/21/12	104	100	3.74	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
O-Xylene														
	81321-02	<0.50	40.0	40.0	39.5	38.0	ug/L	EPA 8260B	5/21/12	98.7	95.1	3.72	79.7-120	25
P + M Xylene														
	81321-02	<1.0	40.0	40.0	38.9	37.5	ug/L	EPA 8260B	5/21/12	97.4	93.7	3.78	76.8-120	25
Styrene														
	81321-02	<0.50	40.0	40.0	39.6	37.9	ug/L	EPA 8260B	5/21/12	98.9	94.8	4.29	70.0-130	25
Tetrachloroethene														
	81321-02	<0.50	40.0	40.0	37.5	35.8	ug/L	EPA 8260B	5/21/12	93.7	89.5	4.59	77.0-120	25
Toluene														
	81321-02	<0.50	40.0	40.0	39.0	37.2	ug/L	EPA 8260B	5/21/12	97.5	92.9	4.85	80-120	25
Trichloroethene														
	81321-02	<0.50	40.0	40.0	37.9	36.1	ug/L	EPA 8260B	5/21/12	94.8	90.2	4.87	80-120	25
Trichlorofluoromethane														
	81321-02	<0.50	40.0	40.0	38.0	35.4	ug/L	EPA 8260B	5/21/12	95.0	88.4	7.20	70.0-130	25
Vinyl Chloride														
	81321-02	<0.50	40.0	40.0	36.7	33.6	ug/L	EPA 8260B	5/21/12	91.7	84.0	8.78	42.1-138	25
c-1,3-Dichloropropene														
	81321-02	<5.0	40.0	40.0	38.7	37.3	ug/L	EPA 8260B	5/21/12	96.6	93.2	3.63	70.0-130	25
cis-1,2-Dichloroethene														
	81321-02	<0.50	40.0	40.0	38.9	37.0	ug/L	EPA 8260B	5/21/12	97.4	92.4	5.23	70.0-130	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
n-butylbenzene														
	81321-02	<0.50	40.0	40.0	39.6	37.2	ug/L	EPA 8260B	5/21/12	99.0	93.1	6.14	70.0-130	25
n-propylbenzene														
	81321-02	<0.50	40.0	40.0	39.1	37.5	ug/L	EPA 8260B	5/21/12	97.8	93.7	4.25	70.0-130	25
p-isopropyltoluene														
	81321-02	<0.50	40.0	40.0	39.0	37.1	ug/L	EPA 8260B	5/21/12	97.6	92.7	5.13	70.0-130	25
sec-butylbenzene														
	81321-02	<0.50	40.0	40.0	38.9	36.8	ug/L	EPA 8260B	5/21/12	97.3	92.1	5.48	70.0-130	25
t-1,2-Dichloroethene														
	81321-02	<5.0	40.0	40.0	38.7	36.9	ug/L	EPA 8260B	5/21/12	96.6	92.3	4.61	70.0-130	25
t-1,3-Dichloropropene														
	81321-02	<5.0	40.0	40.0	40.6	39.2	ug/L	EPA 8260B	5/21/12	101	98.0	3.45	70.0-130	25
tert-butylbenzene														
	81321-02	<0.50	40.0	40.0	38.7	37.0	ug/L	EPA 8260B	5/21/12	96.8	92.5	4.55	70.0-130	25
Diisopropyl ether														
	81308-02	<0.0050	0.0378	0.0385	0.0368	0.0377	mg/Kg	EPA 8260B	5/21/12	97.4	97.8	0.330	65.2-122	25
Ethyl-tert-butyl ether														
	81308-02	<0.0050	0.0381	0.0388	0.0359	0.0366	mg/Kg	EPA 8260B	5/21/12	94.3	94.3	0.0515	64.6-122	25

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Report Number : 81304

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-butyl ether														
	81308-02	<0.0050	0.0382	0.0390	0.0338	0.0356	mg/Kg	EPA 8260B	5/21/12	88.3	91.4	3.47	57.0-122	25
Tert-Butanol														
	81308-02	<0.0050	0.193	0.196	0.181	0.181	mg/Kg	EPA 8260B	5/21/12	94.0	92.1	2.04	64.3-122	25
Tert-amyl-methyl ether														
	81308-02	<0.0050	0.0382	0.0389	0.0368	0.0381	mg/Kg	EPA 8260B	5/21/12	96.5	97.8	1.33	64.9-122	25
Diisopropyl ether														
	81321-02	<0.50	39.5	39.5	39.3	38.2	ug/L	EPA 8260B	5/21/12	99.3	96.6	2.82	80-120	25
Ethyl-tert-butyl ether														
	81321-02	<0.50	39.8	39.8	37.8	36.6	ug/L	EPA 8260B	5/21/12	94.9	91.9	3.20	76.5-120	25
Methyl-t-butyl ether														
	81321-02	<0.50	40.0	40.0	40.2	39.5	ug/L	EPA 8260B	5/21/12	101	98.8	1.84	69.7-121	25
Tert-Butanol														
	81321-02	<5.0	202	202	203	202	ug/L	EPA 8260B	5/21/12	101	100	0.493	80-120	25
Tert-amyl-methyl ether														
	81321-02	<0.50	39.9	39.9	38.3	37.6	ug/L	EPA 8260B	5/21/12	95.8	94.2	1.74	78.9-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1,1,2-Tetrachloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	96.9	70.0-130
1,1,1-Trichloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	96.5	70.0-130
1,1,2,2-Tetrachloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	104	60.7-133
1,1,2-Trichloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	97.9	70.0-130
1,1-Dichloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	94.6	66.1-120
1,1-Dichloroethene	0.0380	mg/Kg	EPA 8260B	5/21/12	94.8	65.9-122
1,1-Dichloropropene	0.0380	mg/Kg	EPA 8260B	5/21/12	95.0	70.0-130
1,2,3-Trichlorobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	86.8	70.0-130
1,2,3-Trichloropropane	0.0380	mg/Kg	EPA 8260B	5/21/12	97.0	70.0-130
1,2,4-Trichlorobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	86.1	70.0-130
1,2,4-Trimethylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	92.6	70.0-130
1,2-Dibromoethane	0.0379	mg/Kg	EPA 8260B	5/21/12	101	67.2-121
1,2-Dichlorobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	91.8	56.3-123
1,2-Dichloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	96.2	64.0-124
1,2-Dichloropropane	0.0380	mg/Kg	EPA 8260B	5/21/12	94.7	66.6-120
1,2-dibromo-3-chloropropane	0.0380	mg/Kg	EPA 8260B	5/21/12	95.6	59.4-138
1,3,5-Trimethylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	94.8	70.0-130
1,3-Dichlorobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	89.9	52.5-132
1,3-Dichloropropane	0.0380	mg/Kg	EPA 8260B	5/21/12	96.9	70.0-130
1,4-Dichlorobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	91.9	57.0-123
2+4-Chlorotoluene	0.0760	mg/Kg	EPA 8260B	5/21/12	93.5	70.0-130
2,2-Dichloropropane	0.0380	mg/Kg	EPA 8260B	5/21/12	96.7	70.0-130
Benzene	0.0380	mg/Kg	EPA 8260B	5/21/12	97.8	67.9-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Bromobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	91.1	70.0-130
Bromochloromethane	0.0380	mg/Kg	EPA 8260B	5/21/12	97.5	70.0-130
Bromodichloromethane	0.0380	mg/Kg	EPA 8260B	5/21/12	98.0	70.0-130
Bromoform	0.0380	mg/Kg	EPA 8260B	5/21/12	102	58.2-146
Bromomethane	0.190	mg/Kg	EPA 8260B	5/21/12	94.2	45.5-139
Carbon Tetrachloride	0.0380	mg/Kg	EPA 8260B	5/21/12	95.3	70.0-130
Chlorobenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	93.9	63.4-122
Chloroethane	0.0380	mg/Kg	EPA 8260B	5/21/12	96.0	70.0-130
Chloroform	0.0380	mg/Kg	EPA 8260B	5/21/12	95.8	67.4-121
Chloromethane	0.0380	mg/Kg	EPA 8260B	5/21/12	93.0	47.9-127
Dibromochloromethane	0.0380	mg/Kg	EPA 8260B	5/21/12	99.5	70.0-130
Dibromomethane	0.0380	mg/Kg	EPA 8260B	5/21/12	98.6	70.0-130
Dichlorodifluoromethane	0.0380	mg/Kg	EPA 8260B	5/21/12	84.2	40.5-144
Ethylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	95.6	65.5-127
Hexachlorobutadiene	0.0380	mg/Kg	EPA 8260B	5/21/12	84.2	70.0-130
Isopropyl benzene	0.0380	mg/Kg	EPA 8260B	5/21/12	94.7	70.0-130
Methylene Chloride	0.0380	mg/Kg	EPA 8260B	5/21/12	94.3	70.0-130
Naphthalene	0.0380	mg/Kg	EPA 8260B	5/21/12	88.8	70.0-130
O-Xylene	0.0380	mg/Kg	EPA 8260B	5/21/12	97.8	62.3-124
P + M Xylene	0.0380	mg/Kg	EPA 8260B	5/21/12	96.6	62.5-124
Styrene	0.0380	mg/Kg	EPA 8260B	5/21/12	97.9	70.0-130
Tetrachloroethene	0.0380	mg/Kg	EPA 8260B	5/21/12	93.1	64.7-122
Toluene	0.0380	mg/Kg	EPA 8260B	5/21/12	97.9	65.7-120

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Trichloroethene	0.0380	mg/Kg	EPA 8260B	5/21/12	91.0	63.9-121
Trichlorofluoromethane	0.0380	mg/Kg	EPA 8260B	5/21/12	91.9	70.0-130
Vinyl Chloride	0.0380	mg/Kg	EPA 8260B	5/21/12	90.0	45.9-127
c-1,3-Dichloropropene	0.0380	mg/Kg	EPA 8260B	5/21/12	96.0	70.0-130
cis-1,2-Dichloroethene	0.0380	mg/Kg	EPA 8260B	5/21/12	96.3	70.0-130
n-butylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	92.9	70.0-130
n-propylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	94.6	70.0-130
p-isopropyltoluene	0.0380	mg/Kg	EPA 8260B	5/21/12	91.5	70.0-130
sec-butylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	92.8	70.0-130
t-1,2-Dichloroethene	0.0380	mg/Kg	EPA 8260B	5/21/12	94.2	70.0-130
t-1,3-Dichloropropene	0.0380	mg/Kg	EPA 8260B	5/21/12	97.8	70.0-130
tert-butylbenzene	0.0380	mg/Kg	EPA 8260B	5/21/12	91.7	70.0-130
Diisopropyl ether	0.0376	mg/Kg	EPA 8260B	5/21/12	98.1	65.2-122
Ethyl-tert-butyl ether	0.0379	mg/Kg	EPA 8260B	5/21/12	95.6	64.6-122
Methyl-t-butyl ether	0.0380	mg/Kg	EPA 8260B	5/21/12	93.0	57.0-122
Tert-Butanol	0.192	mg/Kg	EPA 8260B	5/21/12	93.8	64.3-122
Tert-amyl-methyl ether	0.0380	mg/Kg	EPA 8260B	5/21/12	98.8	64.9-122
1,1,1,2-Tetrachloroethane	40.2	ug/L	EPA 8260B	5/21/12	96.8	70.0-130
1,1,1-Trichloroethane	40.2	ug/L	EPA 8260B	5/21/12	94.8	70.0-130
1,1,2,2-Tetrachloroethane	40.2	ug/L	EPA 8260B	5/21/12	100	80-121
1,1,2-Trichloroethane	40.2	ug/L	EPA 8260B	5/21/12	96.6	70.0-130
1,1-Dichloroethane	40.2	ug/L	EPA 8260B	5/21/12	99.3	76.5-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1-Dichloroethene	40.2	ug/L	EPA 8260B	5/21/12	94.2	69.6-124
1,1-Dichloropropene	40.2	ug/L	EPA 8260B	5/21/12	97.2	70.0-130
1,2,3-Trichlorobenzene	40.2	ug/L	EPA 8260B	5/21/12	95.0	70.0-130
1,2,3-Trichloropropane	40.2	ug/L	EPA 8260B	5/21/12	98.0	70.0-130
1,2,4-Trichlorobenzene	40.2	ug/L	EPA 8260B	5/21/12	96.2	70.0-130
1,2,4-Trimethylbenzene	40.2	ug/L	EPA 8260B	5/21/12	95.3	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	5/21/12	99.5	80-120
1,2-Dichlorobenzene	40.2	ug/L	EPA 8260B	5/21/12	95.9	80-120
1,2-Dichloroethane	40.2	ug/L	EPA 8260B	5/21/12	101	75.7-122
1,2-Dichloropropane	40.2	ug/L	EPA 8260B	5/21/12	101	80-120
1,2-dibromo-3-chloropropane	40.2	ug/L	EPA 8260B	5/21/12	94.1	70.0-130
1,3,5-Trimethylbenzene	40.2	ug/L	EPA 8260B	5/21/12	94.1	70.0-130
1,3-Dichlorobenzene	40.2	ug/L	EPA 8260B	5/21/12	95.2	79.3-120
1,3-Dichloropropane	40.2	ug/L	EPA 8260B	5/21/12	101	70.0-130
1,4-Dichlorobenzene	40.2	ug/L	EPA 8260B	5/21/12	95.5	80-120
2+4-Chlorotoluene	80.4	ug/L	EPA 8260B	5/21/12	94.7	70.0-130
2,2-Dichloropropane	40.2	ug/L	EPA 8260B	5/21/12	97.6	65.6-145
Benzene	40.2	ug/L	EPA 8260B	5/21/12	98.1	80-120
Bromobenzene	40.2	ug/L	EPA 8260B	5/21/12	93.3	70.0-130
Bromochloromethane	40.2	ug/L	EPA 8260B	5/21/12	93.7	70.0-130
Bromodichloromethane	40.2	ug/L	EPA 8260B	5/21/12	98.1	70.0-130
Bromoform	40.2	ug/L	EPA 8260B	5/21/12	99.5	73.0-142
Bromomethane	201	ug/L	EPA 8260B	5/21/12	78.3	33.5-140

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Carbon Tetrachloride	40.2	ug/L	EPA 8260B	5/21/12	99.0	70.0-130
Chlorobenzene	40.2	ug/L	EPA 8260B	5/21/12	96.1	80-120
Chloroethane	40.2	ug/L	EPA 8260B	5/21/12	101	70.0-130
Chloroform	40.2	ug/L	EPA 8260B	5/21/12	97.5	80.0-120
Chloromethane	40.2	ug/L	EPA 8260B	5/21/12	95.5	45.9-142
Dibromochloromethane	40.2	ug/L	EPA 8260B	5/21/12	98.8	70.0-130
Dibromomethane	40.2	ug/L	EPA 8260B	5/21/12	96.4	70.0-130
Dichlorodifluoromethane	40.2	ug/L	EPA 8260B	5/21/12	72.2	47.4-151
Ethylbenzene	40.2	ug/L	EPA 8260B	5/21/12	95.1	80-120
Hexachlorobutadiene	40.2	ug/L	EPA 8260B	5/21/12	87.3	70.0-130
Isopropyl benzene	40.2	ug/L	EPA 8260B	5/21/12	94.9	70.0-130
Methylene Chloride	40.2	ug/L	EPA 8260B	5/21/12	95.9	70.0-130
Naphthalene	40.2	ug/L	EPA 8260B	5/21/12	99.1	70.0-130
O-Xylene	40.2	ug/L	EPA 8260B	5/21/12	96.4	79.7-120
P + M Xylene	40.2	ug/L	EPA 8260B	5/21/12	95.4	76.8-120
Styrene	40.2	ug/L	EPA 8260B	5/21/12	96.2	70.0-130
TPH as Gasoline	505	ug/L	EPA 8260B	5/21/12	95.3	70.0-130
Tetrachloroethene	40.2	ug/L	EPA 8260B	5/21/12	93.3	77.0-120
Toluene	40.2	ug/L	EPA 8260B	5/21/12	97.2	80-120
Trichloroethene	40.2	ug/L	EPA 8260B	5/21/12	94.0	80-120
Trichlorofluoromethane	40.2	ug/L	EPA 8260B	5/21/12	93.2	70.0-130
Vinyl Chloride	40.2	ug/L	EPA 8260B	5/21/12	90.2	42.1-138
c-1,3-Dichloropropene	40.2	ug/L	EPA 8260B	5/21/12	95.7	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 SERVICE STATION NO. 256390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
cis-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	5/21/12	96.4	70.0-130
n-butylbenzene	40.2	ug/L	EPA 8260B	5/21/12	95.0	70.0-130
n-propylbenzene	40.2	ug/L	EPA 8260B	5/21/12	95.0	70.0-130
p-isopropyltoluene	40.2	ug/L	EPA 8260B	5/21/12	94.5	70.0-130
sec-butylbenzene	40.2	ug/L	EPA 8260B	5/21/12	94.6	70.0-130
t-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	5/21/12	95.5	70.0-130
t-1,3-Dichloropropene	40.2	ug/L	EPA 8260B	5/21/12	101	70.0-130
tert-butylbenzene	40.2	ug/L	EPA 8260B	5/21/12	94.5	70.0-130
Diisopropyl ether	39.7	ug/L	EPA 8260B	5/21/12	97.2	80-120
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	5/21/12	91.0	76.5-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	5/21/12	98.3	69.7-121
Tert-Butanol	202	ug/L	EPA 8260B	5/21/12	100	80-120
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	5/21/12	93.8	78.9-120

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 81304

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): DAN DEITNER	California EDF Report? ☒ Yes ☐ No
Company / Address: 312 PIERCY ROAD, SAN JOSE, CA 95138	Sampling Company Log Code: —
Phone #: 408-826-1880 Fax #: 408-225-8506	Global ID: T0608100197
Project #: 140256390 P.O. #: 140256390	EDF Deliverable To (Email Address): dan.deitner@cantegroup.com
Project Name: 76 SERVICE STATION NO. 256390	Sampler Signature:
Project Address: 402 S DELAWARE ST SAN MATEO, CA 94402	

Sample Designation	Field Point Name	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Analysis Request: GRO (8260B)	Analysis Request: FULL VOC's (8260B)	Analysis Request: PLEASE HOLD	TAT: 1 wk	For Lab Use Only
SB-8_d9.0	SB-8	5/16/12	1016		X						X		X	X	X			01
SB-8_d17.5	SB-8	"	1030		X						X		X	X	X			02
SB-8_d23.5	SB-8	"	1115		X						X		X	X	X			03
SB-8_d27.5	SB-8	"	1128		X						X		X	X	X			04
MW-18_d15.5	MW-18	"	1305		X						X		X	X	X			05
MW-18_d19.5	MW-18	"	1317		X						X		X	X	X			06
SB-8-W	SB-8	5/17/12	0825	X					X			X		X	X			07
SB-8_d19.0	SB-8	5/16/12	1035		X						X		X	~~X~~ DS	~~X~~ DS	X		08
SB-8_d29.5	SB-8	"	1635		X						X		X	~~X~~ DS		X		09
MW-18_d20.5	MW-18	"	1330		X						X		X			X		10

Relinquished by:	Date	Time	Received by:
DAVID SISAK	5/18/12	1100	—
—			
—	053812	1100	Received by Laboratory:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	herm. ID	Coolant Present
					Yes / No

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER Initials: EJ

SRG#: 87304 Date:

Project ID: 76 SERVICE STATION No. 256390

Method of Receipt: ☒ Courier ☐ Over-the-counter ☐ Shipper

COC Inspection

Is COC present?	☒ Yes	☐ No		
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☒ N/A
Is COC Signed by Relinquisher? ☒ Yes ☐ No	Dated? ☒ Yes	☐ No		
Is sampler name legibly indicated on COC?	☐ Yes	☒ No		
Is analysis or hold requested for all samples?	☒ Yes	☐ No		
Is the turnaround time indicated on COC?	☒ Yes	☐ No		
Is COC free of whiteout and uninitialed cross-outs?	☒ Yes	☐ No, Whiteout	☐ No, Cross-outs	

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 1-6 Therm. ID# IR-4 Initial EJ Date/Time 1520 051812 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC? ☒ Yes ☐ No	☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present		
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated? ☐ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A	
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☒ No

Receipt Details

Matrix WA	Container type voa	# of containers received 04
Matrix So	Container type sleeve	# of containers received 09
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 051812 Time: 1533

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	

COMMENTS: Client informed carrier that the bottom depth of the soil samples is not written on the coc. The dates and times match the COC for soil samples. EJ 051812 1533

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Laboratory Results

Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Subject : 2 Soil Samples and 2 Water Samples
Project Name : 76 Station #6390
Project Number : I40256390
P.O. Number : I40256390

Dear Mr. Keltner,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Subject : 2 Soil Samples and 2 Water Samples
Project Name : 76 Station #6390
Project Number : I40256390
P.O. Number : I40256390

Case Narrative

All soil samples were reported on a total weight (wet weight) basis.

The Method Reporting Limit for Styrene has been increased due to the presence of an interfering compound for sample SB-9_W.

Matrix Spike/Matrix Spike Duplicate results associated with sample SB-9_W for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

A version of this report was previously issued on 04/19/12. This revised version replaces that report.

Matrix Spike/Matrix Spike Duplicate results associated with samples MW-10R_d18.5 and MW-19_d18.0 for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Matrix Spike/Matrix Spike Duplicate results associated with sample SB-9_W for the analyte Ethanol were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	MW-10R_d18.5		MW-19_d18.0	
			Sample Date	04/12/12		04/11/12	
Analyte	Method	Units		MRL	Results	MRL	Results
Diisopropyl ether (DIPE)	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Tert-Butanol	EPA 8260B	mg/Kg		0.0050	ND	0.15	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
TPH as Gasoline	EPA 8260B	mg/Kg		1.0	ND	2.5	**180**
Ethanol	EPA 8260B	mg/Kg		0.010	ND	0.25	ND
1,1,1,2-Tetrachloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,1,1-Trichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,1,2,2-Tetrachloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,1,2-Trichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,1-Dichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,1-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,1-Dichloropropene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2,3-Trichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2,3-Trichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2,4-Trichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2,4-Trimethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.89**
1,2-Dibromo-3-chloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2-Dibromoethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	MW-10R_d18.5		MW-19_d18.0	
			Sample Date	04/12/12		04/11/12	
Analyte	Method	Units		MRL	Results	MRL	Results
1,2-Dichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2-Dichloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2-Dichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,3,5-Trimethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.23**
1,3-Dichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,3-Dichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,4-Dichlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
2+4-Chlorotoluene	EPA 8260B	mg/Kg		0.0050	ND	0.050	ND
2,2-Dichloropropane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Benzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Bromobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Bromochloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Bromodichloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Bromoform	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Bromomethane	EPA 8260B	mg/Kg		0.020	ND	0.50	ND
Carbon Tetrachloride	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Chlorobenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Chloroethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Chloroform	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Chloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	MW-10R_d18.5		MW-19_d18.0	
			Sample Date	04/12/12		04/11/12	
Analyte	Method	Units		MRL	Results	MRL	Results
Dibromochloromethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Dibromomethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Dichlorodifluoromethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Ethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**1.4**
Hexachlorobutadiene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Isopropyl benzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.39**
Methylene Chloride	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Naphthalene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.70**
O-Xylene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.064**
P,M-Xylene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.38**
Styrene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Tetrachloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Toluene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Trichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Trichlorofluoromethane	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
Vinyl Chloride	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
cis-1,2-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
cis-1,3-Dichloropropene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
n-Butylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**1.8**
n-Propylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**2.3**

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	MW-10R_d18.5		MW-19_d18.0	
			Sample Date	04/12/12		04/11/12	
Analyte	Method	Units		MRL	Results	MRL	Results
p-Isopropyltoluene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.20**
sec-Butylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	**0.81**
tert-Butylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
trans-1,2-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
trans-1,3-Dichloropropene	EPA 8260B	mg/Kg		0.0050	ND	0.025	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			106		97.7
2-Bromochlorobenzene (Surr)	EPA 8260B	%					87.1
4-Bromofluorobenzene (Surr)	EPA 8260B	%			96.1		98.6
Toluene - d8 (Surr)	EPA 8260B	%			97.5		97.3

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	TW-1	SB-9_W	
			Sample Date	04/11/12	04/12/12	
Analyte	Method	Units	MRL	Results	MRL	Results
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	40	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	40	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	ND	40	**100**
Tert-Butanol	EPA 8260B	ug/L	5.0	ND	200	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	40	ND
TPH as Gasoline	EPA 8260B	ug/L	50	**53**	4000	**90000**
Ethanol	EPA 8260B	ug/L			400	ND
1,1,1,2-Tetrachloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
1,1,1-Trichloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
1,1,2,2-Tetrachloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
1,1,2-Trichloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
1,1-Dichloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
1,1-Dichloroethene	EPA 8260B	ug/L	0.50	ND	40	ND
1,1-Dichloropropene	EPA 8260B	ug/L	0.50	ND	40	ND
1,2,3-Trichlorobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
1,2,3-Trichloropropane	EPA 8260B	ug/L	0.50	ND	40	ND
1,2,4-Trichlorobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
1,2,4-Trimethylbenzene	EPA 8260B	ug/L	0.50	ND	40	**3800**
1,2-Dibromo-3-chloropropane	EPA 8260B	ug/L	0.50	ND	40	ND
1,2-Dibromoethane	EPA 8260B	ug/L	0.50	ND	40	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	TW-1		SB-9_W	
			Sample Date	04/11/12		04/12/12	
Analyte	Method	Units	MRL	Results	MRL	Results
1,2-Dichlorobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
1,2-Dichloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
1,2-Dichloropropane	EPA 8260B	ug/L	0.50	ND	40	ND
1,3,5-Trimethylbenzene	EPA 8260B	ug/L	0.50	ND	40	**1200**
1,3-Dichlorobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
1,3-Dichloropropane	EPA 8260B	ug/L	0.50	ND	40	ND
1,4-Dichlorobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
2+4-Chlorotoluene	EPA 8260B	ug/L	1.0	ND	70	ND
2,2-Dichloropropane	EPA 8260B	ug/L	0.50	ND	40	ND
Benzene	EPA 8260B	ug/L	0.50	ND	40	**1100**
Bromobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
Bromochloromethane	EPA 8260B	ug/L	0.50	ND	40	ND
Bromodichloromethane	EPA 8260B	ug/L	0.50	ND	40	ND
Bromoform	EPA 8260B	ug/L	0.50	ND	40	ND
Bromomethane	EPA 8260B	ug/L	20	ND	700	ND
Carbon Tetrachloride	EPA 8260B	ug/L	0.50	ND	40	ND
Chlorobenzene	EPA 8260B	ug/L	0.50	ND	40	ND
Chloroethane	EPA 8260B	ug/L	0.50	ND	40	ND
Chloroform	EPA 8260B	ug/L	0.50	**0.57**	40	ND
Chloromethane	EPA 8260B	ug/L	0.50	ND	40	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	TW-1		SB-9_W	
			Sample Date	04/11/12		04/12/12	
Analyte	Method	Units	MRL	Results	MRL	Results
Dibromochloromethane	EPA 8260B	ug/L	0.50	ND	40	ND
Dibromomethane	EPA 8260B	ug/L	0.50	ND	40	ND
Dichlorodifluoromethane	EPA 8260B	ug/L	0.50	ND	40	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	40	**4400**
Hexachlorobutadiene	EPA 8260B	ug/L	0.50	ND	40	ND
Isopropyl benzene	EPA 8260B	ug/L	0.50	ND	40	**150**
Methylene Chloride	EPA 8260B	ug/L	5.0	ND	40	ND
Naphthalene	EPA 8260B	ug/L	0.50	ND	40	**1200**
O-Xylene	EPA 8260B	ug/L	0.50	ND	40	**7000**
P,M-Xylene	EPA 8260B	ug/L	1.0	ND	40	**14000**
Styrene	EPA 8260B	ug/L	0.50	ND	80	ND
Tetrachloroethene	EPA 8260B	ug/L	0.50	**22**	40	ND
Toluene	EPA 8260B	ug/L	0.50	ND	40	**6500**
Trichloroethene	EPA 8260B	ug/L	0.50	**1.3**	40	ND
Trichlorofluoromethane	EPA 8260B	ug/L	0.50	ND	40	ND
Vinyl Chloride	EPA 8260B	ug/L	0.50	ND	40	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L	0.50	ND	40	ND
cis-1,3-Dichloropropene	EPA 8260B	ug/L	0.50	ND	40	ND
n-Butylbenzene	EPA 8260B	ug/L	0.50	ND	40	**66**
n-Propylbenzene	EPA 8260B	ug/L	0.50	ND	40	**520**

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 80993
Date : 06/29/12

Attention : Dan Keltner
Antea Group
312 Piercy Rd.
San Jose, CA 95138

Project Name :76 Station #6390
Project Number : I40256390

			Sample Name	TW-1		SB-9_W	
			Sample Date	04/11/12		04/12/12	
Analyte	Method	Units	MRL	Results	MRL	Results
p-Isopropyltoluene	EPA 8260B	ug/L	0.50	ND	40	ND
sec-Butylbenzene	EPA 8260B	ug/L	0.50	ND	40	ND
tert-Butylbenzene	EPA 8260B	ug/L	0.50	ND	40	ND
trans-1,2-Dichloroethene	EPA 8260B	ug/L	0.50	ND	40	ND
trans-1,3-Dichloropropene	EPA 8260B	ug/L	0.50	ND	40	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%		101		98.1
4-Bromofluorobenzene (Surr)	EPA 8260B	%		99.9		96.5
Toluene - d8 (Surr)	EPA 8260B	%		100		97.1

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Sample : **TW-1**
Project Name : **76 Station #6390**
Project Number : **I40256390** Lab Number : 80993-01
Matrix : Water Sample Date :04/11/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	04/17/12 12:47
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	04/17/12 12:47
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	04/17/12 12:47
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	04/17/12 12:47
Tert-Butanol	< 5.0	5.0	ug/L	04/17/12 12:47
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**53**	50	ug/L	04/17/12 12:47
Dichlorodifluoromethane	< 0.50	0.50	ug/L	04/17/12 12:47
Chloromethane	< 0.50	0.50	ug/L	04/17/12 12:47
Vinyl Chloride	< 0.50	0.50	ug/L	04/17/12 12:47
Bromomethane	< 20	20	ug/L	04/17/12 12:47
Chloroethane	< 0.50	0.50	ug/L	04/17/12 12:47
Trichlorofluoromethane	< 0.50	0.50	ug/L	04/17/12 12:47
1,1-Dichloroethene	< 0.50	0.50	ug/L	04/17/12 12:47
Methylene Chloride	< 5.0	5.0	ug/L	04/17/12 12:47
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	04/17/12 12:47
1,1-Dichloroethane	< 0.50	0.50	ug/L	04/17/12 12:47
2,2-Dichloropropane	< 0.50	0.50	ug/L	04/17/12 12:47
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	04/17/12 12:47
Chloroform	**0.57**	0.50	ug/L	04/17/12 12:47
Bromochloromethane	< 0.50	0.50	ug/L	04/17/12 12:47
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	04/17/12 12:47
1,1-Dichloropropene	< 0.50	0.50	ug/L	04/17/12 12:47
1,2-Dichloroethane	< 0.50	0.50	ug/L	04/17/12 12:47
Carbon Tetrachloride	< 0.50	0.50	ug/L	04/17/12 12:47
Benzene	< 0.50	0.50	ug/L	04/17/12 12:47
Trichloroethene	**1.3**	0.50	ug/L	04/17/12 12:47
1,2-Dichloropropane	< 0.50	0.50	ug/L	04/17/12 12:47
Bromodichloromethane	< 0.50	0.50	ug/L	04/17/12 12:47
Dibromomethane	< 0.50	0.50	ug/L	04/17/12 12:47
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	04/17/12 12:47
Toluene	< 0.50	0.50	ug/L	04/17/12 12:47
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	04/17/12 12:47
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	04/17/12 12:47

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Sample : **TW-1**
Project Name : **76 Station #6390**
Project Number : **I40256390** Lab Number : 80993-01
Matrix : Water Sample Date :04/11/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
1,3-Dichloropropane	< 0.50	0.50	ug/L	04/17/12 12:47
Tetrachloroethene	**22**	0.50	ug/L	04/17/12 12:47
Dibromochloromethane	< 0.50	0.50	ug/L	04/17/12 12:47
1,2-Dibromoethane	< 0.50	0.50	ug/L	04/17/12 12:47
Chlorobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	04/17/12 12:47
Ethylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
P,M-Xylene	< 1.0	1.0	ug/L	04/17/12 12:47
O-Xylene	< 0.50	0.50	ug/L	04/17/12 12:47
Styrene	< 0.50	0.50	ug/L	04/17/12 12:47
Isopropyl benzene	< 0.50	0.50	ug/L	04/17/12 12:47
Bromoform	< 0.50	0.50	ug/L	04/17/12 12:47
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	04/17/12 12:47
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	04/17/12 12:47
n-Propylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
Bromobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
2+4-Chlorotoluene	< 1.0	1.0	ug/L	04/17/12 12:47
tert-Butylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
sec-Butylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
p-Isopropyltoluene	< 0.50	0.50	ug/L	04/17/12 12:47
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
n-Butylbenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	04/17/12 12:47
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
Hexachlorobutadiene	< 0.50	0.50	ug/L	04/17/12 12:47
Naphthalene	< 0.50	0.50	ug/L	04/17/12 12:47
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	04/17/12 12:47
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	04/17/12 12:47
4-Bromofluorobenzene (Surr)	99.9		% Recovery	04/17/12 12:47
Toluene - d8 (Surr)	100		% Recovery	04/17/12 12:47

KIFF Analytical LLC

Report Number : 80993

Date : 06/29/2012

Sample : **MW-10R_d18.5**

Project Name : **76 Station #6390**

Project Number : **I40256390** Lab Number : 80993-02

Matrix : Soil Sample Date :04/12/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Tert-Butanol	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
TPH as Gasoline	< 1.0	1.0	mg/Kg	04/14/12 02:09
Ethanol	< 0.010	0.010	mg/Kg	04/14/12 02:09
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Chloromethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Bromomethane	< 0.020	0.020	mg/Kg	04/14/12 02:09
Chloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Methylene Chloride	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Chloroform	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Bromochloromethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Benzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Trichloroethene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Dibromomethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Toluene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Sample : **MW-10R_d18.5**
Project Name : **76 Station #6390**
Project Number : **I40256390** Lab Number : 80993-02
Matrix : Soil Sample Date :04/12/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Chlorobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Ethylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
P,M-Xylene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
O-Xylene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Styrene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Bromoform	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Bromobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
Naphthalene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	04/14/12 02:09
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	04/14/12 02:09
4-Bromofluorobenzene (Surr)	96.1		% Recovery	04/14/12 02:09

KIFF Analytical LLC

Report Number : 80993

Date : 06/29/2012

Sample : **MW-10R_d18.5**

Project Name : **76 Station #6390**

Project Number : **I40256390** Lab Number : 80993-02

Matrix : Soil Sample Date :04/12/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Toluene - d8 (Surr)	97.5		% Recovery	04/14/12 02:09

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Sample : **MW-19_d18.0**
Project Name : **76 Station #6390**
Project Number : **I40256390** Lab Number : 80993-03
Matrix : Soil Sample Date :04/11/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	< 0.025	0.025	mg/Kg	04/16/12 22:20
Diisopropyl ether (DIPE)	< 0.025	0.025	mg/Kg	04/16/12 22:20
Ethyl-t-butyl ether (ETBE)	< 0.025	0.025	mg/Kg	04/16/12 22:20
Tert-amyl methyl ether (TAME)	< 0.025	0.025	mg/Kg	04/16/12 22:20
Tert-Butanol	< 0.15	0.15	mg/Kg	04/16/12 22:20
TPH as Gasoline	**180**	2.5	mg/Kg	04/16/12 22:20
Ethanol	< 0.25	0.25	mg/Kg	04/16/12 22:20
Dichlorodifluoromethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Chloromethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Vinyl Chloride	< 0.025	0.025	mg/Kg	04/16/12 22:20
Bromomethane	< 0.50	0.50	mg/Kg	04/16/12 22:20
Chloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Trichlorofluoromethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,1-Dichloroethene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Methylene Chloride	< 0.025	0.025	mg/Kg	04/16/12 22:20
trans-1,2-Dichloroethene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,1-Dichloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
2,2-Dichloropropane	< 0.025	0.025	mg/Kg	04/16/12 22:20
cis-1,2-Dichloroethene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Chloroform	< 0.025	0.025	mg/Kg	04/16/12 22:20
Bromochloromethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,1,1-Trichloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,1-Dichloropropene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2-Dichloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Carbon Tetrachloride	< 0.025	0.025	mg/Kg	04/16/12 22:20
Benzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Trichloroethene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2-Dichloropropane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Bromodichloromethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Dibromomethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
cis-1,3-Dichloropropene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Toluene	< 0.025	0.025	mg/Kg	04/16/12 22:20
trans-1,3-Dichloropropene	< 0.025	0.025	mg/Kg	04/16/12 22:20

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Sample : **MW-19_d18.0**
Project Name : **76 Station #6390**
Project Number : **I40256390** Lab Number : 80993-03
Matrix : Soil Sample Date :04/11/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
1,1,2-Trichloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,3-Dichloropropane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Tetrachloroethene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Dibromochloromethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2-Dibromoethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Chlorobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,1,1,2-Tetrachloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
Ethylbenzene	**1.4**	0.025	mg/Kg	04/16/12 22:20
P,M-Xylene	**0.38**	0.025	mg/Kg	04/16/12 22:20
O-Xylene	**0.064**	0.025	mg/Kg	04/16/12 22:20
Styrene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Isopropyl benzene	**0.39**	0.025	mg/Kg	04/16/12 22:20
Bromoform	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,1,2,2-Tetrachloroethane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2,3-Trichloropropane	< 0.025	0.025	mg/Kg	04/16/12 22:20
n-Propylbenzene	**2.3**	0.025	mg/Kg	04/16/12 22:20
Bromobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,3,5-Trimethylbenzene	**0.23**	0.025	mg/Kg	04/16/12 22:20
2+4-Chlorotoluene	< 0.050	0.050	mg/Kg	04/16/12 22:20
tert-Butylbenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2,4-Trimethylbenzene	**0.89**	0.025	mg/Kg	04/16/12 22:20
sec-Butylbenzene	**0.81**	0.025	mg/Kg	04/16/12 22:20
p-Isopropyltoluene	**0.20**	0.025	mg/Kg	04/16/12 22:20
1,3-Dichlorobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,4-Dichlorobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
n-Butylbenzene	**1.8**	0.025	mg/Kg	04/16/12 22:20
1,2-Dichlorobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2-Dibromo-3-chloropropane	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2,4-Trichlorobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Hexachlorobutadiene	< 0.025	0.025	mg/Kg	04/16/12 22:20
Naphthalene	**0.70**	0.025	mg/Kg	04/16/12 22:20
1,2,3-Trichlorobenzene	< 0.025	0.025	mg/Kg	04/16/12 22:20
1,2-Dichloroethane-d4 (Surr)	97.7		% Recovery	04/16/12 22:20
4-Bromofluorobenzene (Surr)	98.6		% Recovery	04/16/12 22:20

KIFF Analytical LLC

Report Number : 80993

Date : 06/29/2012

Sample : **MW-19_d18.0**

Project Name : **76 Station #6390**

Project Number : **I40256390** Lab Number : 80993-03

Matrix : Soil Sample Date :04/11/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Toluene - d8 (Surr)	97.3		% Recovery	04/16/12 22:20
2-Bromochlorobenzene (Surr)	87.1		% Recovery	04/16/12 22:20

KIFF Analytical LLC

Report Number : 80993

Date : 06/29/2012

Sample : **SB-9_W**

Project Name : **76 Station #6390**

Project Number : **I40256390** Lab Number : 80993-04

Matrix : Water Sample Date :04/12/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Methyl-t-butyl ether (MTBE)	**100**	40	ug/L	04/16/12 17:26
Diisopropyl ether (DIPE)	< 40	40	ug/L	04/16/12 17:26
Ethyl-t-butyl ether (ETBE)	< 40	40	ug/L	04/16/12 17:26
Tert-amyl methyl ether (TAME)	< 40	40	ug/L	04/16/12 17:26
Tert-Butanol	< 200	200	ug/L	04/16/12 17:26
TPH as Gasoline	**90000**	4000	ug/L	04/16/12 17:26
Ethanol	< 400	400	ug/L	04/16/12 17:26
Dichlorodifluoromethane	< 40	40	ug/L	04/16/12 17:26
Chloromethane	< 40	40	ug/L	04/16/12 17:26
Vinyl Chloride	< 40	40	ug/L	04/16/12 17:26
Bromomethane	< 700	700	ug/L	04/16/12 17:26
Chloroethane	< 40	40	ug/L	04/16/12 17:26
Trichlorofluoromethane	< 40	40	ug/L	04/16/12 17:26
1,1-Dichloroethene	< 40	40	ug/L	04/16/12 17:26
Methylene Chloride	< 40	40	ug/L	04/16/12 17:26
trans-1,2-Dichloroethene	< 40	40	ug/L	04/16/12 17:26
1,1-Dichloroethane	< 40	40	ug/L	04/16/12 17:26
2,2-Dichloropropane	< 40	40	ug/L	04/16/12 17:26
cis-1,2-Dichloroethene	< 40	40	ug/L	04/16/12 17:26
Chloroform	< 40	40	ug/L	04/16/12 17:26
Bromochloromethane	< 40	40	ug/L	04/16/12 17:26
1,1,1-Trichloroethane	< 40	40	ug/L	04/16/12 17:26
1,1-Dichloropropene	< 40	40	ug/L	04/16/12 17:26
1,2-Dichloroethane	< 40	40	ug/L	04/16/12 17:26
Carbon Tetrachloride	< 40	40	ug/L	04/16/12 17:26
Benzene	**1100**	40	ug/L	04/16/12 17:26
Trichloroethene	< 40	40	ug/L	04/16/12 17:26
1,2-Dichloropropane	< 40	40	ug/L	04/16/12 17:26
Bromodichloromethane	< 40	40	ug/L	04/16/12 17:26
Dibromomethane	< 40	40	ug/L	04/16/12 17:26
cis-1,3-Dichloropropene	< 40	40	ug/L	04/16/12 17:26
Toluene	**6500**	40	ug/L	04/16/12 17:26
trans-1,3-Dichloropropene	< 40	40	ug/L	04/16/12 17:26

KIFF Analytical LLC

Report Number : 80993
Date : 06/29/2012

Sample : **SB-9_W**
Project Name : **76 Station #6390**
Project Number : **I40256390** Lab Number : 80993-04
Matrix : Water Sample Date :04/12/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
1,1,2-Trichloroethane	< 40	40	ug/L	04/16/12 17:26
1,3-Dichloropropane	< 40	40	ug/L	04/16/12 17:26
Tetrachloroethene	< 40	40	ug/L	04/16/12 17:26
Dibromochloromethane	< 40	40	ug/L	04/16/12 17:26
1,2-Dibromoethane	< 40	40	ug/L	04/16/12 17:26
Chlorobenzene	< 40	40	ug/L	04/16/12 17:26
1,1,1,2-Tetrachloroethane	< 40	40	ug/L	04/16/12 17:26
Ethylbenzene	**4400**	40	ug/L	04/16/12 17:26
P,M-Xylene	**14000**	40	ug/L	04/16/12 17:26
O-Xylene	**7000**	40	ug/L	04/16/12 17:26
Styrene	< 80	80	ug/L	04/16/12 17:26
Isopropyl benzene	**150**	40	ug/L	04/16/12 17:26
Bromoform	< 40	40	ug/L	04/16/12 17:26
1,1,2,2-Tetrachloroethane	< 40	40	ug/L	04/16/12 17:26
1,2,3-Trichloropropane	< 40	40	ug/L	04/16/12 17:26
n-Propylbenzene	**520**	40	ug/L	04/16/12 17:26
Bromobenzene	< 40	40	ug/L	04/16/12 17:26
1,3,5-Trimethylbenzene	**1200**	40	ug/L	04/16/12 17:26
2+4-Chlorotoluene	< 70	70	ug/L	04/16/12 17:26
tert-Butylbenzene	< 40	40	ug/L	04/16/12 17:26
1,2,4-Trimethylbenzene	**3800**	40	ug/L	04/16/12 17:26
sec-Butylbenzene	< 40	40	ug/L	04/16/12 17:26
p-Isopropyltoluene	< 40	40	ug/L	04/16/12 17:26
1,3-Dichlorobenzene	< 40	40	ug/L	04/16/12 17:26
1,4-Dichlorobenzene	< 40	40	ug/L	04/16/12 17:26
n-Butylbenzene	**66**	40	ug/L	04/16/12 17:26
1,2-Dichlorobenzene	< 40	40	ug/L	04/16/12 17:26
1,2-Dibromo-3-chloropropane	< 40	40	ug/L	04/16/12 17:26
1,2,4-Trichlorobenzene	< 40	40	ug/L	04/16/12 17:26
Hexachlorobutadiene	< 40	40	ug/L	04/16/12 17:26
Naphthalene	**1200**	40	ug/L	04/16/12 17:26
1,2,3-Trichlorobenzene	< 40	40	ug/L	04/16/12 17:26
1,2-Dichloroethane-d4 (Surr)	98.1		% Recovery	04/16/12 17:26
4-Bromofluorobenzene (Surr)	96.5		% Recovery	04/16/12 17:26

KIFF Analytical LLC

Report Number : 80993

Date : 06/29/2012

Sample : **SB-9_W**

Project Name : **76 Station #6390**

Project Number : **I40256390** Lab Number : 80993-04

Matrix : Water Sample Date :04/12/2012 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Toluene - d8 (Surr)	97.1		% Recovery	04/16/12 17:26

Report Number : 80993

Date : 06/29/2012

QC Report : Method Blank Data

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	04/13/2012
Ethanol	< 0.010	0.010	mg/Kg	EPA 8260B	04/13/2012
Dichlorodifluoromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Chloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Bromomethane	< 0.020	0.020	mg/Kg	EPA 8260B	04/13/2012
Chloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Trichlorofluoromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Methylene Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
2,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Chloroform	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Bromochloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1,1-Trichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Carbon Tetrachloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Bromodichloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Dibromomethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
cis-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
trans-1,3-Dichloropropene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1,2-Trichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,3-Dichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Dibromochloromethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Chlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1,1,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
P,M-Xylene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
O-Xylene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Styrene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Isopropyl benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Bromoform	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,1,2,2-Tetrachloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2,3-Trichloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
n-Propylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Bromobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,3,5-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
2+4-Chlorotoluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
tert-Butylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2,4-Trimethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
sec-Butylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
p-Isopropyltoluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,3-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,4-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
n-Butylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2-Dichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2-Dibromo-3-chloropropane	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2,4-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Hexachlorobutadiene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2,3-Trichlorobenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	04/13/2012
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	04/13/2012
4-Bromofluorobenzene (Surr)	97.8		%	EPA 8260B	04/13/2012
Toluene - d8 (Surr)	98.0		%	EPA 8260B	04/13/2012

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 80993

Date : 06/29/2012

QC Report : Method Blank Data

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/16/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/16/2012
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	04/16/2012
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Bromomethane	< 20	20	ug/L	EPA 8260B	04/16/2012
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	04/16/2012
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	04/16/2012
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Styrene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	04/16/2012
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/16/2012
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	04/16/2012
4-Bromofluorobenzene (Surr)	98.9		%	EPA 8260B	04/16/2012
Toluene - d8 (Surr)	97.7		%	EPA 8260B	04/16/2012

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 80993

Date : 06/29/2012

QC Report : Method Blank Data

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	04/17/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/17/2012
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Bromomethane	< 20	20	ug/L	EPA 8260B	04/17/2012
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	04/17/2012
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	04/17/2012
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Styrene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	04/17/2012
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	04/17/2012
1,2-Dichloroethane-d4 (Surr)	99.0		%	EPA 8260B	04/17/2012
4-Bromofluorobenzene (Surr)	94.8		%	EPA 8260B	04/17/2012
Toluene - d8 (Surr)	99.7		%	EPA 8260B	04/17/2012

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1,1,2-Tetrachloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0334	0.0332	mg/Kg	EPA 8260B	4/14/12	84.4	83.2	1.39	70.0-130	25
1,1,1-Trichloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0306	0.0303	mg/Kg	EPA 8260B	4/14/12	77.2	75.9	1.66	70.0-130	25
1,1,2,2-Tetrachloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0396	0.0386	mg/Kg	EPA 8260B	4/14/12	100	96.6	3.56	60.7-133	25
1,1,2-Trichloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0377	0.0366	mg/Kg	EPA 8260B	4/14/12	95.1	91.8	3.58	70.0-130	25
1,1-Dichloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0352	0.0348	mg/Kg	EPA 8260B	4/14/12	89.0	87.3	1.90	66.1-120	25
1,1-Dichloroethene														
	80972-04	<0.0050	0.0396	0.0399	0.0383	0.0374	mg/Kg	EPA 8260B	4/14/12	96.8	93.6	3.39	65.9-122	25
1,1-Dichloropropene														
	80972-04	<0.0050	0.0396	0.0399	0.0347	0.0347	mg/Kg	EPA 8260B	4/14/12	87.6	86.9	0.856	70.0-130	25
1,2,3-Trichlorobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0308	0.0320	mg/Kg	EPA 8260B	4/14/12	77.8	80.1	2.97	70.0-130	25
1,2,3-Trichloropropane														
	80972-04	<0.0050	0.0396	0.0399	0.0391	0.0366	mg/Kg	EPA 8260B	4/14/12	98.7	91.6	7.50	70.0-130	25
1,2,4-Trichlorobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0302	0.0317	mg/Kg	EPA 8260B	4/14/12	76.4	79.3	3.82	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2,4-Trimethylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0305	0.0308	mg/Kg	EPA 8260B	4/14/12	77.1	77.2	0.0648	70.0-130	25
1,2-Dibromoethane														
	80972-04	<0.0050	0.0398	0.0401	0.0376	0.0361	mg/Kg	EPA 8260B	4/14/12	94.4	89.8	4.96	67.2-121	25
1,2-Dichlorobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0331	0.0334	mg/Kg	EPA 8260B	4/14/12	83.5	83.8	0.344	56.3-123	25
1,2-Dichloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0315	0.0306	mg/Kg	EPA 8260B	4/14/12	79.4	76.8	3.41	64.0-124	25
1,2-Dichloropropane														
	80972-04	<0.0050	0.0396	0.0399	0.0371	0.0364	mg/Kg	EPA 8260B	4/14/12	93.8	91.2	2.77	66.6-120	25
1,2-dibromo-3-chloropropane														
	80972-04	<0.0050	0.0396	0.0399	0.0459	0.0413	mg/Kg	EPA 8260B	4/14/12	116	103	11.4	59.4-138	25
1,3,5-Trimethylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0346	0.0350	mg/Kg	EPA 8260B	4/14/12	87.5	87.6	0.181	70.0-130	25
1,3-Dichlorobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0292	0.0294	mg/Kg	EPA 8260B	4/14/12	73.8	73.7	0.114	52.5-132	25
1,3-Dichloropropane														
	80972-04	<0.0050	0.0396	0.0399	0.0369	0.0360	mg/Kg	EPA 8260B	4/14/12	93.1	90.1	3.21	70.0-130	25
1,4-Dichlorobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0332	0.0337	mg/Kg	EPA 8260B	4/14/12	83.8	84.4	0.740	57.0-123	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 80993

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
2+4-Chlorotoluene														
	80972-04	<0.0050	0.0792	0.0798	0.0691	0.0695	mg/Kg	EPA 8260B	4/14/12	87.2	87.1	0.139	70.0-130	25
2,2-Dichloropropane														
	80972-04	<0.0050	0.0396	0.0399	0.0311	0.0308	mg/Kg	EPA 8260B	4/14/12	78.4	77.2	1.58	70.0-130	25
Benzene														
	80972-04	<0.0050	0.0396	0.0399	0.0369	0.0367	mg/Kg	EPA 8260B	4/14/12	93.2	92.0	1.36	67.9-120	25
Bromobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0343	0.0342	mg/Kg	EPA 8260B	4/14/12	86.7	85.6	1.19	70.0-130	25
Bromochloromethane														
	80972-04	<0.0050	0.0396	0.0399	0.0358	0.0356	mg/Kg	EPA 8260B	4/14/12	90.3	89.2	1.18	70.0-130	25
Bromodichloromethane														
	80972-04	<0.0050	0.0396	0.0399	0.0326	0.0324	mg/Kg	EPA 8260B	4/14/12	82.3	81.1	1.47	70.0-130	25
Bromoform														
	80972-04	<0.0050	0.0396	0.0399	0.0378	0.0366	mg/Kg	EPA 8260B	4/14/12	95.3	91.7	3.84	58.2-146	25
Bromomethane														
	80972-04	<0.020	0.198	0.200	0.170	0.174	mg/Kg	EPA 8260B	4/14/12	85.7	87.1	1.67	45.5-139	25
Carbon Tetrachloride														
	80972-04	<0.0050	0.0396	0.0399	0.0312	0.0306	mg/Kg	EPA 8260B	4/14/12	78.7	76.8	2.54	70.0-130	25
Chlorobenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0355	0.0353	mg/Kg	EPA 8260B	4/14/12	89.7	88.5	1.35	63.4-122	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 80993

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Chloroethane														
	80972-04	<0.0050	0.0396	0.0399	0.0378	0.0370	mg/Kg	EPA 8260B	4/14/12	95.3	92.6	2.88	70.0-130	25
Chloroform														
	80972-04	<0.0050	0.0396	0.0399	0.0325	0.0322	mg/Kg	EPA 8260B	4/14/12	82.0	80.7	1.60	67.4-121	25
Chloromethane														
	80972-04	<0.0050	0.0396	0.0399	0.0312	0.0323	mg/Kg	EPA 8260B	4/14/12	78.8	80.9	2.71	47.9-127	25
Dibromochloromethane														
	80972-04	<0.0050	0.0396	0.0399	0.0349	0.0340	mg/Kg	EPA 8260B	4/14/12	88.2	85.3	3.32	70.0-130	25
Dibromomethane														
	80972-04	<0.0050	0.0396	0.0399	0.0369	0.0358	mg/Kg	EPA 8260B	4/14/12	93.1	89.6	3.76	70.0-130	25
Dichlorodifluoromethane														
	80972-04	<0.0050	0.0396	0.0399	0.0245	0.0247	mg/Kg	EPA 8260B	4/14/12	61.9	62.0	0.0436	40.5-144	25
Ethylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0360	0.0359	mg/Kg	EPA 8260B	4/14/12	90.9	90.0	0.918	65.5-127	25
Hexachlorobutadiene														
	80972-04	<0.0050	0.0396	0.0399	0.0296	0.0309	mg/Kg	EPA 8260B	4/14/12	74.7	77.4	3.59	70.0-130	25
Isopropyl benzene														
	80972-04	<0.0050	0.0396	0.0399	0.0352	0.0354	mg/Kg	EPA 8260B	4/14/12	88.9	88.8	0.105	70.0-130	25
Methylene Chloride														
	80972-04	<0.0050	0.0396	0.0399	0.0362	0.0356	mg/Kg	EPA 8260B	4/14/12	91.4	89.1	2.57	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 80993

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Naphthalene														
	80972-04	<0.0050	0.0396	0.0399	0.0359	0.0357	mg/Kg	EPA 8260B	4/14/12	90.8	89.4	1.48	70.0-130	25
O-Xylene														
	80972-04	<0.0050	0.0396	0.0399	0.0360	0.0361	mg/Kg	EPA 8260B	4/14/12	90.9	90.4	0.587	62.3-124	25
P + M Xylene														
	80972-04	<0.0050	0.0396	0.0399	0.0359	0.0358	mg/Kg	EPA 8260B	4/14/12	90.6	89.7	0.944	62.5-124	25
Styrene														
	80972-04	<0.0050	0.0396	0.0399	0.0364	0.0364	mg/Kg	EPA 8260B	4/14/12	92.0	91.1	0.928	70.0-130	25
Tetrachloroethene														
	80972-04	<0.0050	0.0396	0.0399	0.0352	0.0348	mg/Kg	EPA 8260B	4/14/12	89.0	87.2	1.93	64.7-122	25
Toluene														
	80972-04	<0.0050	0.0396	0.0399	0.0361	0.0358	mg/Kg	EPA 8260B	4/14/12	91.2	89.8	1.57	65.7-120	25
Trichloroethene														
	80972-04	<0.0050	0.0396	0.0399	0.0372	0.0366	mg/Kg	EPA 8260B	4/14/12	94.1	91.7	2.57	63.9-121	25
Trichlorofluoromethane														
	80972-04	<0.0050	0.0396	0.0399	0.0316	0.0312	mg/Kg	EPA 8260B	4/14/12	79.8	78.0	2.21	70.0-130	25
Vinyl Chloride														
	80972-04	<0.0050	0.0396	0.0399	0.0358	0.0350	mg/Kg	EPA 8260B	4/14/12	90.5	87.7	3.14	45.9-127	25
c-1,3-Dichloropropene														
	80972-04	<0.0050	0.0396	0.0399	0.0353	0.0349	mg/Kg	EPA 8260B	4/14/12	89.1	87.5	1.85	70.0-130	25

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
cis-1,2-Dichloroethene														
	80972-04	<0.0050	0.0396	0.0399	0.0361	0.0360	mg/Kg	EPA 8260B	4/14/12	91.2	90.2	1.10	70.0-130	25
n-butylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0331	0.0340	mg/Kg	EPA 8260B	4/14/12	83.6	85.3	1.93	70.0-130	25
n-propylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0348	0.0350	mg/Kg	EPA 8260B	4/14/12	87.8	87.6	0.180	70.0-130	25
p-isopropyltoluene														
	80972-04	<0.0050	0.0396	0.0399	0.0286	0.0291	mg/Kg	EPA 8260B	4/14/12	72.2	72.8	0.832	70.0-130	25
sec-butylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0309	0.0316	mg/Kg	EPA 8260B	4/14/12	78.1	79.2	1.38	70.0-130	25
t-1,2-Dichloroethene														
	80972-04	<0.0050	0.0396	0.0399	0.0371	0.0367	mg/Kg	EPA 8260B	4/14/12	93.8	91.9	2.00	70.0-130	25
t-1,3-Dichloropropene														
	80972-04	<0.0050	0.0396	0.0399	0.0342	0.0336	mg/Kg	EPA 8260B	4/14/12	86.4	84.1	2.70	70.0-130	25
tert-butylbenzene														
	80972-04	<0.0050	0.0396	0.0399	0.0321	0.0324	mg/Kg	EPA 8260B	4/14/12	81.0	81.1	0.190	70.0-130	25
1,1,1,2-Tetrachloroethane														
	80986-44	<0.50	38.9	38.9	36.2	36.4	ug/L	EPA 8260B	4/16/12	92.9	93.4	0.555	70.0-130	25

KIFF ANALYTICAL, LLC

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Report Number : 80993

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1,1-Trichloroethane														
	80986-44	<0.50	38.9	38.9	31.4	31.5	ug/L	EPA 8260B	4/16/12	80.7	81.1	0.413	70.0-130	25
1,1,2,2-Tetrachloroethane														
	80986-44	<0.50	38.9	38.9	39.7	41.4	ug/L	EPA 8260B	4/16/12	102	106	4.13	80-121	25
1,1,2-Trichloroethane														
	80986-44	0.60	38.9	38.9	37.4	38.4	ug/L	EPA 8260B	4/16/12	94.6	97.1	2.59	70.0-130	25
1,1-Dichloroethane														
	80986-44	<0.50	38.9	38.9	37.0	36.9	ug/L	EPA 8260B	4/16/12	95.1	94.8	0.310	76.5-120	25
1,1-Dichloroethene														
	80986-44	<0.50	38.9	38.9	38.4	38.3	ug/L	EPA 8260B	4/16/12	98.6	98.4	0.230	69.6-124	25
1,1-Dichloropropene														
	80986-44	<0.50	38.9	38.9	35.9	35.7	ug/L	EPA 8260B	4/16/12	92.3	91.9	0.452	70.0-130	25
1,2,3-Trichlorobenzene														
	80986-44	0.80	38.9	38.9	34.2	37.0	ug/L	EPA 8260B	4/16/12	86.0	93.0	7.91	70.0-130	25
1,2,3-Trichloropropane														
	80986-44	<0.50	38.9	38.9	33.3	35.3	ug/L	EPA 8260B	4/16/12	85.7	90.8	5.84	70.0-130	25
1,2,4-Trichlorobenzene														
	80986-44	0.70	38.9	38.9	34.7	36.6	ug/L	EPA 8260B	4/16/12	87.4	92.3	5.48	70.0-130	25
1,2,4-Trimethylbenzene														
	80986-44	<0.50	38.9	38.9	33.6	34.2	ug/L	EPA 8260B	4/16/12	86.3	88.0	1.98	70.0-130	25

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Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	80986-44	<0.50	39.1	39.1	35.2	36.6	ug/L	EPA 8260B	4/16/12	90.1	93.6	3.88	80-120	25
1,2-Dichlorobenzene														
	80986-44	<0.50	38.9	38.9	37.2	37.6	ug/L	EPA 8260B	4/16/12	95.5	96.6	1.20	80-120	25
1,2-Dichloroethane														
	80986-44	<0.50	38.9	38.9	31.0	31.4	ug/L	EPA 8260B	4/16/12	79.6	80.6	1.33	75.7-122	25
1,2-Dichloropropane														
	80986-44	<0.50	38.9	38.9	38.9	39.3	ug/L	EPA 8260B	4/16/12	100	101	0.907	80-120	25
1,2-dibromo-3-chloropropane														
	80986-44	0.98	38.9	38.9	34.7	37.3	ug/L	EPA 8260B	4/16/12	86.6	93.3	7.46	70.0-130	25
1,3,5-Trimethylbenzene														
	80986-44	1.3	38.9	38.9	39.6	39.7	ug/L	EPA 8260B	4/16/12	98.3	98.6	0.305	70.0-130	25
1,3-Dichlorobenzene														
	80986-44	<0.50	38.9	38.9	32.2	32.9	ug/L	EPA 8260B	4/16/12	82.8	84.5	2.09	79.3-120	25
1,3-Dichloropropane														
	80986-44	<0.50	38.9	38.9	36.2	37.0	ug/L	EPA 8260B	4/16/12	92.9	95.1	2.28	70.0-130	25
1,4-Dichlorobenzene														
	80986-44	<0.50	38.9	38.9	37.8	37.9	ug/L	EPA 8260B	4/16/12	97.2	97.5	0.294	80-120	25
2+4-Chlorotoluene														
	80986-44	<1.0	77.8	77.8	76.3	77.2	ug/L	EPA 8260B	4/16/12	98.1	99.2	1.07	70.0-130	25

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QC Report : Matrix Spike/ Matrix Spike Duplicate

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Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
2,2-Dichloropropane														
	80986-44	1.3	38.9	38.9	31.8	30.9	ug/L	EPA 8260B	4/16/12	78.4	76.1	3.03	65.6-145	25
Benzene														
	80986-44	260	38.9	38.9	277	276	ug/L	EPA 8260B	4/16/12	**49.0**	**45.8**	6.73	80-120	25
Bromobenzene														
	80986-44	<0.50	38.9	38.9	37.0	37.1	ug/L	EPA 8260B	4/16/12	95.0	95.4	0.486	70.0-130	25
Bromochloromethane														
	80986-44	<0.50	38.9	38.9	36.7	36.9	ug/L	EPA 8260B	4/16/12	94.2	94.8	0.527	70.0-130	25
Bromodichloromethane														
	80986-44	<0.50	38.9	38.9	34.2	34.6	ug/L	EPA 8260B	4/16/12	87.8	89.0	1.37	70.0-130	25
Bromoform														
	80986-44	<0.50	38.9	38.9	36.2	37.3	ug/L	EPA 8260B	4/16/12	93.0	95.9	3.16	73.0-142	25
Bromomethane														
	80986-44	<20	194	194	168	167	ug/L	EPA 8260B	4/16/12	86.2	85.7	0.656	33.5-140	25
Carbon Tetrachloride														
	80986-44	<0.50	38.9	38.9	31.6	31.7	ug/L	EPA 8260B	4/16/12	81.1	81.5	0.482	70.0-130	25
Chlorobenzene														
	80986-44	<0.50	38.9	38.9	38.6	38.4	ug/L	EPA 8260B	4/16/12	99.1	98.8	0.312	80-120	25
Chloroethane														
	80986-44	<0.50	38.9	38.9	36.8	36.6	ug/L	EPA 8260B	4/16/12	94.7	94.1	0.647	70.0-130	25

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Chloroform														
	80986-44	<0.50	38.9	38.9	33.9	34.1	ug/L	EPA 8260B	4/16/12	87.2	87.8	0.614	80.0-120	25
Chloromethane														
	80986-44	<0.50	38.9	38.9	49.1	45.8	ug/L	EPA 8260B	4/16/12	126	118	6.93	45.9-142	25
Dibromochloromethane														
	80986-44	<0.50	38.9	38.9	34.6	35.4	ug/L	EPA 8260B	4/16/12	89.0	91.1	2.31	70.0-130	25
Dibromomethane														
	80986-44	<0.50	38.9	38.9	36.0	36.6	ug/L	EPA 8260B	4/16/12	92.5	94.2	1.76	70.0-130	25
Dichlorodifluoromethane														
	80986-44	<0.50	38.9	38.9	24.6	23.4	ug/L	EPA 8260B	4/16/12	63.2	60.1	4.99	47.4-151	25
Ethylbenzene														
	80986-44	1.8	38.9	38.9	41.0	40.8	ug/L	EPA 8260B	4/16/12	101	100	0.413	80-120	25
Hexachlorobutadiene														
	80986-44	<0.50	38.9	38.9	36.0	36.8	ug/L	EPA 8260B	4/16/12	92.4	94.6	2.36	70.0-130	25
Isopropyl benzene														
	80986-44	9.8	38.9	38.9	47.0	47.4	ug/L	EPA 8260B	4/16/12	95.8	96.6	0.909	70.0-130	25
Methylene Chloride														
	80986-44	<5.0	38.9	38.9	37.2	37.9	ug/L	EPA 8260B	4/16/12	95.5	97.5	2.00	70.0-130	25
Naphthalene														
	80986-44	2.0	38.9	38.9	33.0	37.1	ug/L	EPA 8260B	4/16/12	79.6	90.0	12.2	70.0-130	25

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O-Xylene														
	80986-44	5.8	38.9	38.9	44.7	44.8	ug/L	EPA 8260B	4/16/12	99.9	100	0.188	79.7-120	25
P + M Xylene														
	80986-44	18	38.9	38.9	55.8	55.3	ug/L	EPA 8260B	4/16/12	97.1	95.9	1.27	76.8-120	25
Styrene														
	80986-44	<0.50	38.9	38.9	40.2	40.5	ug/L	EPA 8260B	4/16/12	103	104	0.805	70.0-130	25
Tetrachloroethene														
	80986-44	<0.50	38.9	38.9	36.4	36.4	ug/L	EPA 8260B	4/16/12	93.7	93.5	0.195	77.0-120	25
Toluene														
	80986-44	6.3	38.9	38.9	43.5	43.7	ug/L	EPA 8260B	4/16/12	95.8	96.1	0.362	80-120	25
Trichloroethene														
	80986-44	<0.50	38.9	38.9	36.6	36.6	ug/L	EPA 8260B	4/16/12	94.2	94.0	0.200	80-120	25
Trichlorofluoromethane														
	80986-44	<0.50	38.9	38.9	31.0	31.0	ug/L	EPA 8260B	4/16/12	79.8	79.7	0.0881	70.0-130	25
Vinyl Chloride														
	80986-44	<0.50	38.9	38.9	34.8	34.6	ug/L	EPA 8260B	4/16/12	89.6	88.9	0.714	42.1-138	25
c-1,3-Dichloropropene														
	80986-44	<5.0	38.9	38.9	37.2	37.5	ug/L	EPA 8260B	4/16/12	95.5	96.4	0.920	70.0-130	25
cis-1,2-Dichloroethene														
	80986-44	<0.50	38.9	38.9	38.1	38.6	ug/L	EPA 8260B	4/16/12	97.9	99.2	1.38	70.0-130	25

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Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
n-butylbenzene														
	80986-44	1.4	38.9	38.9	40.3	40.2	ug/L	EPA 8260B	4/16/12	99.9	99.5	0.409	70.0-130	25
n-propylbenzene														
	80986-44	22	38.9	38.9	57.4	57.6	ug/L	EPA 8260B	4/16/12	92.1	92.6	0.555	70.0-130	25
p-isopropyltoluene														
	80986-44	<0.50	38.9	38.9	31.9	32.4	ug/L	EPA 8260B	4/16/12	82.0	83.2	1.46	70.0-130	25
sec-butylbenzene														
	80986-44	0.95	38.9	38.9	35.3	35.7	ug/L	EPA 8260B	4/16/12	88.4	89.3	1.07	70.0-130	25
t-1,2-Dichloroethene														
	80986-44	<5.0	38.9	38.9	37.1	38.1	ug/L	EPA 8260B	4/16/12	95.3	98.0	2.80	70.0-130	25
t-1,3-Dichloropropene														
	80986-44	<5.0	38.9	38.9	34.6	35.3	ug/L	EPA 8260B	4/16/12	88.9	90.7	2.04	70.0-130	25
tert-butylbenzene														
	80986-44	<0.50	38.9	38.9	35.4	35.6	ug/L	EPA 8260B	4/16/12	91.0	91.6	0.663	70.0-130	25
1,1,1,2-Tetrachloroethane														
	81007-03	<0.50	40.0	40.0	40.4	40.4	ug/L	EPA 8260B	4/17/12	101	101	0.150	70.0-130	25
1,1,1-Trichloroethane														
	81007-03	<0.50	40.0	40.0	40.6	39.8	ug/L	EPA 8260B	4/17/12	102	99.6	1.96	70.0-130	25

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1,2,2-Tetrachloroethane														
	81007-03	<0.50	40.0	40.0	41.3	41.2	ug/L	EPA 8260B	4/17/12	103	103	0.335	80-121	25
1,1,2-Trichloroethane														
	81007-03	<0.50	40.0	40.0	39.8	39.7	ug/L	EPA 8260B	4/17/12	99.4	99.3	0.0965	70.0-130	25
1,1-Dichloroethane														
	81007-03	<0.50	40.0	40.0	41.9	41.2	ug/L	EPA 8260B	4/17/12	105	103	1.62	76.5-120	25
1,1-Dichloroethene														
	81007-03	<0.50	40.0	40.0	39.7	39.4	ug/L	EPA 8260B	4/17/12	99.4	98.6	0.757	69.6-124	25
1,1-Dichloropropene														
	81007-03	<0.50	40.0	40.0	40.8	39.8	ug/L	EPA 8260B	4/17/12	102	99.6	2.34	70.0-130	25
1,2,3-Trichlorobenzene														
	81007-03	<0.50	40.0	40.0	40.4	40.5	ug/L	EPA 8260B	4/17/12	101	101	0.236	70.0-130	25
1,2,3-Trichloropropane														
	81007-03	<0.50	40.0	40.0	40.4	40.2	ug/L	EPA 8260B	4/17/12	101	100	0.486	70.0-130	25
1,2,4-Trichlorobenzene														
	81007-03	<0.50	40.0	40.0	41.2	41.0	ug/L	EPA 8260B	4/17/12	103	102	0.475	70.0-130	25
1,2,4-Trimethylbenzene														
	81007-03	<0.50	40.0	40.0	39.7	39.6	ug/L	EPA 8260B	4/17/12	99.3	98.9	0.355	70.0-130	25
1,2-Dibromoethane														
	81007-03	<0.50	40.2	40.2	40.5	40.4	ug/L	EPA 8260B	4/17/12	101	100	0.215	80-120	25

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dichlorobenzene														
	81007-03	<0.50	40.0	40.0	40.5	40.4	ug/L	EPA 8260B	4/17/12	101	101	0.198	80-120	25
1,2-Dichloroethane														
	81007-03	<0.50	40.0	40.0	42.9	41.9	ug/L	EPA 8260B	4/17/12	107	105	2.41	75.7-122	25
1,2-Dichloropropane														
	81007-03	<0.50	40.0	40.0	41.4	41.1	ug/L	EPA 8260B	4/17/12	104	103	0.740	80-120	25
1,2-dibromo-3-chloropropane														
	81007-03	<0.50	40.0	40.0	39.2	39.7	ug/L	EPA 8260B	4/17/12	98.1	99.2	1.06	70.0-130	25
1,3,5-Trimethylbenzene														
	81007-03	<0.50	40.0	40.0	39.1	39.0	ug/L	EPA 8260B	4/17/12	97.7	97.5	0.233	70.0-130	25
1,3-Dichlorobenzene														
	81007-03	<0.50	40.0	40.0	39.5	39.6	ug/L	EPA 8260B	4/17/12	98.7	99.0	0.241	79.3-120	25
1,3-Dichloropropane														
	81007-03	<0.50	40.0	40.0	41.5	41.4	ug/L	EPA 8260B	4/17/12	104	103	0.415	70.0-130	25
1,4-Dichlorobenzene														
	81007-03	<0.50	40.0	40.0	40.6	40.3	ug/L	EPA 8260B	4/17/12	101	101	0.719	80-120	25
2+4-Chlorotoluene														
	81007-03	<1.0	80.0	80.0	78.4	78.2	ug/L	EPA 8260B	4/17/12	98.0	97.7	0.277	70.0-130	25
2,2-Dichloropropane														
	81007-03	<0.50	40.0	40.0	41.4	40.1	ug/L	EPA 8260B	4/17/12	104	100	3.22	65.6-145	25

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Report Number : 80993

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	81007-03	<0.50	40.0	40.0	41.2	40.4	ug/L	EPA 8260B	4/17/12	103	101	1.89	80-120	25
Bromobenzene														
	81007-03	<0.50	40.0	40.0	38.0	38.1	ug/L	EPA 8260B	4/17/12	95.0	95.3	0.347	70.0-130	25
Bromochloromethane														
	81007-03	<0.50	40.0	40.0	39.0	39.7	ug/L	EPA 8260B	4/17/12	97.5	99.3	1.90	70.0-130	25
Bromodichloromethane														
	81007-03	<0.50	40.0	40.0	41.1	40.7	ug/L	EPA 8260B	4/17/12	103	102	1.01	70.0-130	25
Bromoform														
	81007-03	<0.50	40.0	40.0	40.7	40.9	ug/L	EPA 8260B	4/17/12	102	102	0.592	73.0-142	25
Bromomethane														
	81007-03	<20	200	200	188	194	ug/L	EPA 8260B	4/17/12	94.2	97.1	3.08	33.5-140	25
Carbon Tetrachloride														
	81007-03	<0.50	40.0	40.0	41.9	41.4	ug/L	EPA 8260B	4/17/12	105	103	1.32	70.0-130	25
Chlorobenzene														
	81007-03	<0.50	40.0	40.0	39.6	39.6	ug/L	EPA 8260B	4/17/12	99.0	98.9	0.101	80-120	25
Chloroethane														
	81007-03	<0.50	40.0	40.0	42.7	41.7	ug/L	EPA 8260B	4/17/12	107	104	2.40	70.0-130	25
Chloroform														
	81007-03	<0.50	40.0	40.0	40.9	40.2	ug/L	EPA 8260B	4/17/12	102	101	1.61	80.0-120	25

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Project Number : **I40256390**

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Chloromethane														
	81007-03	0.78	40.0	40.0	43.9	43.6	ug/L	EPA 8260B	4/17/12	108	107	0.771	45.9-142	25
Dibromochloromethane														
	81007-03	<0.50	40.0	40.0	41.2	41.4	ug/L	EPA 8260B	4/17/12	103	104	0.388	70.0-130	25
Dibromomethane														
	81007-03	<0.50	40.0	40.0	39.4	39.8	ug/L	EPA 8260B	4/17/12	98.6	99.6	1.04	70.0-130	25
Dichlorodifluoromethane														
	81007-03	<0.50	40.0	40.0	41.5	40.0	ug/L	EPA 8260B	4/17/12	104	100	3.77	47.4-151	25
Ethylbenzene														
	81007-03	<0.50	40.0	40.0	39.5	39.5	ug/L	EPA 8260B	4/17/12	98.7	98.7	0.0237	80-120	25
Hexachlorobutadiene														
	81007-03	<0.50	40.0	40.0	37.8	37.1	ug/L	EPA 8260B	4/17/12	94.5	92.8	1.78	70.0-130	25
Isopropyl benzene														
	81007-03	<0.50	40.0	40.0	39.4	39.1	ug/L	EPA 8260B	4/17/12	98.6	97.7	0.887	70.0-130	25
Methylene Chloride														
	81007-03	<5.0	40.0	40.0	39.8	39.8	ug/L	EPA 8260B	4/17/12	99.6	99.6	0.0361	70.0-130	25
Naphthalene														
	81007-03	<0.50	40.0	40.0	41.8	41.6	ug/L	EPA 8260B	4/17/12	105	104	0.541	70.0-130	25
O-Xylene														
	81007-03	<0.50	40.0	40.0	40.0	40.1	ug/L	EPA 8260B	4/17/12	99.9	100	0.333	79.7-120	25

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Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	81007-03	<1.0	40.0	40.0	39.6	39.2	ug/L	EPA 8260B	4/17/12	99.0	98.0	0.994	76.8-120	25
Styrene														
	81007-03	<0.50	40.0	40.0	39.9	39.8	ug/L	EPA 8260B	4/17/12	99.7	99.5	0.237	70.0-130	25
Tetrachloroethene														
	81007-03	<0.50	40.0	40.0	38.6	38.7	ug/L	EPA 8260B	4/17/12	96.6	96.8	0.130	77.0-120	25
Toluene														
	81007-03	<0.50	40.0	40.0	40.4	40.2	ug/L	EPA 8260B	4/17/12	101	100	0.599	80-120	25
Trichloroethene														
	81007-03	<0.50	40.0	40.0	39.2	38.7	ug/L	EPA 8260B	4/17/12	97.9	96.6	1.31	80-120	25
Trichlorofluoromethane														
	81007-03	<0.50	40.0	40.0	41.0	40.2	ug/L	EPA 8260B	4/17/12	102	100	1.93	70.0-130	25
Vinyl Chloride														
	81007-03	<0.50	40.0	40.0	40.1	39.3	ug/L	EPA 8260B	4/17/12	100	98.2	2.09	42.1-138	25
c-1,3-Dichloropropene														
	81007-03	<5.0	40.0	40.0	40.5	40.3	ug/L	EPA 8260B	4/17/12	101	101	0.414	70.0-130	25
cis-1,2-Dichloroethene														
	81007-03	<0.50	40.0	40.0	39.9	39.8	ug/L	EPA 8260B	4/17/12	99.8	99.4	0.380	70.0-130	25
n-butylbenzene														
	81007-03	<0.50	40.0	40.0	40.6	39.6	ug/L	EPA 8260B	4/17/12	102	98.9	2.66	70.0-130	25

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Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
n-propylbenzene														
	81007-03	<0.50	40.0	40.0	39.4	39.4	ug/L	EPA 8260B	4/17/12	98.5	98.6	0.0743	70.0-130	25
p-isopropyltoluene														
	81007-03	<0.50	40.0	40.0	39.1	38.8	ug/L	EPA 8260B	4/17/12	97.8	97.1	0.710	70.0-130	25
sec-butylbenzene														
	81007-03	<0.50	40.0	40.0	38.9	38.7	ug/L	EPA 8260B	4/17/12	97.4	96.7	0.664	70.0-130	25
t-1,2-Dichloroethene														
	81007-03	<5.0	40.0	40.0	39.6	39.5	ug/L	EPA 8260B	4/17/12	99.0	98.8	0.213	70.0-130	25
t-1,3-Dichloropropene														
	81007-03	<5.0	40.0	40.0	42.7	42.0	ug/L	EPA 8260B	4/17/12	107	105	1.61	70.0-130	25
tert-butylbenzene														
	81007-03	<0.50	40.0	40.0	38.6	38.7	ug/L	EPA 8260B	4/17/12	96.5	96.8	0.299	70.0-130	25
Diisopropyl ether														
	80972-04	<0.0050	0.0391	0.0395	0.0361	0.0358	mg/Kg	EPA 8260B	4/14/12	92.3	90.7	1.77	65.2-122	25
Ethyl-tert-butyl ether														
	80972-04	<0.0050	0.0396	0.0399	0.0348	0.0331	mg/Kg	EPA 8260B	4/14/12	87.9	82.8	5.98	64.6-122	25
Methyl-t-butyl ether														
	80972-04	<0.0050	0.0396	0.0399	0.0343	0.0318	mg/Kg	EPA 8260B	4/14/12	86.6	79.5	8.52	57.0-122	25

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Date : 06/29/2012

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Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	80972-04	<0.0050	0.199	0.201	0.171	0.172	mg/Kg	EPA 8260B	4/14/12	86.0	85.9	0.132	64.3-122	25
Tert-amyl-methyl ether														
	80972-04	<0.0050	0.0391	0.0394	0.0336	0.0330	mg/Kg	EPA 8260B	4/14/12	85.9	83.9	2.42	64.9-122	25
Diisopropyl ether														
	80986-44	0.60	38.5	38.5	38.5	38.8	ug/L	EPA 8260B	4/16/12	98.6	99.3	0.709	80-120	25
Ethyl-tert-butyl ether														
	80986-44	<0.50	38.9	38.9	35.4	35.8	ug/L	EPA 8260B	4/16/12	90.9	91.9	1.08	76.5-120	25
Methyl-t-butyl ether														
	80986-44	<0.50	38.9	38.9	32.7	33.8	ug/L	EPA 8260B	4/16/12	84.1	86.7	3.12	69.7-121	25
Tert-Butanol														
	80986-44	24	196	196	207	208	ug/L	EPA 8260B	4/16/12	93.6	94.5	1.01	80-120	25
Tert-amyl-methyl ether														
	80986-44	<0.50	38.4	38.4	33.9	34.8	ug/L	EPA 8260B	4/16/12	88.4	90.6	2.47	78.9-120	25
Diisopropyl ether														
	81007-03	<0.50	39.5	39.5	40.9	40.6	ug/L	EPA 8260B	4/17/12	103	103	0.635	80-120	25
Ethyl-tert-butyl ether														
	81007-03	<0.50	40.0	40.0	42.1	41.6	ug/L	EPA 8260B	4/17/12	105	104	0.990	76.5-120	25

KIFF ANALYTICAL, LLC

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Report Number : 80993

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Date : 06/29/2012

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-butyl ether														
	81007-03	40	40.0	40.0	84.5	84.3	ug/L	EPA 8260B	4/17/12	111	110	0.564	69.7-121	25
Tert-Butanol														
	81007-03	<5.0	201	201	207	206	ug/L	EPA 8260B	4/17/12	103	102	0.362	80-120	25
Tert-amyl-methyl ether														
	81007-03	<0.50	39.4	39.4	41.7	41.4	ug/L	EPA 8260B	4/17/12	106	105	0.770	78.9-120	25
Ethanol														
	80972-04	<0.050	0.0992	0.100	0.0656	0.0928	mg/Kg	EPA 8260B	4/14/12	66.1	92.8	**33.5**	37.1-156	25
Ethanol														
	80986-44	<5.0	97.4	97.4	137	157	ug/L	EPA 8260B	4/16/12	140	**161**	13.6	55.1-159	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1,1,2-Tetrachloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	93.5	70.0-130
1,1,1-Trichloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	82.7	70.0-130
1,1,2,2-Tetrachloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	110	60.7-133
1,1,2-Trichloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	100	70.0-130
1,1-Dichloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	95.1	66.1-120
1,1-Dichloroethene	0.0388	mg/Kg	EPA 8260B	4/13/12	102	65.9-122
1,1-Dichloropropene	0.0388	mg/Kg	EPA 8260B	4/13/12	92.4	70.0-130
1,2,3-Trichlorobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.6	70.0-130
1,2,3-Trichloropropane	0.0388	mg/Kg	EPA 8260B	4/13/12	96.1	70.0-130
1,2,4-Trichlorobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	96.5	70.0-130
1,2,4-Trimethylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	88.1	70.0-130
1,2-Dibromoethane	0.0390	mg/Kg	EPA 8260B	4/13/12	97.2	67.2-121
1,2-Dichlorobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	96.1	56.3-123
1,2-Dichloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	84.6	64.0-124
1,2-Dichloropropane	0.0388	mg/Kg	EPA 8260B	4/13/12	100	66.6-120
1,2-dibromo-3-chloropropane	0.0388	mg/Kg	EPA 8260B	4/13/12	103	59.4-138
1,3,5-Trimethylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	98.9	70.0-130
1,3-Dichlorobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	85.4	52.5-132
1,3-Dichloropropane	0.0388	mg/Kg	EPA 8260B	4/13/12	98.4	70.0-130
1,4-Dichlorobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.0	57.0-123
2+4-Chlorotoluene	0.0775	mg/Kg	EPA 8260B	4/13/12	98.8	70.0-130
2,2-Dichloropropane	0.0388	mg/Kg	EPA 8260B	4/13/12	86.6	70.0-130
Benzene	0.0388	mg/Kg	EPA 8260B	4/13/12	99.7	67.9-120

KIFF ANALYTICAL, LLC

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QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Bromobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	96.1	70.0-130
Bromochloromethane	0.0388	mg/Kg	EPA 8260B	4/13/12	97.4	70.0-130
Bromodichloromethane	0.0388	mg/Kg	EPA 8260B	4/13/12	90.0	70.0-130
Bromoform	0.0388	mg/Kg	EPA 8260B	4/13/12	99.7	58.2-146
Bromomethane	0.194	mg/Kg	EPA 8260B	4/13/12	94.0	45.5-139
Carbon Tetrachloride	0.0388	mg/Kg	EPA 8260B	4/13/12	83.5	70.0-130
Chlorobenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.8	63.4-122
Chloroethane	0.0388	mg/Kg	EPA 8260B	4/13/12	100	70.0-130
Chloroform	0.0388	mg/Kg	EPA 8260B	4/13/12	88.7	67.4-121
Chloromethane	0.0388	mg/Kg	EPA 8260B	4/13/12	88.5	47.9-127
Dibromochloromethane	0.0388	mg/Kg	EPA 8260B	4/13/12	95.0	70.0-130
Dibromomethane	0.0388	mg/Kg	EPA 8260B	4/13/12	97.5	70.0-130
Dichlorodifluoromethane	0.0388	mg/Kg	EPA 8260B	4/13/12	66.3	40.5-144
Ethylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	99.1	65.5-127
Hexachlorobutadiene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.0	70.0-130
Isopropyl benzene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.5	70.0-130
Methylene Chloride	0.0388	mg/Kg	EPA 8260B	4/13/12	97.9	70.0-130
Naphthalene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.4	70.0-130
O-Xylene	0.0388	mg/Kg	EPA 8260B	4/13/12	100	62.3-124
P + M Xylene	0.0388	mg/Kg	EPA 8260B	4/13/12	98.8	62.5-124
Styrene	0.0388	mg/Kg	EPA 8260B	4/13/12	102	70.0-130
Tetrachloroethene	0.0388	mg/Kg	EPA 8260B	4/13/12	94.2	64.7-122
Toluene	0.0388	mg/Kg	EPA 8260B	4/13/12	98.1	65.7-120

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QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Trichloroethene	0.0388	mg/Kg	EPA 8260B	4/13/12	93.7	63.9-121
Trichlorofluoromethane	0.0388	mg/Kg	EPA 8260B	4/13/12	82.7	70.0-130
Vinyl Chloride	0.0388	mg/Kg	EPA 8260B	4/13/12	94.8	45.9-127
c-1,3-Dichloropropene	0.0388	mg/Kg	EPA 8260B	4/13/12	97.5	70.0-130
cis-1,2-Dichloroethene	0.0388	mg/Kg	EPA 8260B	4/13/12	98.4	70.0-130
n-butylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	99.6	70.0-130
n-propylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	98.0	70.0-130
p-isopropyltoluene	0.0388	mg/Kg	EPA 8260B	4/13/12	83.6	70.0-130
sec-butylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	89.5	70.0-130
t-1,2-Dichloroethene	0.0388	mg/Kg	EPA 8260B	4/13/12	98.7	70.0-130
t-1,3-Dichloropropene	0.0388	mg/Kg	EPA 8260B	4/13/12	94.9	70.0-130
tert-butylbenzene	0.0388	mg/Kg	EPA 8260B	4/13/12	90.6	70.0-130
Diisopropyl ether	0.0383	mg/Kg	EPA 8260B	4/13/12	100	65.2-122
Ethyl-tert-butyl ether	0.0388	mg/Kg	EPA 8260B	4/13/12	92.6	64.6-122
Methyl-t-butyl ether	0.0388	mg/Kg	EPA 8260B	4/13/12	87.4	57.0-122
Tert-Butanol	0.195	mg/Kg	EPA 8260B	4/13/12	94.7	64.3-122
Tert-amyl-methyl ether	0.0382	mg/Kg	EPA 8260B	4/13/12	93.1	64.9-122
Ethanol	0.0971	mg/Kg	EPA 8260B	4/13/12	134	37.1-156
1,1,1,2-Tetrachloroethane	40.0	ug/L	EPA 8260B	4/16/12	93.1	70.0-130
1,1,1-Trichloroethane	40.0	ug/L	EPA 8260B	4/16/12	83.7	70.0-130
1,1,2,2-Tetrachloroethane	40.0	ug/L	EPA 8260B	4/16/12	101	80-121
1,1,2-Trichloroethane	40.0	ug/L	EPA 8260B	4/16/12	99.3	70.0-130

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	4/16/12	96.9	76.5-120
1,1-Dichloroethene	40.0	ug/L	EPA 8260B	4/16/12	103	69.6-124
1,1-Dichloropropene	40.0	ug/L	EPA 8260B	4/16/12	94.3	70.0-130
1,2,3-Trichlorobenzene	40.0	ug/L	EPA 8260B	4/16/12	95.1	70.0-130
1,2,3-Trichloropropane	40.0	ug/L	EPA 8260B	4/16/12	89.7	70.0-130
1,2,4-Trichlorobenzene	40.0	ug/L	EPA 8260B	4/16/12	95.0	70.0-130
1,2,4-Trimethylbenzene	40.0	ug/L	EPA 8260B	4/16/12	88.1	70.0-130
1,2-Dibromoethane	40.2	ug/L	EPA 8260B	4/16/12	94.9	80-120
1,2-Dichlorobenzene	40.0	ug/L	EPA 8260B	4/16/12	96.0	80-120
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	4/16/12	83.9	75.7-122
1,2-Dichloropropane	40.0	ug/L	EPA 8260B	4/16/12	103	80-120
1,2-dibromo-3-chloropropane	40.0	ug/L	EPA 8260B	4/16/12	94.0	70.0-130
1,3,5-Trimethylbenzene	40.0	ug/L	EPA 8260B	4/16/12	100	70.0-130
1,3-Dichlorobenzene	40.0	ug/L	EPA 8260B	4/16/12	84.3	79.3-120
1,3-Dichloropropane	40.0	ug/L	EPA 8260B	4/16/12	97.5	70.0-130
1,4-Dichlorobenzene	40.0	ug/L	EPA 8260B	4/16/12	97.6	80-120
2+4-Chlorotoluene	80.0	ug/L	EPA 8260B	4/16/12	99.9	70.0-130
2,2-Dichloropropane	40.0	ug/L	EPA 8260B	4/16/12	87.4	65.6-145
Benzene	40.0	ug/L	EPA 8260B	4/16/12	102	80-120
Bromobenzene	40.0	ug/L	EPA 8260B	4/16/12	95.7	70.0-130
Bromochloromethane	40.0	ug/L	EPA 8260B	4/16/12	97.8	70.0-130
Bromodichloromethane	40.0	ug/L	EPA 8260B	4/16/12	90.6	70.0-130
Bromoform	40.0	ug/L	EPA 8260B	4/16/12	94.8	73.0-142

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Bromomethane	200	ug/L	EPA 8260B	4/16/12	95.2	33.5-140
Carbon Tetrachloride	40.0	ug/L	EPA 8260B	4/16/12	84.4	70.0-130
Chlorobenzene	40.0	ug/L	EPA 8260B	4/16/12	99.5	80-120
Chloroethane	40.0	ug/L	EPA 8260B	4/16/12	102	70.0-130
Chloroform	40.0	ug/L	EPA 8260B	4/16/12	90.2	80.0-120
Chloromethane	40.0	ug/L	EPA 8260B	4/16/12	89.6	45.9-142
Dibromochloromethane	40.0	ug/L	EPA 8260B	4/16/12	93.0	70.0-130
Dibromomethane	40.0	ug/L	EPA 8260B	4/16/12	96.2	70.0-130
Dichlorodifluoromethane	40.0	ug/L	EPA 8260B	4/16/12	66.4	47.4-151
Ethylbenzene	40.0	ug/L	EPA 8260B	4/16/12	101	80-120
Hexachlorobutadiene	40.0	ug/L	EPA 8260B	4/16/12	96.9	70.0-130
Isopropyl benzene	40.0	ug/L	EPA 8260B	4/16/12	100	70.0-130
Methylene Chloride	40.0	ug/L	EPA 8260B	4/16/12	100	70.0-130
Naphthalene	40.0	ug/L	EPA 8260B	4/16/12	91.6	70.0-130
O-Xylene	40.0	ug/L	EPA 8260B	4/16/12	102	79.7-120
P + M Xylene	40.0	ug/L	EPA 8260B	4/16/12	101	76.8-120
Styrene	40.0	ug/L	EPA 8260B	4/16/12	104	70.0-130
Tetrachloroethene	40.0	ug/L	EPA 8260B	4/16/12	97.6	77.0-120
Toluene	40.0	ug/L	EPA 8260B	4/16/12	101	80-120
Trichloroethene	40.0	ug/L	EPA 8260B	4/16/12	99.9	80-120
Trichlorofluoromethane	40.0	ug/L	EPA 8260B	4/16/12	83.3	70.0-130
Vinyl Chloride	40.0	ug/L	EPA 8260B	4/16/12	96.5	42.1-138
c-1,3-Dichloropropene	40.0	ug/L	EPA 8260B	4/16/12	98.3	70.0-130

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QC Report : Laboratory Control Sample (LCS)

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Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
cis-1,2-Dichloroethene	40.0	ug/L	EPA 8260B	4/16/12	100	70.0-130
n-butylbenzene	40.0	ug/L	EPA 8260B	4/16/12	102	70.0-130
n-propylbenzene	40.0	ug/L	EPA 8260B	4/16/12	100	70.0-130
p-isopropyltoluene	40.0	ug/L	EPA 8260B	4/16/12	83.6	70.0-130
sec-butylbenzene	40.0	ug/L	EPA 8260B	4/16/12	89.6	70.0-130
t-1,2-Dichloroethene	40.0	ug/L	EPA 8260B	4/16/12	99.5	70.0-130
t-1,3-Dichloropropene	40.0	ug/L	EPA 8260B	4/16/12	93.3	70.0-130
tert-butylbenzene	40.0	ug/L	EPA 8260B	4/16/12	92.2	70.0-130
Diisopropyl ether	39.5	ug/L	EPA 8260B	4/16/12	102	80-120
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	4/16/12	95.9	76.5-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	4/16/12	89.8	69.7-121
Tert-Butanol	201	ug/L	EPA 8260B	4/16/12	95.4	80-120
Tert-amyl-methyl ether	39.4	ug/L	EPA 8260B	4/16/12	94.4	78.9-120
Ethanol	100	ug/L	EPA 8260B	4/16/12	134	55.1-159
1,1,1,2-Tetrachloroethane	39.9	ug/L	EPA 8260B	4/17/12	98.4	70.0-130
1,1,1-Trichloroethane	39.9	ug/L	EPA 8260B	4/17/12	100	70.0-130
1,1,2,2-Tetrachloroethane	39.9	ug/L	EPA 8260B	4/17/12	102	80-121
1,1,2-Trichloroethane	39.9	ug/L	EPA 8260B	4/17/12	100	70.0-130
1,1-Dichloroethane	39.9	ug/L	EPA 8260B	4/17/12	104	76.5-120
1,1-Dichloroethene	39.9	ug/L	EPA 8260B	4/17/12	99.8	69.6-124
1,1-Dichloropropene	39.9	ug/L	EPA 8260B	4/17/12	103	70.0-130
1,2,3-Trichlorobenzene	39.9	ug/L	EPA 8260B	4/17/12	97.0	70.0-130

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QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2,3-Trichloropropane	39.9	ug/L	EPA 8260B	4/17/12	99.9	70.0-130
1,2,4-Trichlorobenzene	39.9	ug/L	EPA 8260B	4/17/12	99.0	70.0-130
1,2,4-Trimethylbenzene	39.9	ug/L	EPA 8260B	4/17/12	97.4	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	4/17/12	99.9	80-120
1,2-Dichlorobenzene	39.9	ug/L	EPA 8260B	4/17/12	99.8	80-120
1,2-Dichloroethane	39.9	ug/L	EPA 8260B	4/17/12	108	75.7-122
1,2-Dichloropropane	39.9	ug/L	EPA 8260B	4/17/12	104	80-120
1,2-dibromo-3-chloropropane	39.9	ug/L	EPA 8260B	4/17/12	96.9	70.0-130
1,3,5-Trimethylbenzene	39.9	ug/L	EPA 8260B	4/17/12	93.9	70.0-130
1,3-Dichlorobenzene	39.9	ug/L	EPA 8260B	4/17/12	96.2	79.3-120
1,3-Dichloropropane	39.9	ug/L	EPA 8260B	4/17/12	104	70.0-130
1,4-Dichlorobenzene	39.9	ug/L	EPA 8260B	4/17/12	100	80-120
2+4-Chlorotoluene	79.8	ug/L	EPA 8260B	4/17/12	95.8	70.0-130
2,2-Dichloropropane	39.9	ug/L	EPA 8260B	4/17/12	106	65.6-145
Benzene	39.9	ug/L	EPA 8260B	4/17/12	103	80-120
Bromobenzene	39.9	ug/L	EPA 8260B	4/17/12	93.1	70.0-130
Bromochloromethane	39.9	ug/L	EPA 8260B	4/17/12	96.9	70.0-130
Bromodichloromethane	39.9	ug/L	EPA 8260B	4/17/12	103	70.0-130
Bromoform	39.9	ug/L	EPA 8260B	4/17/12	100	73.0-142
Bromomethane	200	ug/L	EPA 8260B	4/17/12	92.1	33.5-140
Carbon Tetrachloride	39.9	ug/L	EPA 8260B	4/17/12	104	70.0-130
Chlorobenzene	39.9	ug/L	EPA 8260B	4/17/12	97.0	80-120
Chloroethane	39.9	ug/L	EPA 8260B	4/17/12	108	70.0-130

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QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Chloroform	39.9	ug/L	EPA 8260B	4/17/12	102	80.0-120
Chloromethane	39.9	ug/L	EPA 8260B	4/17/12	109	45.9-142
Dibromochloromethane	39.9	ug/L	EPA 8260B	4/17/12	103	70.0-130
Dibromomethane	39.9	ug/L	EPA 8260B	4/17/12	97.2	70.0-130
Dichlorodifluoromethane	39.9	ug/L	EPA 8260B	4/17/12	102	47.4-151
Ethylbenzene	39.9	ug/L	EPA 8260B	4/17/12	97.0	80-120
Hexachlorobutadiene	39.9	ug/L	EPA 8260B	4/17/12	92.3	70.0-130
Isopropyl benzene	39.9	ug/L	EPA 8260B	4/17/12	95.9	70.0-130
Methylene Chloride	39.9	ug/L	EPA 8260B	4/17/12	100	70.0-130
Naphthalene	39.9	ug/L	EPA 8260B	4/17/12	102	70.0-130
O-Xylene	39.9	ug/L	EPA 8260B	4/17/12	98.2	79.7-120
P + M Xylene	39.9	ug/L	EPA 8260B	4/17/12	97.2	76.8-120
Styrene	39.9	ug/L	EPA 8260B	4/17/12	98.5	70.0-130
TPH as Gasoline	506	ug/L	EPA 8260B	4/17/12	101	70.0-130
Tetrachloroethene	39.9	ug/L	EPA 8260B	4/17/12	95.7	77.0-120
Toluene	39.9	ug/L	EPA 8260B	4/17/12	101	80-120
Trichloroethene	39.9	ug/L	EPA 8260B	4/17/12	97.4	80-120
Trichlorofluoromethane	39.9	ug/L	EPA 8260B	4/17/12	104	70.0-130
Vinyl Chloride	39.9	ug/L	EPA 8260B	4/17/12	100	42.1-138
c-1,3-Dichloropropene	39.9	ug/L	EPA 8260B	4/17/12	101	70.0-130
cis-1,2-Dichloroethene	39.9	ug/L	EPA 8260B	4/17/12	99.1	70.0-130
n-butylbenzene	39.9	ug/L	EPA 8260B	4/17/12	99.2	70.0-130
n-propylbenzene	39.9	ug/L	EPA 8260B	4/17/12	95.6	70.0-130

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Station #6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
p-isopropyltoluene	39.9	ug/L	EPA 8260B	4/17/12	94.5	70.0-130
sec-butylbenzene	39.9	ug/L	EPA 8260B	4/17/12	94.7	70.0-130
t-1,2-Dichloroethene	39.9	ug/L	EPA 8260B	4/17/12	99.2	70.0-130
t-1,3-Dichloropropene	39.9	ug/L	EPA 8260B	4/17/12	107	70.0-130
tert-butylbenzene	39.9	ug/L	EPA 8260B	4/17/12	93.2	70.0-130
Diisopropyl ether	39.4	ug/L	EPA 8260B	4/17/12	102	80-120
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	4/17/12	101	76.5-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	4/17/12	106	69.7-121
Tert-Butanol	200	ug/L	EPA 8260B	4/17/12	104	80-120
Tert-amyl-methyl ether	39.4	ug/L	EPA 8260B	4/17/12	102	78.9-120

KIFF ANALYTICAL, LLC

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KIFF Analytical LLC

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Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. ~~80944~~ 80993

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Dan Keltner	California EDF Report? ☒ Yes ☐ No
Company / Address: 312 Piercy Rd San Jose CA	Sampling Company Log Code:
Phone #: 408 826 1880 / Fax #:	Global ID: T0608100632
Project #: I40256390 / P.O. #: I40256390	EDF Deliverable To (Email Address): dan.keltner@cnteagroup.com
Project Name: 76 Station #6390	Sampler Signature:
Project Address: 402 S Delaware St. San Mateo CA	

Sample Designation	Field Point Name	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix:	Matrix:	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: VOC Full List (EPA 8260B)	Analysis Request:	Analysis Request:	Analysis Request:	Analysis Request:	Analysis Request:	TAT	For Lab Use Only
TW-1	TW-1	4/11/12	8:50	3					X					X				X	X							01
MW-10R_d18.5	MW-10R	4/12/12	12:55		X						X				X			X	X							02
MW-19_d18.0	MW-19	4/11/12	11:25		X						X				X			X	X							03
SB-9_W	SB-9	4/12/12	10:30	3					X					X				X	X							04

Relinquished by:	Date: 4/13/12	Time: 10:00	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date: 04/13/12	Time: 1048	Received by Laboratory:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	herm. ID	Coolant Present
					Yes / No

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: Initials

SRG#: 80993 Date: 041312

Project ID: 76 Station #6390

Method of Receipt: ☑ Courier ☐ Over-the-counter ☐ Shipper

COC Inspection

Is COC present?	☑ Yes	☐ No		
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☑ N/A
Is COC Signed by Relinquisher? ☑ Yes ☐ No Dated?	☑ Yes	☐ No		
Is sampler name legibly indicated on COC?	☐ Yes	☑ No		
Is analysis or hold requested for all samples?	☑ Yes	☐ No		
Is the turnaround time indicated on COC?	☑ Yes	☐ No		
Is COC free of whiteout and uninitialed cross-outs?	☑ Yes	☐ No, Whiteout	☐ No, Cross-outs	

Sample Inspection

Coolant Present: ☑ Yes ☐ No (includes water)

Temperature °C 3.7 Therm. ID# IR-4 Initial CAG Date/Time 041312 1447 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☑ Not present	
Do containers match COC? ☑ Yes ☐ No ☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present			
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☑ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☑ No		
Are preservatives indicated? ☐ Yes, on sample containers	☑ Yes, on COC	☐ Not indicated	☐ N/A	
Are preservatives correct for analyses requested?	☑ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☑ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☑ Yes	☐ No		
Is there sufficient sample to perform testing?	☑ Yes	☐ No		

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☑ No

Receipt Details

Matrix WA	Container type Voa	# of containers received 06
Matrix So	Container type Sleeve	# of containers received 02
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 041312 Time: 1456

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☑ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☑ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☑ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☑ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☑ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☑ Yes	☐ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☑ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☑ Yes	☐ No	☐ N/A	

COMMENTS:

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

June 12, 2012

Doug Umland
Antea USA
312 Piercy Rd
San Jose, CA 95138

RE: Project: 256390
Pace Project No.: 2512399

Dear Doug Umland:
Enclosed are the analytical results for sample(s) received by the laboratory on May 31, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karen Jang

karen.jang@pacelabs.com
Project Manager

Enclosures

cc: Tara Bosch, Antea USA
Regina Brussard, ELT_Antea Group San Jose, CA
Dennis Dettloff, Antea USA
Jonathon Fillingame, Antea USA
Lia Holden, Antea USA
Dan Keltner, Antea USA
Josh Mahoney, Antea USA
Tony Perini, Antea USA
Nicole Persaud, Antea USA
Don Pinkerton, Antea USA
Ed Weyrens, Antea USA

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CERTIFICATIONS

Project: 256390
Pace Project No.: 2512399

Washington Certification IDs
940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Arizona Certification #: AZ0770
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C555

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SAMPLE ANALYTE COUNT

Project: 256390
Pace Project No.: 2512399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2512399001	**MW-10R_20120530**	EPA 5030B/8260	LNH, LPM	76	PASI-S
		CA LUFT	LNH	2	PASI-S
2512399002	**MW-11_20120530**	EPA 5030B/8260	LNH	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399003	**MW-13B_20120530**	EPA 5030B/8260	LNH	76	PASI-S
		CA LUFT	LNH	2	PASI-S
2512399004	**MW-14B_20120530**	EPA 5030B/8260	LPM	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399005	**MW-4_20120530**	EPA 5030B/8260	LNH	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399006	**MW-6_20120530**	EPA 5030B/8260	LNH, LPM	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399007	**MW-7_20120530**	EPA 5030B/8260	LNH	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399008	**MW-18_20120530**	EPA 5030B/8260	LNH, LPM	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399009	**MW-19_20120530**	EPA 5030B/8260	LNH, LPM	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399010	**TB1_20120530**	EPA 5030B/8260	LPM	76	PASI-S
		CA LUFT	LPM	2	PASI-S
2512399011	**FD1_20120530**	EPA 5030B/8260	LNH, LPM	76	PASI-S
		CA LUFT	LPM	2	PASI-S

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Project: 256390
Pace Project No.: 2512399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2512399001	**MW-10R_20120530**					
EPA 5030B/8260	Acetone	863	ug/L	50.0	06/07/12 01:37	
EPA 5030B/8260	Benzene	77.0	ug/L	0.50	06/05/12 18:43	
EPA 5030B/8260	2-Butanone (MEK)	12.7	ug/L	5.0	06/05/12 18:43	
EPA 5030B/8260	tert-Butyl Alcohol	6.3	ug/L	5.0	06/05/12 18:43	
EPA 5030B/8260	n-Butylbenzene	105	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	sec-Butylbenzene	26.6	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	Chloroethane	1.1	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	1,2-Dichloroethene (Total)	16.1	ug/L	2.0	06/05/12 18:43	
EPA 5030B/8260	cis-1,2-Dichloroethene	16.1	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	Ethylbenzene	5670	ug/L	100	06/07/12 00:07	
EPA 5030B/8260	Isopropylbenzene (Cumene)	171	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	p-Isopropyltoluene	8.7	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	Methylene chloride	39.7	ug/L	5.0	06/05/12 18:43	
EPA 5030B/8260	4-Methyl-2-pentanone (MIBK)	5.1	ug/L	5.0	06/05/12 18:43	
EPA 5030B/8260	Methyl-tert-butyl ether	5.0	ug/L	0.50	06/05/12 18:43	
EPA 5030B/8260	Naphthalene	172	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	n-Propylbenzene	403	ug/L	10.0	06/07/12 01:37	
EPA 5030B/8260	Toluene	103	ug/L	0.50	06/05/12 18:43	
EPA 5030B/8260	1,2,4-Trimethylbenzene	4200	ug/L	200	06/07/12 00:07	
EPA 5030B/8260	1,3,5-Trimethylbenzene	1020	ug/L	10.0	06/07/12 01:37	
EPA 5030B/8260	Vinyl chloride	2.9	ug/L	1.0	06/05/12 18:43	
EPA 5030B/8260	Xylene (Total)	27900	ug/L	300	06/07/12 00:07	
EPA 5030B/8260	m&p-Xylene	21300	ug/L	400	06/07/12 00:07	
EPA 5030B/8260	o-Xylene	6650	ug/L	200	06/07/12 00:07	
CA LUFT	TPH-Gasoline (C05-C12)	89300	ug/L	10000	06/07/12 00:07	
2512399003	**MW-13B_20120530**					
EPA 5030B/8260	Acetone	131	ug/L	5.0	06/06/12 21:13	M1
EPA 5030B/8260	Benzene	321	ug/L	2.5	06/06/12 23:31	M1
EPA 5030B/8260	tert-Butyl Alcohol	45.3	ug/L	5.0	06/06/12 21:13	
EPA 5030B/8260	n-Butylbenzene	2.3	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	sec-Butylbenzene	4.0	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	1,2-Dichloroethene (Total)	17.8	ug/L	2.0	06/06/12 21:13	
EPA 5030B/8260	cis-1,2-Dichloroethene	17.5	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	Ethylbenzene	2.7	ug/L	0.50	06/06/12 21:13	
EPA 5030B/8260	Isopropylbenzene (Cumene)	4.4	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	Methyl-tert-butyl ether	90.8	ug/L	0.50	06/06/12 21:13	
EPA 5030B/8260	Naphthalene	37.3	ug/L	1.0	06/06/12 21:13	M1
EPA 5030B/8260	n-Propylbenzene	2.9	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	Tetrachloroethene	189	ug/L	1.0	06/06/12 21:13	M1
EPA 5030B/8260	Toluene	0.75	ug/L	0.50	06/06/12 21:13	
EPA 5030B/8260	Trichloroethene	19.4	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	1,2,4-Trimethylbenzene	2.6	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	1,3,5-Trimethylbenzene	1.4	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	Vinyl chloride	1.2	ug/L	1.0	06/06/12 21:13	
EPA 5030B/8260	Xylene (Total)	6.7	ug/L	1.5	06/06/12 21:13	
EPA 5030B/8260	m&p-Xylene	5.1	ug/L	2.0	06/06/12 21:13	
EPA 5030B/8260	o-Xylene	1.6	ug/L	1.0	06/06/12 21:13	

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Project: 256390
Pace Project No.: 2512399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2512399003	**MW-13B_20120530**					
CA LUFT	TPH-Gasoline (C05-C12)	2110	ug/L	250	06/06/12 23:31	
2512399004	**MW-14B_20120530**					
EPA 5030B/8260	Chloroform	2.5	ug/L	1.0	06/08/12 13:09	
EPA 5030B/8260	Tetrachloroethene	30.0	ug/L	1.0	06/08/12 13:09	
EPA 5030B/8260	Trichloroethene	1.7	ug/L	1.0	06/08/12 13:09	
2512399005	**MW-4_20120530**					
EPA 5030B/8260	Chloroform	1.8	ug/L	1.0	06/06/12 21:47	
EPA 5030B/8260	cis-1,2-Dichloroethene	1.8	ug/L	1.0	06/06/12 21:47	
EPA 5030B/8260	Tetrachloroethene	44.6	ug/L	1.0	06/06/12 21:47	
EPA 5030B/8260	Trichloroethene	3.6	ug/L	1.0	06/06/12 21:47	
CA LUFT	TPH-Gasoline (C05-C12)	60.7	ug/L	50.0	06/08/12 16:44	
2512399006	**MW-6_20120530**					
EPA 5030B/8260	Acetone	267	ug/L	5.0	06/05/12 20:08	
EPA 5030B/8260	Benzene	1080	ug/L	25.0	06/07/12 00:27	
EPA 5030B/8260	2-Butanone (MEK)	5.1	ug/L	5.0	06/05/12 20:08	
EPA 5030B/8260	tert-Butyl Alcohol	42.5	ug/L	5.0	06/05/12 20:08	
EPA 5030B/8260	n-Butylbenzene	61.5	ug/L	1.0	06/05/12 20:08	
EPA 5030B/8260	sec-Butylbenzene	17.4	ug/L	1.0	06/05/12 20:08	
EPA 5030B/8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	06/05/12 20:08	
EPA 5030B/8260	Ethylbenzene	3860	ug/L	25.0	06/07/12 00:27	
EPA 5030B/8260	Isopropylbenzene (Cumene)	110	ug/L	1.0	06/05/12 20:08	
EPA 5030B/8260	p-Isopropyltoluene	5.7	ug/L	1.0	06/05/12 20:08	
EPA 5030B/8260	Methylene chloride	32.6	ug/L	5.0	06/05/12 20:08	
EPA 5030B/8260	Methyl-tert-butyl ether	94.1	ug/L	0.50	06/05/12 20:08	
EPA 5030B/8260	Naphthalene	1260	ug/L	50.0	06/07/12 00:27	
EPA 5030B/8260	n-Propylbenzene	318	ug/L	50.0	06/07/12 00:27	
EPA 5030B/8260	Toluene	1220	ug/L	25.0	06/07/12 00:27	
EPA 5030B/8260	1,2,4-Trimethylbenzene	2900	ug/L	50.0	06/07/12 00:27	
EPA 5030B/8260	1,3,5-Trimethylbenzene	742	ug/L	50.0	06/07/12 00:27	
EPA 5030B/8260	Vinyl chloride	1.6	ug/L	1.0	06/05/12 20:08	
EPA 5030B/8260	Xylene (Total)	14200	ug/L	75.0	06/07/12 00:27	
EPA 5030B/8260	m&p-Xylene	11200	ug/L	100	06/07/12 00:27	
EPA 5030B/8260	o-Xylene	3010	ug/L	50.0	06/07/12 00:27	
CA LUFT	TPH-Gasoline (C05-C12)	60100	ug/L	2500	06/07/12 00:27	
2512399007	**MW-7_20120530**					
EPA 5030B/8260	n-Butylbenzene	1.1	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	Chloroform	1.2	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	1,2-Dichloroethene (Total)	8.4	ug/L	2.0	06/06/12 22:04	
EPA 5030B/8260	cis-1,2-Dichloroethene	8.2	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	Ethylbenzene	4.3	ug/L	0.50	06/06/12 22:04	
EPA 5030B/8260	Naphthalene	4.5	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	n-Propylbenzene	1.3	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	Tetrachloroethene	169	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	Trichloroethene	9.5	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	1,2,4-Trimethylbenzene	7.1	ug/L	1.0	06/06/12 22:04	

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Project: 256390
Pace Project No.: 2512399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2512399007	**MW-7_20120530**					
EPA 5030B/8260	1,3,5-Trimethylbenzene	2.9	ug/L	1.0	06/06/12 22:04	
EPA 5030B/8260	Xylene (Total)	21.5	ug/L	1.5	06/06/12 22:04	
EPA 5030B/8260	m&p-Xylene	16.9	ug/L	2.0	06/06/12 22:04	
EPA 5030B/8260	o-Xylene	4.6	ug/L	1.0	06/06/12 22:04	
CA LUFT	TPH-Gasoline (C05-C12)	304	ug/L	50.0	06/08/12 17:01	
2512399008	**MW-18_20120530**					
EPA 5030B/8260	Benzene	3420	ug/L	100	06/07/12 01:17	
EPA 5030B/8260	2-Butanone (MEK)	7.8	ug/L	5.0	06/05/12 20:41	
EPA 5030B/8260	tert-Butyl Alcohol	2460	ug/L	1000	06/07/12 01:17	
EPA 5030B/8260	n-Butylbenzene	131	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	sec-Butylbenzene	32.9	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	Chloromethane	3.2	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	1,2-Dichloroethene (Total)	3.8	ug/L	2.0	06/05/12 20:41	
EPA 5030B/8260	cis-1,2-Dichloroethene	3.8	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	Ethylbenzene	2440	ug/L	100	06/07/12 01:17	
EPA 5030B/8260	Isopropylbenzene (Cumene)	90.9	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	p-Isopropyltoluene	11.1	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	Methylene chloride	17.7	ug/L	5.0	06/05/12 20:41	
EPA 5030B/8260	Methyl-tert-butyl ether	1270	ug/L	100	06/07/12 01:17	
EPA 5030B/8260	Naphthalene	1070	ug/L	200	06/07/12 01:17	
EPA 5030B/8260	n-Propylbenzene	296	ug/L	200	06/07/12 01:17	
EPA 5030B/8260	Tetrachloroethene	14.7	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	Toluene	23000	ug/L	100	06/07/12 01:17	
EPA 5030B/8260	Trichloroethene	2.5	ug/L	1.0	06/05/12 20:41	
EPA 5030B/8260	1,2,4-Trimethylbenzene	2730	ug/L	200	06/07/12 01:17	
EPA 5030B/8260	1,3,5-Trimethylbenzene	893	ug/L	200	06/07/12 01:17	
EPA 5030B/8260	Xylene (Total)	15200	ug/L	300	06/07/12 01:17	
EPA 5030B/8260	m&p-Xylene	10600	ug/L	400	06/07/12 01:17	
EPA 5030B/8260	o-Xylene	4560	ug/L	200	06/07/12 01:17	
CA LUFT	TPH-Gasoline (C05-C12)	98900	ug/L	10000	06/07/12 01:17	
2512399009	**MW-19_20120530**					
EPA 5030B/8260	Acetone	313	ug/L	5.0	06/06/12 22:21	
EPA 5030B/8260	Benzene	13.5	ug/L	0.50	06/06/12 22:21	
EPA 5030B/8260	2-Butanone (MEK)	6.6	ug/L	5.0	06/06/12 22:21	
EPA 5030B/8260	n-Butylbenzene	93.3	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	sec-Butylbenzene	36.8	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	Chloroform	1.1	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	1,2-Dichloroethene (Total)	6.0	ug/L	2.0	06/06/12 22:21	
EPA 5030B/8260	cis-1,2-Dichloroethene	6.0	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	Ethylbenzene	427	ug/L	12.5	06/08/12 19:08	
EPA 5030B/8260	Isopropylbenzene (Cumene)	82.6	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	p-Isopropyltoluene	10.1	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	Methylene chloride	16.9	ug/L	5.0	06/06/12 22:21	
EPA 5030B/8260	4-Methyl-2-pentanone (MIBK)	8.0	ug/L	5.0	06/06/12 22:21	
EPA 5030B/8260	Methyl-tert-butyl ether	0.83	ug/L	0.50	06/06/12 22:21	
EPA 5030B/8260	Naphthalene	475	ug/L	25.0	06/08/12 19:08	

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Project: 256390
Pace Project No.: 2512399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2512399009	**MW-19_20120530**					
EPA 5030B/8260	n-Propylbenzene	183	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	Tetrachloroethene	12.9	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	Toluene	14.0	ug/L	0.50	06/06/12 22:21	
EPA 5030B/8260	1,2,3-Trichlorobenzene	2.2	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	1,2,4-Trichlorobenzene	2.1	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	Trichloroethene	1.6	ug/L	1.0	06/06/12 22:21	
EPA 5030B/8260	1,2,4-Trimethylbenzene	1050	ug/L	25.0	06/08/12 19:08	
EPA 5030B/8260	1,3,5-Trimethylbenzene	252	ug/L	25.0	06/08/12 19:08	
EPA 5030B/8260	Xylene (Total)	2180	ug/L	37.5	06/08/12 19:08	
EPA 5030B/8260	m&p-Xylene	1810	ug/L	50.0	06/08/12 19:08	
EPA 5030B/8260	o-Xylene	371	ug/L	25.0	06/08/12 19:08	
CA LUFT	TPH-Gasoline (C05-C12)	15700	ug/L	1250	06/08/12 19:08	
2512399011	**FD1_20120530**					
EPA 5030B/8260	Acetone	276	ug/L	5.0	06/05/12 21:15	
EPA 5030B/8260	Benzene	1060	ug/L	5.0	06/07/12 01:56	
EPA 5030B/8260	2-Butanone (MEK)	6.8	ug/L	5.0	06/05/12 21:15	
EPA 5030B/8260	tert-Butyl Alcohol	41.3	ug/L	5.0	06/05/12 21:15	
EPA 5030B/8260	n-Butylbenzene	69.0	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	sec-Butylbenzene	18.9	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	cis-1,2-Dichloroethene	1.7	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	Ethylbenzene	4480	ug/L	100	06/07/12 01:00	
EPA 5030B/8260	Isopropylbenzene (Cumene)	118	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	p-Isopropyltoluene	6.4	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	Methylene chloride	34.3	ug/L	5.0	06/05/12 21:15	
EPA 5030B/8260	Methyl-tert-butyl ether	99.7	ug/L	0.50	06/05/12 21:15	
EPA 5030B/8260	Naphthalene	177	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	n-Propylbenzene	211	ug/L	10.0	06/07/12 01:56	
EPA 5030B/8260	Toluene	1220	ug/L	5.0	06/07/12 01:56	
EPA 5030B/8260	1,2,4-Trimethylbenzene	3300	ug/L	200	06/07/12 01:00	
EPA 5030B/8260	1,3,5-Trimethylbenzene	521	ug/L	10.0	06/07/12 01:56	
EPA 5030B/8260	Vinyl chloride	1.8	ug/L	1.0	06/05/12 21:15	
EPA 5030B/8260	Xylene (Total)	15700	ug/L	300	06/07/12 01:00	
EPA 5030B/8260	m&p-Xylene	12300	ug/L	400	06/07/12 01:00	
EPA 5030B/8260	o-Xylene	3370	ug/L	200	06/07/12 01:00	
CA LUFT	TPH-Gasoline (C05-C12)	57600	ug/L	2500	06/08/12 19:27	

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940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-10R_20120530 **Lab ID: 2512399001** Collected: 05/30/12 11:40 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	**863**	ug/L	50.0	10		06/07/12 01:37	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/05/12 18:43	994-05-8	
Benzene	**77.0**	ug/L	0.50	1		06/05/12 18:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/05/12 18:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/05/12 18:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/05/12 18:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/05/12 18:43	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/05/12 18:43	74-83-9	
2-Butanone (MEK)	**12.7**	ug/L	5.0	1		06/05/12 18:43	78-93-3	
tert-Butyl Alcohol	**6.3**	ug/L	5.0	1		06/05/12 18:43	75-65-0	
n-Butylbenzene	**105**	ug/L	1.0	1		06/05/12 18:43	104-51-8	
sec-Butylbenzene	**26.6**	ug/L	1.0	1		06/05/12 18:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/05/12 18:43	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/05/12 18:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/05/12 18:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/05/12 18:43	108-90-7	
Chloroethane	**1.1**	ug/L	1.0	1		06/05/12 18:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/05/12 18:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/05/12 18:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 18:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/05/12 18:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/05/12 18:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/05/12 18:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/05/12 18:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 18:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 18:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 18:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/05/12 18:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/05/12 18:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/05/12 18:43	107-06-2	
1,2-Dichloroethene (Total)	**16.1**	ug/L	2.0	1		06/05/12 18:43	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/05/12 18:43	75-35-4	
cis-1,2-Dichloroethene	**16.1**	ug/L	1.0	1		06/05/12 18:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/05/12 18:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 18:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/05/12 18:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 18:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/05/12 18:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 18:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 18:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/05/12 18:43	108-20-3	
Ethanol	ND	ug/L	250	1		06/05/12 18:43	64-17-5	
Ethylbenzene	**5670**	ug/L	100	200		06/07/12 00:07	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/05/12 18:43	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/05/12 18:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/05/12 18:43	591-78-6	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-10R_20120530 **Lab ID: 2512399001** Collected: 05/30/12 11:40 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Isopropylbenzene (Cumene)	**171**	ug/L	1.0	1		06/05/12 18:43	98-82-8	
p-Isopropyltoluene	**8.7**	ug/L	1.0	1		06/05/12 18:43	99-87-6	
Methylene chloride	**39.7**	ug/L	5.0	1		06/05/12 18:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.1**	ug/L	5.0	1		06/05/12 18:43	108-10-1	
Methyl-tert-butyl ether	**5.0**	ug/L	0.50	1		06/05/12 18:43	1634-04-4	
Naphthalene	**172**	ug/L	1.0	1		06/05/12 18:43	91-20-3	
n-Propylbenzene	**403**	ug/L	10.0	10		06/07/12 01:37	103-65-1	
Styrene	ND	ug/L	1.0	1		06/05/12 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 18:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 18:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/05/12 18:43	127-18-4	
Toluene	**103**	ug/L	0.50	1		06/05/12 18:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 18:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 18:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/05/12 18:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/05/12 18:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/05/12 18:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/05/12 18:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/05/12 18:43	96-18-4	
1,2,4-Trimethylbenzene	**4200**	ug/L	200	200		06/07/12 00:07	95-63-6	
1,3,5-Trimethylbenzene	**1020**	ug/L	10.0	10		06/07/12 01:37	108-67-8	
Vinyl chloride	**2.9**	ug/L	1.0	1		06/05/12 18:43	75-01-4	
Xylene (Total)	**27900**	ug/L	300	200		06/07/12 00:07	1330-20-7	
m&p-Xylene	**21300**	ug/L	400	200		06/07/12 00:07	179601-23-1	
o-Xylene	**6650**	ug/L	200	200		06/07/12 00:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	72	%	79-121	1		06/05/12 18:43	460-00-4	S5
Dibromofluoromethane (S)	100	%	81-119	1		06/05/12 18:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	72-127	1		06/05/12 18:43	17060-07-0	
Toluene-d8 (S)	98	%	77-120	1		06/05/12 18:43	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**89300**	ug/L	10000	200		06/07/12 00:07		
Surrogates								
4-Bromofluorobenzene (S)	91	%	76-121	200		06/07/12 00:07	460-00-4	

Sample: MW-11_20120530 **Lab ID: 2512399002** Collected: 05/30/12 14:50 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/06/12 20:56	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/06/12 20:56	994-05-8	
Benzene	ND	ug/L	0.50	1		06/06/12 20:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/06/12 20:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/06/12 20:56	74-97-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-11_20120530 **Lab ID: 2512399002** Collected: 05/30/12 14:50 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Bromodichloromethane	ND	ug/L	1.0	1		06/06/12 20:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/06/12 20:56	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/06/12 20:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/06/12 20:56	78-93-3	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/06/12 20:56	75-65-0	
n-Butylbenzene	ND	ug/L	1.0	1		06/06/12 20:56	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/06/12 20:56	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/06/12 20:56	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/06/12 20:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/06/12 20:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/06/12 20:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/06/12 20:56	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/06/12 20:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/06/12 20:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 20:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 20:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/06/12 20:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/06/12 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/12 20:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/06/12 20:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/12 20:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/12 20:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/12 20:56	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/06/12 20:56	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/06/12 20:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/12 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/12 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 20:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/06/12 20:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 20:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/06/12 20:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 20:56	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/06/12 20:56	108-20-3	
Ethanol	ND	ug/L	250	1		06/06/12 20:56	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/06/12 20:56	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 20:56	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/06/12 20:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/06/12 20:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/06/12 20:56	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/06/12 20:56	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		06/06/12 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/06/12 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 20:56	1634-04-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-11_20120530 **Lab ID: 2512399002** Collected: 05/30/12 14:50 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Naphthalene	ND	ug/L	1.0	1		06/06/12 20:56	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/06/12 20:56	103-65-1	
Styrene	ND	ug/L	1.0	1		06/06/12 20:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 20:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 20:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/06/12 20:56	127-18-4	
Toluene	ND	ug/L	0.50	1		06/06/12 20:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 20:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 20:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/12 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/12 20:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/06/12 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/12 20:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/12 20:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/06/12 20:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/06/12 20:56	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/06/12 20:56	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		06/06/12 20:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/06/12 20:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/06/12 20:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	79-121	1		06/06/12 20:56	460-00-4	
Dibromofluoromethane (S)	101	%	81-119	1		06/06/12 20:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	72-127	1		06/06/12 20:56	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		06/06/12 20:56	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/08/12 16:27		
Surrogates								
4-Bromofluorobenzene (S)	97	%	76-121	1		06/08/12 16:27	460-00-4	

Sample: MW-13B_20120530 **Lab ID: 2512399003** Collected: 05/30/12 13:20 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	**131**	ug/L	5.0	1		06/06/12 21:13	67-64-1	M1
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/06/12 21:13	994-05-8	
Benzene	**321**	ug/L	2.5	5		06/06/12 23:31	71-43-2	M1
Bromobenzene	ND	ug/L	1.0	1		06/06/12 21:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/06/12 21:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/06/12 21:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/06/12 21:13	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/06/12 21:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/06/12 21:13	78-93-3	
tert-Butyl Alcohol	**45.3**	ug/L	5.0	1		06/06/12 21:13	75-65-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-13B_20120530 **Lab ID: 2512399003** Collected: 05/30/12 13:20 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
n-Butylbenzene	**2.3**	ug/L	1.0	1		06/06/12 21:13	104-51-8	
sec-Butylbenzene	**4.0**	ug/L	1.0	1		06/06/12 21:13	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/06/12 21:13	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/06/12 21:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/06/12 21:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/06/12 21:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/06/12 21:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/06/12 21:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/06/12 21:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 21:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 21:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/06/12 21:13	96-12-8	M1
Dibromochloromethane	ND	ug/L	1.0	1		06/06/12 21:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/12 21:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/06/12 21:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/12 21:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/12 21:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/12 21:13	107-06-2	M1
1,2-Dichloroethene (Total)	**17.8**	ug/L	2.0	1		06/06/12 21:13	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/06/12 21:13	75-35-4	
cis-1,2-Dichloroethene	**17.5**	ug/L	1.0	1		06/06/12 21:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/12 21:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 21:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/06/12 21:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 21:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/06/12 21:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 21:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 21:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/06/12 21:13	108-20-3	
Ethanol	ND	ug/L	250	1		06/06/12 21:13	64-17-5	
Ethylbenzene	**2.7**	ug/L	0.50	1		06/06/12 21:13	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 21:13	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/06/12 21:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/06/12 21:13	591-78-6	
Isopropylbenzene (Cumene)	**4.4**	ug/L	1.0	1		06/06/12 21:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/06/12 21:13	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		06/06/12 21:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/06/12 21:13	108-10-1	
Methyl-tert-butyl ether	**90.8**	ug/L	0.50	1		06/06/12 21:13	1634-04-4	
Naphthalene	**37.3**	ug/L	1.0	1		06/06/12 21:13	91-20-3	M1
n-Propylbenzene	**2.9**	ug/L	1.0	1		06/06/12 21:13	103-65-1	
Styrene	ND	ug/L	1.0	1		06/06/12 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 21:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 21:13	79-34-5	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-13B_20120530 **Lab ID: 2512399003** Collected: 05/30/12 13:20 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Tetrachloroethene	**189**	ug/L	1.0	1		06/06/12 21:13	127-18-4	M1
Toluene	**0.75**	ug/L	0.50	1		06/06/12 21:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:13	87-61-6	M1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:13	120-82-1	M1
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/12 21:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/12 21:13	79-00-5	
Trichloroethene	**19.4**	ug/L	1.0	1		06/06/12 21:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/12 21:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/12 21:13	96-18-4	
1,2,4-Trimethylbenzene	**2.6**	ug/L	1.0	1		06/06/12 21:13	95-63-6	
1,3,5-Trimethylbenzene	**1.4**	ug/L	1.0	1		06/06/12 21:13	108-67-8	
Vinyl chloride	**1.2**	ug/L	1.0	1		06/06/12 21:13	75-01-4	
Xylene (Total)	**6.7**	ug/L	1.5	1		06/06/12 21:13	1330-20-7	
m&p-Xylene	**5.1**	ug/L	2.0	1		06/06/12 21:13	179601-23-1	
o-Xylene	**1.6**	ug/L	1.0	1		06/06/12 21:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	79-121	1		06/06/12 21:13	460-00-4	
Dibromofluoromethane (S)	95	%	81-119	1		06/06/12 21:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	85	%	72-127	1		06/06/12 21:13	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		06/06/12 21:13	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**2110**	ug/L	250	5		06/06/12 23:31		
Surrogates								
4-Bromofluorobenzene (S)	93	%	76-121	5		06/06/12 23:31	460-00-4	

Sample: MW-14B_20120530 **Lab ID: 2512399004** Collected: 05/30/12 10:15 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/08/12 13:09	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/08/12 13:09	994-05-8	
Benzene	ND	ug/L	0.50	1		06/08/12 13:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/08/12 13:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/08/12 13:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/08/12 13:09	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/08/12 13:09	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/08/12 13:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/08/12 13:09	78-93-3	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/08/12 13:09	75-65-0	
n-Butylbenzene	ND	ug/L	1.0	1		06/08/12 13:09	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/08/12 13:09	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/08/12 13:09	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/08/12 13:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/08/12 13:09	56-23-5	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-14B_20120530 **Lab ID: 2512399004** Collected: 05/30/12 10:15 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Chlorobenzene	ND	ug/L	1.0	1		06/08/12 13:09	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/08/12 13:09	75-00-3	
Chloroform	**2.5**	ug/L	1.0	1		06/08/12 13:09	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/08/12 13:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/08/12 13:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/08/12 13:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/08/12 13:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/08/12 13:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/08/12 13:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/08/12 13:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/08/12 13:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/08/12 13:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/08/12 13:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/08/12 13:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/08/12 13:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/08/12 13:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/08/12 13:09	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/08/12 13:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/08/12 13:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/08/12 13:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/08/12 13:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/08/12 13:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/08/12 13:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/08/12 13:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/08/12 13:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/08/12 13:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/08/12 13:09	108-20-3	
Ethanol	ND	ug/L	250	1		06/08/12 13:09	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/08/12 13:09	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/08/12 13:09	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/08/12 13:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/08/12 13:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/08/12 13:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/08/12 13:09	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		06/08/12 13:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/08/12 13:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/08/12 13:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/08/12 13:09	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/08/12 13:09	103-65-1	
Styrene	ND	ug/L	1.0	1		06/08/12 13:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/08/12 13:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/08/12 13:09	79-34-5	
Tetrachloroethene	**30.0**	ug/L	1.0	1		06/08/12 13:09	127-18-4	
Toluene	ND	ug/L	0.50	1		06/08/12 13:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/08/12 13:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/08/12 13:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/08/12 13:09	71-55-6	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-14B_20120530 **Lab ID: 2512399004** Collected: 05/30/12 10:15 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/08/12 13:09	79-00-5	
Trichloroethene	**1.7**	ug/L	1.0	1		06/08/12 13:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/08/12 13:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/08/12 13:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/08/12 13:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/08/12 13:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/08/12 13:09	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		06/08/12 13:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/08/12 13:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/08/12 13:09	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	79-121	1		06/08/12 13:09	460-00-4	
Dibromofluoromethane (S)	100	%	81-119	1		06/08/12 13:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	89	%	72-127	1		06/08/12 13:09	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		06/08/12 13:09	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/08/12 14:12		
Surrogates								
4-Bromofluorobenzene (S)	98	%	76-121	1		06/08/12 14:12	460-00-4	

Sample: MW-4_20120530 **Lab ID: 2512399005** Collected: 05/30/12 10:40 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/06/12 21:47	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/06/12 21:47	994-05-8	
Benzene	ND	ug/L	0.50	1		06/06/12 21:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/06/12 21:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/06/12 21:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/06/12 21:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/06/12 21:47	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/06/12 21:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/06/12 21:47	78-93-3	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/06/12 21:47	75-65-0	
n-Butylbenzene	ND	ug/L	1.0	1		06/06/12 21:47	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/06/12 21:47	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/06/12 21:47	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/06/12 21:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/06/12 21:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/06/12 21:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/06/12 21:47	75-00-3	
Chloroform	**1.8**	ug/L	1.0	1		06/06/12 21:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/06/12 21:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 21:47	95-49-8	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-4_20120530 **Lab ID: 2512399005** Collected: 05/30/12 10:40 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
4-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 21:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/06/12 21:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/06/12 21:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/12 21:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/06/12 21:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/12 21:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/12 21:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/12 21:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/06/12 21:47	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/06/12 21:47	75-35-4	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	1		06/06/12 21:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/12 21:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 21:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/06/12 21:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 21:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/06/12 21:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 21:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 21:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/06/12 21:47	108-20-3	
Ethanol	ND	ug/L	250	1		06/06/12 21:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/06/12 21:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 21:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/06/12 21:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/06/12 21:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/06/12 21:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/06/12 21:47	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		06/06/12 21:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/06/12 21:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 21:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/06/12 21:47	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/06/12 21:47	103-65-1	
Styrene	ND	ug/L	1.0	1		06/06/12 21:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 21:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 21:47	79-34-5	
Tetrachloroethene	**44.6**	ug/L	1.0	1		06/06/12 21:47	127-18-4	
Toluene	ND	ug/L	0.50	1		06/06/12 21:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 21:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/12 21:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/12 21:47	79-00-5	
Trichloroethene	**3.6**	ug/L	1.0	1		06/06/12 21:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/12 21:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/12 21:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/06/12 21:47	95-63-6	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-4_20120530 **Lab ID: 2512399005** Collected: 05/30/12 10:40 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/06/12 21:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/06/12 21:47	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		06/06/12 21:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/06/12 21:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/06/12 21:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	79-121	1		06/06/12 21:47	460-00-4	
Dibromofluoromethane (S)	101	%	81-119	1		06/06/12 21:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	88	%	72-127	1		06/06/12 21:47	17060-07-0	
Toluene-d8 (S)	100	%	77-120	1		06/06/12 21:47	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**60.7**	ug/L	50.0	1		06/08/12 16:44		
Surrogates								
4-Bromofluorobenzene (S)	99	%	76-121	1		06/08/12 16:44	460-00-4	

Sample: MW-6_20120530 **Lab ID: 2512399006** Collected: 05/30/12 14:25 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	**267**	ug/L	5.0	1		06/05/12 20:08	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/05/12 20:08	994-05-8	
Benzene	**1080**	ug/L	25.0	50		06/07/12 00:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/05/12 20:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/05/12 20:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/05/12 20:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/05/12 20:08	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/05/12 20:08	74-83-9	
2-Butanone (MEK)	**5.1**	ug/L	5.0	1		06/05/12 20:08	78-93-3	
tert-Butyl Alcohol	**42.5**	ug/L	5.0	1		06/05/12 20:08	75-65-0	
n-Butylbenzene	**61.5**	ug/L	1.0	1		06/05/12 20:08	104-51-8	
sec-Butylbenzene	**17.4**	ug/L	1.0	1		06/05/12 20:08	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/05/12 20:08	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/05/12 20:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/05/12 20:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/05/12 20:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/05/12 20:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/05/12 20:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/05/12 20:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 20:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 20:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/05/12 20:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/05/12 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/05/12 20:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/05/12 20:08	74-95-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-6_20120530 **Lab ID: 2512399006** Collected: 05/30/12 14:25 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/05/12 20:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/05/12 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/05/12 20:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/05/12 20:08	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/05/12 20:08	75-35-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	1		06/05/12 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/05/12 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 20:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/05/12 20:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 20:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/05/12 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 20:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/05/12 20:08	108-20-3	
Ethanol	ND	ug/L	250	1		06/05/12 20:08	64-17-5	
Ethylbenzene	**3860**	ug/L	25.0	50		06/07/12 00:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/05/12 20:08	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/05/12 20:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/05/12 20:08	591-78-6	
Isopropylbenzene (Cumene)	**110**	ug/L	1.0	1		06/05/12 20:08	98-82-8	
p-Isopropyltoluene	**5.7**	ug/L	1.0	1		06/05/12 20:08	99-87-6	
Methylene chloride	**32.6**	ug/L	5.0	1		06/05/12 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/05/12 20:08	108-10-1	
Methyl-tert-butyl ether	**94.1**	ug/L	0.50	1		06/05/12 20:08	1634-04-4	
Naphthalene	**1260**	ug/L	50.0	50		06/07/12 00:27	91-20-3	
n-Propylbenzene	**318**	ug/L	50.0	50		06/07/12 00:27	103-65-1	
Styrene	ND	ug/L	1.0	1		06/05/12 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 20:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/05/12 20:08	127-18-4	
Toluene	**1220**	ug/L	25.0	50		06/07/12 00:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/05/12 20:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/05/12 20:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/05/12 20:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/05/12 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/05/12 20:08	96-18-4	
1,2,4-Trimethylbenzene	**2900**	ug/L	50.0	50		06/07/12 00:27	95-63-6	
1,3,5-Trimethylbenzene	**742**	ug/L	50.0	50		06/07/12 00:27	108-67-8	
Vinyl chloride	**1.6**	ug/L	1.0	1		06/05/12 20:08	75-01-4	
Xylene (Total)	**14200**	ug/L	75.0	50		06/07/12 00:27	1330-20-7	
m&p-Xylene	**11200**	ug/L	100	50		06/07/12 00:27	179601-23-1	
o-Xylene	**3010**	ug/L	50.0	50		06/07/12 00:27	95-47-6	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-6_20120530 **Lab ID: 2512399006** Collected: 05/30/12 14:25 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Surrogates								
4-Bromofluorobenzene (S)	73	%	79-121	1		06/05/12 20:08	460-00-4	S5
Dibromofluoromethane (S)	100	%	81-119	1		06/05/12 20:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	72-127	1		06/05/12 20:08	17060-07-0	
Toluene-d8 (S)	95	%	77-120	1		06/05/12 20:08	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**60100**	ug/L	2500	50		06/07/12 00:27		
Surrogates								
4-Bromofluorobenzene (S)	88	%	76-121	50		06/07/12 00:27	460-00-4	

Sample: MW-7_20120530 **Lab ID: 2512399007** Collected: 05/30/12 12:45 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/06/12 22:04	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/06/12 22:04	994-05-8	
Benzene	ND	ug/L	0.50	1		06/06/12 22:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/06/12 22:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/06/12 22:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/06/12 22:04	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/06/12 22:04	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/06/12 22:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/06/12 22:04	78-93-3	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/06/12 22:04	75-65-0	
n-Butylbenzene	**1.1**	ug/L	1.0	1		06/06/12 22:04	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/06/12 22:04	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/06/12 22:04	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/06/12 22:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/06/12 22:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/06/12 22:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/06/12 22:04	75-00-3	
Chloroform	**1.2**	ug/L	1.0	1		06/06/12 22:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/06/12 22:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 22:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 22:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/06/12 22:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/06/12 22:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/12 22:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/06/12 22:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/12 22:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/12 22:04	75-34-3	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-7_20120530 **Lab ID: 2512399007** Collected: 05/30/12 12:45 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/12 22:04	107-06-2	
1,2-Dichloroethene (Total)	**8.4**	ug/L	2.0	1		06/06/12 22:04	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/06/12 22:04	75-35-4	
cis-1,2-Dichloroethene	**8.2**	ug/L	1.0	1		06/06/12 22:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/12 22:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 22:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/06/12 22:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 22:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/06/12 22:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 22:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 22:04	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/06/12 22:04	108-20-3	
Ethanol	ND	ug/L	250	1		06/06/12 22:04	64-17-5	
Ethylbenzene	**4.3**	ug/L	0.50	1		06/06/12 22:04	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 22:04	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/06/12 22:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/06/12 22:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/06/12 22:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/06/12 22:04	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		06/06/12 22:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/06/12 22:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 22:04	1634-04-4	
Naphthalene	**4.5**	ug/L	1.0	1		06/06/12 22:04	91-20-3	
n-Propylbenzene	**1.3**	ug/L	1.0	1		06/06/12 22:04	103-65-1	
Styrene	ND	ug/L	1.0	1		06/06/12 22:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 22:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 22:04	79-34-5	
Tetrachloroethene	**169**	ug/L	1.0	1		06/06/12 22:04	127-18-4	
Toluene	ND	ug/L	0.50	1		06/06/12 22:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/12 22:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/12 22:04	79-00-5	
Trichloroethene	**9.5**	ug/L	1.0	1		06/06/12 22:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/12 22:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/12 22:04	96-18-4	
1,2,4-Trimethylbenzene	**7.1**	ug/L	1.0	1		06/06/12 22:04	95-63-6	
1,3,5-Trimethylbenzene	**2.9**	ug/L	1.0	1		06/06/12 22:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/06/12 22:04	75-01-4	
Xylene (Total)	**21.5**	ug/L	1.5	1		06/06/12 22:04	1330-20-7	
m&p-Xylene	**16.9**	ug/L	2.0	1		06/06/12 22:04	179601-23-1	
o-Xylene	**4.6**	ug/L	1.0	1		06/06/12 22:04	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	79-121	1		06/06/12 22:04	460-00-4	
Dibromofluoromethane (S)	102	%	81-119	1		06/06/12 22:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	91	%	72-127	1		06/06/12 22:04	17060-07-0	
Toluene-d8 (S)	98	%	77-120	1		06/06/12 22:04	2037-26-5	

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(206)767-5060

ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-7_20120530 **Lab ID: 2512399007** Collected: 05/30/12 12:45 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**304**	ug/L	50.0	1		06/08/12 17:01		
Surrogates								
4-Bromofluorobenzene (S)	94	%	76-121	1		06/08/12 17:01	460-00-4	

Sample: MW-18_20120530 **Lab ID: 2512399008** Collected: 05/30/12 13:55 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	1000	200		06/07/12 01:17	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/05/12 20:41	994-05-8	
Benzene	**3420**	ug/L	100	200		06/07/12 01:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/05/12 20:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/05/12 20:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/05/12 20:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/05/12 20:41	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/05/12 20:41	74-83-9	
2-Butanone (MEK)	**7.8**	ug/L	5.0	1		06/05/12 20:41	78-93-3	
tert-Butyl Alcohol	**2460**	ug/L	1000	200		06/07/12 01:17	75-65-0	
n-Butylbenzene	**131**	ug/L	1.0	1		06/05/12 20:41	104-51-8	
sec-Butylbenzene	**32.9**	ug/L	1.0	1		06/05/12 20:41	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/05/12 20:41	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/05/12 20:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/05/12 20:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/05/12 20:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/05/12 20:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/05/12 20:41	67-66-3	
Chloromethane	**3.2**	ug/L	1.0	1		06/05/12 20:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 20:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 20:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/05/12 20:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/05/12 20:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/05/12 20:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/05/12 20:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/05/12 20:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/05/12 20:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/05/12 20:41	107-06-2	
1,2-Dichloroethene (Total)	**3.8**	ug/L	2.0	1		06/05/12 20:41	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/05/12 20:41	75-35-4	
cis-1,2-Dichloroethene	**3.8**	ug/L	1.0	1		06/05/12 20:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/05/12 20:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 20:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/05/12 20:41	142-28-9	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-18_20120530 **Lab ID: 2512399008** Collected: 05/30/12 13:55 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
2,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 20:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/05/12 20:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 20:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 20:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/05/12 20:41	108-20-3	
Ethanol	ND	ug/L	250	1		06/05/12 20:41	64-17-5	
Ethylbenzene	**2440**	ug/L	100	200		06/07/12 01:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/05/12 20:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/05/12 20:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/05/12 20:41	591-78-6	
Isopropylbenzene (Cumene)	**90.9**	ug/L	1.0	1		06/05/12 20:41	98-82-8	
p-Isopropyltoluene	**11.1**	ug/L	1.0	1		06/05/12 20:41	99-87-6	
Methylene chloride	**17.7**	ug/L	5.0	1		06/05/12 20:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/05/12 20:41	108-10-1	
Methyl-tert-butyl ether	**1270**	ug/L	100	200		06/07/12 01:17	1634-04-4	
Naphthalene	**1070**	ug/L	200	200		06/07/12 01:17	91-20-3	
n-Propylbenzene	**296**	ug/L	200	200		06/07/12 01:17	103-65-1	
Styrene	ND	ug/L	1.0	1		06/05/12 20:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 20:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 20:41	79-34-5	
Tetrachloroethene	**14.7**	ug/L	1.0	1		06/05/12 20:41	127-18-4	
Toluene	**23000**	ug/L	100	200		06/07/12 01:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 20:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/05/12 20:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/05/12 20:41	79-00-5	
Trichloroethene	**2.5**	ug/L	1.0	1		06/05/12 20:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/05/12 20:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/05/12 20:41	96-18-4	
1,2,4-Trimethylbenzene	**2730**	ug/L	200	200		06/07/12 01:17	95-63-6	
1,3,5-Trimethylbenzene	**893**	ug/L	200	200		06/07/12 01:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/05/12 20:41	75-01-4	
Xylene (Total)	**15200**	ug/L	300	200		06/07/12 01:17	1330-20-7	
m&p-Xylene	**10600**	ug/L	400	200		06/07/12 01:17	179601-23-1	
o-Xylene	**4560**	ug/L	200	200		06/07/12 01:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	73	%	79-121	1		06/05/12 20:41	460-00-4	S5
Dibromofluoromethane (S)	101	%	81-119	1		06/05/12 20:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	72-127	1		06/05/12 20:41	17060-07-0	
Toluene-d8 (S)	43	%	77-120	1		06/05/12 20:41	2037-26-5	S5
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**98900**	ug/L	10000	200		06/07/12 01:17		
Surrogates								
4-Bromofluorobenzene (S)	90	%	76-121	200		06/07/12 01:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-19_20120530 **Lab ID: 2512399009** Collected: 05/30/12 11:05 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	**313**	ug/L	5.0	1		06/06/12 22:21	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/06/12 22:21	994-05-8	
Benzene	**13.5**	ug/L	0.50	1		06/06/12 22:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/06/12 22:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/06/12 22:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/06/12 22:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/06/12 22:21	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/06/12 22:21	74-83-9	
2-Butanone (MEK)	**6.6**	ug/L	5.0	1		06/06/12 22:21	78-93-3	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/06/12 22:21	75-65-0	
n-Butylbenzene	**93.3**	ug/L	1.0	1		06/06/12 22:21	104-51-8	
sec-Butylbenzene	**36.8**	ug/L	1.0	1		06/06/12 22:21	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/06/12 22:21	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/06/12 22:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/06/12 22:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/06/12 22:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/06/12 22:21	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		06/06/12 22:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/06/12 22:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 22:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/06/12 22:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/06/12 22:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/06/12 22:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/06/12 22:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/06/12 22:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/06/12 22:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/06/12 22:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/06/12 22:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/06/12 22:21	107-06-2	
1,2-Dichloroethene (Total)	**6.0**	ug/L	2.0	1		06/06/12 22:21	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/06/12 22:21	75-35-4	
cis-1,2-Dichloroethene	**6.0**	ug/L	1.0	1		06/06/12 22:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/06/12 22:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 22:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/06/12 22:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/06/12 22:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/06/12 22:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 22:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/06/12 22:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/06/12 22:21	108-20-3	
Ethanol	ND	ug/L	250	1		06/06/12 22:21	64-17-5	
Ethylbenzene	**427**	ug/L	12.5	25		06/08/12 19:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/06/12 22:21	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/06/12 22:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/06/12 22:21	591-78-6	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: MW-19_20120530 **Lab ID: 2512399009** Collected: 05/30/12 11:05 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Isopropylbenzene (Cumene)	**82.6**	ug/L	1.0	1		06/06/12 22:21	98-82-8	
p-Isopropyltoluene	**10.1**	ug/L	1.0	1		06/06/12 22:21	99-87-6	
Methylene chloride	**16.9**	ug/L	5.0	1		06/06/12 22:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**8.0**	ug/L	5.0	1		06/06/12 22:21	108-10-1	
Methyl-tert-butyl ether	**0.83**	ug/L	0.50	1		06/06/12 22:21	1634-04-4	
Naphthalene	**475**	ug/L	25.0	25		06/08/12 19:08	91-20-3	
n-Propylbenzene	**183**	ug/L	1.0	1		06/06/12 22:21	103-65-1	
Styrene	ND	ug/L	1.0	1		06/06/12 22:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 22:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/06/12 22:21	79-34-5	
Tetrachloroethene	**12.9**	ug/L	1.0	1		06/06/12 22:21	127-18-4	
Toluene	**14.0**	ug/L	0.50	1		06/06/12 22:21	108-88-3	
1,2,3-Trichlorobenzene	**2.2**	ug/L	1.0	1		06/06/12 22:21	87-61-6	
1,2,4-Trichlorobenzene	**2.1**	ug/L	1.0	1		06/06/12 22:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/06/12 22:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/06/12 22:21	79-00-5	
Trichloroethene	**1.6**	ug/L	1.0	1		06/06/12 22:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/06/12 22:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/06/12 22:21	96-18-4	
1,2,4-Trimethylbenzene	**1050**	ug/L	25.0	25		06/08/12 19:08	95-63-6	
1,3,5-Trimethylbenzene	**252**	ug/L	25.0	25		06/08/12 19:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/06/12 22:21	75-01-4	
Xylene (Total)	**2180**	ug/L	37.5	25		06/08/12 19:08	1330-20-7	
m&p-Xylene	**1810**	ug/L	50.0	25		06/08/12 19:08	179601-23-1	
o-Xylene	**371**	ug/L	25.0	25		06/08/12 19:08	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	76	%	79-121	1		06/06/12 22:21	460-00-4	S5
Dibromofluoromethane (S)	100	%	81-119	1		06/06/12 22:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	88	%	72-127	1		06/06/12 22:21	17060-07-0	
Toluene-d8 (S)	102	%	77-120	1		06/06/12 22:21	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**15700**	ug/L	1250	25		06/08/12 19:08		
Surrogates								
4-Bromofluorobenzene (S)	84	%	76-121	25		06/08/12 19:08	460-00-4	

Sample: TB1_20120530 **Lab ID: 2512399010** Collected: 05/30/12 06:30 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	ND	ug/L	5.0	1		06/05/12 14:41	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/05/12 14:41	994-05-8	
Benzene	ND	ug/L	0.50	1		06/05/12 14:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/05/12 14:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/05/12 14:41	74-97-5	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: TB1_20120530 **Lab ID: 2512399010** Collected: 05/30/12 06:30 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Bromodichloromethane	ND	ug/L	1.0	1		06/05/12 14:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/05/12 14:41	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/05/12 14:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/05/12 14:41	78-93-3	
tert-Butyl Alcohol	ND	ug/L	5.0	1		06/05/12 14:41	75-65-0	
n-Butylbenzene	ND	ug/L	1.0	1		06/05/12 14:41	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		06/05/12 14:41	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/05/12 14:41	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/05/12 14:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/05/12 14:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/05/12 14:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/05/12 14:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/05/12 14:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/05/12 14:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 14:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 14:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/05/12 14:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/05/12 14:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/05/12 14:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/05/12 14:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 14:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 14:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 14:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/05/12 14:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/05/12 14:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/05/12 14:41	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/05/12 14:41	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/05/12 14:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/05/12 14:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/05/12 14:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 14:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/05/12 14:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 14:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/05/12 14:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 14:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 14:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/05/12 14:41	108-20-3	
Ethanol	ND	ug/L	250	1		06/05/12 14:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	1		06/05/12 14:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/05/12 14:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/05/12 14:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/05/12 14:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		06/05/12 14:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/05/12 14:41	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		06/05/12 14:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/05/12 14:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	1		06/05/12 14:41	1634-04-4	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: TB1_20120530 **Lab ID: 2512399010** Collected: 05/30/12 06:30 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Naphthalene	ND	ug/L	1.0	1		06/05/12 14:41	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		06/05/12 14:41	103-65-1	
Styrene	ND	ug/L	1.0	1		06/05/12 14:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 14:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 14:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/05/12 14:41	127-18-4	
Toluene	ND	ug/L	0.50	1		06/05/12 14:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 14:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 14:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/05/12 14:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/05/12 14:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/05/12 14:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/05/12 14:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/05/12 14:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		06/05/12 14:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		06/05/12 14:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		06/05/12 14:41	75-01-4	
Xylene (Total)	ND	ug/L	1.5	1		06/05/12 14:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/05/12 14:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/05/12 14:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	79-121	1		06/05/12 14:41	460-00-4	
Dibromofluoromethane (S)	102	%	81-119	1		06/05/12 14:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	72-127	1		06/05/12 14:41	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		06/05/12 14:41	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	ND	ug/L	50.0	1		06/05/12 14:41		
Surrogates								
4-Bromofluorobenzene (S)	93	%	76-121	1		06/05/12 14:41	460-00-4	

Sample: FD1_20120530 **Lab ID: 2512399011** Collected: 05/30/12 14:30 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Acetone	**276**	ug/L	5.0	1		06/05/12 21:15	67-64-1	
tert-Amylmethyl ether	ND	ug/L	0.50	1		06/05/12 21:15	994-05-8	
Benzene	**1060**	ug/L	5.0	10		06/07/12 01:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/05/12 21:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/05/12 21:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/05/12 21:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/05/12 21:15	75-25-2	
Bromomethane	ND	ug/L	1.0	1		06/05/12 21:15	74-83-9	
2-Butanone (MEK)	**6.8**	ug/L	5.0	1		06/05/12 21:15	78-93-3	
tert-Butyl Alcohol	**41.3**	ug/L	5.0	1		06/05/12 21:15	75-65-0	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: FD1_20120530 **Lab ID: 2512399011** Collected: 05/30/12 14:30 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
n-Butylbenzene	**69.0**	ug/L	1.0	1		06/05/12 21:15	104-51-8	
sec-Butylbenzene	**18.9**	ug/L	1.0	1		06/05/12 21:15	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		06/05/12 21:15	98-06-6	
Carbon disulfide	ND	ug/L	1.0	1		06/05/12 21:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		06/05/12 21:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/05/12 21:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/05/12 21:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/05/12 21:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/05/12 21:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 21:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/05/12 21:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		06/05/12 21:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/05/12 21:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/05/12 21:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/05/12 21:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 21:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 21:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/05/12 21:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/05/12 21:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/05/12 21:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/05/12 21:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		06/05/12 21:15	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/05/12 21:15	75-35-4	
cis-1,2-Dichloroethene	**1.7**	ug/L	1.0	1		06/05/12 21:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/05/12 21:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 21:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/05/12 21:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/05/12 21:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/05/12 21:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 21:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/05/12 21:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		06/05/12 21:15	108-20-3	
Ethanol	ND	ug/L	250	1		06/05/12 21:15	64-17-5	
Ethylbenzene	**4480**	ug/L	100	200		06/07/12 01:00	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	0.50	1		06/05/12 21:15	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/05/12 21:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/05/12 21:15	591-78-6	
Isopropylbenzene (Cumene)	**118**	ug/L	1.0	1		06/05/12 21:15	98-82-8	
p-Isopropyltoluene	**6.4**	ug/L	1.0	1		06/05/12 21:15	99-87-6	
Methylene chloride	**34.3**	ug/L	5.0	1		06/05/12 21:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/05/12 21:15	108-10-1	
Methyl-tert-butyl ether	**99.7**	ug/L	0.50	1		06/05/12 21:15	1634-04-4	
Naphthalene	**177**	ug/L	1.0	1		06/05/12 21:15	91-20-3	
n-Propylbenzene	**211**	ug/L	10.0	10		06/07/12 01:56	103-65-1	
Styrene	ND	ug/L	1.0	1		06/05/12 21:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 21:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/05/12 21:15	79-34-5	

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ANALYTICAL RESULTS

Project: 256390
Pace Project No.: 2512399

Sample: FD1_20120530 **Lab ID: 2512399011** Collected: 05/30/12 14:30 Received: 05/31/12 10:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Tetrachloroethene	ND	ug/L	1.0	1		06/05/12 21:15	127-18-4	
Toluene	**1220**	ug/L	5.0	10		06/07/12 01:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 21:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/05/12 21:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/05/12 21:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/05/12 21:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/05/12 21:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/05/12 21:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/05/12 21:15	96-18-4	
1,2,4-Trimethylbenzene	**3300**	ug/L	200	200		06/07/12 01:00	95-63-6	
1,3,5-Trimethylbenzene	**521**	ug/L	10.0	10		06/07/12 01:56	108-67-8	
Vinyl chloride	**1.8**	ug/L	1.0	1		06/05/12 21:15	75-01-4	
Xylene (Total)	**15700**	ug/L	300	200		06/07/12 01:00	1330-20-7	
m&p-Xylene	**12300**	ug/L	400	200		06/07/12 01:00	179601-23-1	
o-Xylene	**3370**	ug/L	200	200		06/07/12 01:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	75	%	79-121	1		06/05/12 21:15	460-00-4	S5
Dibromofluoromethane (S)	100	%	81-119	1		06/05/12 21:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	89	%	72-127	1		06/05/12 21:15	17060-07-0	
Toluene-d8 (S)	93	%	77-120	1		06/05/12 21:15	2037-26-5	
CA LUFT MSV GRO	Analytical Method: CA LUFT							
TPH-Gasoline (C05-C12)	**57600**	ug/L	2500	50		06/08/12 19:27		
Surrogates								
4-Bromofluorobenzene (S)	88	%	76-121	50		06/08/12 19:27	460-00-4	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

QC Batch: MSV/7142 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2512399001, 2512399006, 2512399008, 2512399010, 2512399011

METHOD BLANK: 117823 Matrix: Water
Associated Lab Samples: 2512399001, 2512399006, 2512399008, 2512399010, 2512399011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/05/12 14:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/05/12 14:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/05/12 14:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/05/12 14:24	
1,1-Dichloroethane	ug/L	ND	1.0	06/05/12 14:24	
1,1-Dichloroethene	ug/L	ND	1.0	06/05/12 14:24	
1,1-Dichloropropene	ug/L	ND	1.0	06/05/12 14:24	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/05/12 14:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/05/12 14:24	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/05/12 14:24	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/05/12 14:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/05/12 14:24	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/05/12 14:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/05/12 14:24	
1,2-Dichloroethane	ug/L	ND	1.0	06/05/12 14:24	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/05/12 14:24	
1,2-Dichloropropane	ug/L	ND	1.0	06/05/12 14:24	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/05/12 14:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/05/12 14:24	
1,3-Dichloropropane	ug/L	ND	1.0	06/05/12 14:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/05/12 14:24	
2,2-Dichloropropane	ug/L	ND	1.0	06/05/12 14:24	
2-Butanone (MEK)	ug/L	ND	5.0	06/05/12 14:24	
2-Chlorotoluene	ug/L	ND	1.0	06/05/12 14:24	
2-Hexanone	ug/L	ND	5.0	06/05/12 14:24	
4-Chlorotoluene	ug/L	ND	1.0	06/05/12 14:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/05/12 14:24	
Acetone	ug/L	ND	5.0	06/05/12 14:24	
Benzene	ug/L	ND	0.50	06/05/12 14:24	
Bromobenzene	ug/L	ND	1.0	06/05/12 14:24	
Bromochloromethane	ug/L	ND	1.0	06/05/12 14:24	
Bromodichloromethane	ug/L	ND	1.0	06/05/12 14:24	
Bromoform	ug/L	ND	1.0	06/05/12 14:24	
Bromomethane	ug/L	ND	1.0	06/05/12 14:24	
Carbon disulfide	ug/L	ND	1.0	06/05/12 14:24	
Carbon tetrachloride	ug/L	ND	1.0	06/05/12 14:24	
Chlorobenzene	ug/L	ND	1.0	06/05/12 14:24	
Chloroethane	ug/L	ND	1.0	06/05/12 14:24	
Chloroform	ug/L	ND	1.0	06/05/12 14:24	
Chloromethane	ug/L	ND	1.0	06/05/12 14:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/05/12 14:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/05/12 14:24	
Dibromochloromethane	ug/L	ND	1.0	06/05/12 14:24	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

METHOD BLANK: 117823 Matrix: Water

Associated Lab Samples: 2512399001, 2512399006, 2512399008, 2512399010, 2512399011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/05/12 14:24	
Dichlorodifluoromethane	ug/L	ND	1.0	06/05/12 14:24	
Diisopropyl ether	ug/L	ND	0.50	06/05/12 14:24	
Ethanol	ug/L	ND	250	06/05/12 14:24	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/05/12 14:24	
Ethylbenzene	ug/L	ND	0.50	06/05/12 14:24	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/05/12 14:24	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/05/12 14:24	
m&p-Xylene	ug/L	ND	2.0	06/05/12 14:24	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/05/12 14:24	
Methylene chloride	ug/L	ND	5.0	06/05/12 14:24	
n-Butylbenzene	ug/L	ND	1.0	06/05/12 14:24	
n-Propylbenzene	ug/L	ND	1.0	06/05/12 14:24	
Naphthalene	ug/L	ND	1.0	06/05/12 14:24	
o-Xylene	ug/L	ND	1.0	06/05/12 14:24	
p-Isopropyltoluene	ug/L	ND	1.0	06/05/12 14:24	
sec-Butylbenzene	ug/L	ND	1.0	06/05/12 14:24	
Styrene	ug/L	ND	1.0	06/05/12 14:24	
tert-Amylmethyl ether	ug/L	ND	0.50	06/05/12 14:24	
tert-Butyl Alcohol	ug/L	ND	5.0	06/05/12 14:24	
tert-Butylbenzene	ug/L	ND	1.0	06/05/12 14:24	
Tetrachloroethene	ug/L	ND	1.0	06/05/12 14:24	
Toluene	ug/L	ND	0.50	06/05/12 14:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/05/12 14:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/05/12 14:24	
Trichloroethene	ug/L	ND	1.0	06/05/12 14:24	
Trichlorofluoromethane	ug/L	ND	1.0	06/05/12 14:24	
Vinyl chloride	ug/L	ND	1.0	06/05/12 14:24	
Xylene (Total)	ug/L	ND	1.5	06/05/12 14:24	
1,2-Dichloroethane-d4 (S)	%	97	72-127	06/05/12 14:24	
4-Bromofluorobenzene (S)	%	94	79-121	06/05/12 14:24	
Dibromofluoromethane (S)	%	102	81-119	06/05/12 14:24	
Toluene-d8 (S)	%	99	77-120	06/05/12 14:24	

LABORATORY CONTROL SAMPLE: 117824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.3	91	70-122	
1,1,1-Trichloroethane	ug/L	20	17.8	89	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	16.0	80	62-133	
1,1,2-Trichloroethane	ug/L	20	17.7	88	68-122	
1,1-Dichloroethane	ug/L	20	17.5	88	70-125	
1,1-Dichloroethene	ug/L	20	17.3	86	69-142	
1,1-Dichloropropene	ug/L	20	18.2	91	67-129	
1,2,3-Trichlorobenzene	ug/L	20	19.4	97	60-132	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

LABORATORY CONTROL SAMPLE: 117824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	17.1	85	65-120	
1,2,4-Trichlorobenzene	ug/L	20	20.0	100	62-127	
1,2,4-Trimethylbenzene	ug/L	20	16.9	84	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	18.1	90	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	18.1	90	65-123	
1,2-Dichlorobenzene	ug/L	20	17.2	86	71-118	
1,2-Dichloroethane	ug/L	20	16.1	81	63-131	
1,2-Dichloroethene (Total)	ug/L	40	36.3	91	73-134	
1,2-Dichloropropane	ug/L	20	17.5	88	70-125	
1,3,5-Trimethylbenzene	ug/L	20	16.6	83	70-123	
1,3-Dichlorobenzene	ug/L	20	17.3	86	72-119	
1,3-Dichloropropane	ug/L	20	17.2	86	69-122	
1,4-Dichlorobenzene	ug/L	20	16.9	85	70-116	
2,2-Dichloropropane	ug/L	20	18.5	93	52-149	
2-Butanone (MEK)	ug/L	40	38.5	96	45-155	
2-Chlorotoluene	ug/L	20	15.3	77	69-119	
2-Hexanone	ug/L	40	37.4	93	50-151	
4-Chlorotoluene	ug/L	20	16.9	84	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	34.0	85	61-145	
Acetone	ug/L	40	44.4	111	40-160	
Benzene	ug/L	20	15.7	78	66-123	
Bromobenzene	ug/L	20	17.5	87	68-118	
Bromochloromethane	ug/L	20	18.4	92	72-128	
Bromodichloromethane	ug/L	20	17.5	88	68-129	
Bromoform	ug/L	20	17.4	87	54-118	
Bromomethane	ug/L	20	22.5	112	43-151	
Carbon disulfide	ug/L	20	16.7	83	52-142	
Carbon tetrachloride	ug/L	20	18.7	94	67-135	
Chlorobenzene	ug/L	20	17.1	86	72-116	
Chloroethane	ug/L	20	19.9	99	48-139	
Chloroform	ug/L	20	17.7	89	71-124	
Chloromethane	ug/L	20	25.5	128	40-152	
cis-1,2-Dichloroethene	ug/L	20	18.8	94	74-133	
cis-1,3-Dichloropropene	ug/L	10	9.6	96	64-132	
Dibromochloromethane	ug/L	20	17.8	89	60-121	
Dibromomethane	ug/L	20	17.1	86	69-131	
Dichlorodifluoromethane	ug/L	20	24.1	120	40-160	
Diisopropyl ether	ug/L	20	17.0	85	70-136	
Ethanol	ug/L	800	914	114	40-160	
Ethyl-tert-butyl ether	ug/L	20	17.1	85	65-135	
Ethylbenzene	ug/L	20	18.1	90	67-122	
Hexachloro-1,3-butadiene	ug/L	20	21.6	108	55-139	
Isopropylbenzene (Cumene)	ug/L	20	18.2	91	67-124	
m&p-Xylene	ug/L	40	37.0	92	66-122	
Methyl-tert-butyl ether	ug/L	20	17.6	88	65-138	
Methylene chloride	ug/L	20	18.7	93	58-137	
n-Butylbenzene	ug/L	20	19.2	96	68-129	
n-Propylbenzene	ug/L	20	16.8	84	66-126	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

LABORATORY CONTROL SAMPLE: 117824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	20	18.0	90	59-133	
o-Xylene	ug/L	20	18.0	90	69-123	
p-Isopropyltoluene	ug/L	20	17.5	88	69-127	
sec-Butylbenzene	ug/L	20	17.9	90	68-129	
Styrene	ug/L	20	17.9	89	72-125	
tert-Amylmethyl ether	ug/L	20	16.8	84	68-138	
tert-Butyl Alcohol	ug/L	100	122	122	57-153	
tert-Butylbenzene	ug/L	20	17.2	86	58-120	
Tetrachloroethene	ug/L	20	19.0	95	40-115	
Toluene	ug/L	20	17.7	88	64-118	
trans-1,2-Dichloroethene	ug/L	20	17.6	88	70-134	
trans-1,3-Dichloropropene	ug/L	10	8.1	81	52-115	
Trichloroethene	ug/L	20	17.8	89	69-125	
Trichlorofluoromethane	ug/L	20	22.5	113	57-155	
Vinyl chloride	ug/L	20	24.1	120	53-132	
Xylene (Total)	ug/L	60	55.0	92	68-122	
1,2-Dichloroethane-d4 (S)	%			94	72-127	
4-Bromofluorobenzene (S)	%			84	79-121	
Dibromofluoromethane (S)	%			102	81-119	
Toluene-d8 (S)	%			98	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118037 118038

Parameter	Units	2512455001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	17.8	18.1	89	91	67-132	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	18.2	18.5	91	93	67-145	2	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	15.6	15.8	78	79	65-135	1	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.2	16.9	86	85	67-126	2	
1,1-Dichloroethane	ug/L	ND	20	20	17.3	17.7	87	88	69-138	2	
1,1-Dichloroethene	ug/L	ND	20	20	18.0	18.4	89	91	68-160	2	
1,1-Dichloropropene	ug/L	ND	20	20	18.8	19.0	94	95	68-145	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.0	19.5	100	98	57-131	2	
1,2,3-Trichloropropane	ug/L	ND	20	20	16.5	16.5	83	82	61-123	.2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.7	19.4	98	97	58-130	1	
1,2,4-Trimethylbenzene	ug/L	1.9	20	20	15.0	14.7	65	64	60-136	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.0	18.1	85	90	48-127	6	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.8	17.6	89	88	61-127	1	
1,2-Dichlorobenzene	ug/L	ND	20	20	16.9	17.3	84	87	67-126	3	
1,2-Dichloroethane	ug/L	ND	20	20	15.4	15.7	77	79	60-138	2	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	38.4	39.0	93	95	70-146	2	
1,2-Dichloropropane	ug/L	ND	20	20	16.9	17.4	85	87	67-138	3	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	16.3	16.4	79	80	64-135	.8	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.0	17.3	85	87	69-128	2	
1,3-Dichloropropane	ug/L	ND	20	20	16.6	16.8	83	84	65-128	1	
1,4-Dichlorobenzene	ug/L	ND	20	20	16.7	17.1	84	85	66-124	2	
2,2-Dichloropropane	ug/L	ND	20	20	16.5	16.5	82	83	46-160	.2	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118037 118038

Parameter	Units	2512455001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2-Butanone (MEK)	ug/L	ND	40	40	39.6	37.0	99	92	40-140	7	
2-Chlorotoluene	ug/L	ND	20	20	15.6	16.0	78	80	67-129	2	
2-Hexanone	ug/L	ND	40	40	36.3	35.1	91	88	42-141	3	
4-Chlorotoluene	ug/L	ND	20	20	17.0	17.3	85	86	67-133	2	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	33.8	33.4	85	83	54-151	1	
Acetone	ug/L	ND	40	40	44.3	40.1	111	100	40-155	10	
Benzene	ug/L	1.2	20	20	15.7	16.2	73	75	63-138	3	
Bromobenzene	ug/L	ND	20	20	18.0	18.1	90	90	64-127	.6	
Bromochloromethane	ug/L	ND	20	20	18.8	19.3	94	96	66-136	2	
Bromodichloromethane	ug/L	ND	20	20	16.8	17.4	84	87	65-138	4	
Bromoform	ug/L	ND	20	20	16.7	16.5	83	82	51-119	1	
Bromomethane	ug/L	ND	20	20	23.0	22.8	115	114	40-158	.7	
Carbon disulfide	ug/L	ND	20	20	16.9	17.5	84	87	56-158	4	
Carbon tetrachloride	ug/L	ND	20	20	18.8	19.3	94	96	66-152	2	
Chlorobenzene	ug/L	ND	20	20	17.0	17.3	85	86	68-128	2	
Chloroethane	ug/L	ND	20	20	22.3	21.2	112	106	49-154	5	
Chloroform	ug/L	2.4	20	20	19.7	20.2	87	89	69-137	2	
Chloromethane	ug/L	ND	20	20	24.8	24.8	123	123	40-160	.2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.3	20.6	97	98	69-147	2	
cis-1,3-Dichloropropene	ug/L	ND	10	10	9.0	9.2	90	92	60-141	3	
Dibromochloromethane	ug/L	ND	20	20	17.0	17.2	85	86	56-125	1	
Dibromomethane	ug/L	ND	20	20	17.0	17.5	85	87	63-137	3	
Dichlorodifluoromethane	ug/L	ND	20	20	22.5	21.5	113	107	40-160	5	
Diisopropyl ether	ug/L	ND	20	20	16.2	16.5	81	83	68-146	2	
Ethanol	ug/L	ND	800	800	1170	901	146	113	40-160	26	
Ethyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.6	88	88	63-138	.009	
Ethylbenzene	ug/L	1.5	20	20	19.1	19.1	88	88	65-135	.2	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.2	21.7	106	108	50-149	2	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	18.5	18.4	92	92	64-137	.5	
m&p-Xylene	ug/L	5.6	40	40	39.7	39.5	85	85	63-134	.3	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.9	17.8	89	89	59-143	.3	
Methylene chloride	ug/L	ND	20	20	18.1	17.4	91	87	52-133	4	
n-Butylbenzene	ug/L	ND	20	20	19.4	19.9	96	99	65-143	3	
n-Propylbenzene	ug/L	ND	20	20	17.5	17.5	86	86	64-141	.2	
Naphthalene	ug/L	9.6	20	20	20.2	18.4	53	44	48-141	9	M1
o-Xylene	ug/L	1.5	20	20	18.8	18.8	86	87	68-131	.4	
p-Isopropyltoluene	ug/L	ND	20	20	17.5	17.8	87	89	69-137	2	
sec-Butylbenzene	ug/L	ND	20	20	18.2	18.5	91	92	69-139	2	
Styrene	ug/L	ND	20	20	10.9	10.7	54	54	67-135	1	M1
tert-Amylmethyl ether	ug/L	ND	20	20	17.8	17.6	89	88	62-142	1	
tert-Butyl Alcohol	ug/L	ND	100	100	118	111	117	109	46-156	6	
tert-Butylbenzene	ug/L	ND	20	20	17.8	18.0	89	90	61-129	1	
Tetrachloroethene	ug/L	29.1	20	20	49.2	50.4	101	107	40-122	2	
Toluene	ug/L	ND	20	20	18.4	18.6	92	93	64-128	1	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.1	18.4	90	92	66-150	2	
trans-1,3-Dichloropropene	ug/L	ND	10	10	7.4	7.2	74	72	51-116	3	
Trichloroethene	ug/L	1.7	20	20	20.3	20.5	93	94	68-135	1	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118037 118038

Parameter	Units	2512455001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Trichlorofluoromethane	ug/L	ND	20	20	24.7	24.3	123	122	54-160	1	
Vinyl chloride	ug/L	ND	20	20	26.2	25.8	131	129	45-155	2	
Xylene (Total)	ug/L	7.1	60	60	58.4	58.4	86	85	65-133	.1	
1,2-Dichloroethane-d4 (S)	%						88	89	72-127		
4-Bromofluorobenzene (S)	%						85	85	79-121		
Dibromofluoromethane (S)	%						101	102	81-119		
Toluene-d8 (S)	%						97	97	77-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

QC Batch: MSV/7157 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2512399001, 2512399002, 2512399003, 2512399005, 2512399006, 2512399007, 2512399008, 2512399009, 2512399011

METHOD BLANK: 118041 Matrix: Water
Associated Lab Samples: 2512399001, 2512399002, 2512399003, 2512399005, 2512399006, 2512399007, 2512399008, 2512399009, 2512399011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/06/12 18:04	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/06/12 18:04	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/06/12 18:04	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/06/12 18:04	
1,1-Dichloroethane	ug/L	ND	1.0	06/06/12 18:04	
1,1-Dichloroethene	ug/L	ND	1.0	06/06/12 18:04	
1,1-Dichloropropene	ug/L	ND	1.0	06/06/12 18:04	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/06/12 18:04	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/06/12 18:04	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/06/12 18:04	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/06/12 18:04	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/06/12 18:04	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/06/12 18:04	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/06/12 18:04	
1,2-Dichloroethane	ug/L	ND	1.0	06/06/12 18:04	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/06/12 18:04	
1,2-Dichloropropane	ug/L	ND	1.0	06/06/12 18:04	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/06/12 18:04	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/06/12 18:04	
1,3-Dichloropropane	ug/L	ND	1.0	06/06/12 18:04	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/06/12 18:04	
2,2-Dichloropropane	ug/L	ND	1.0	06/06/12 18:04	
2-Butanone (MEK)	ug/L	ND	5.0	06/06/12 18:04	
2-Chlorotoluene	ug/L	ND	1.0	06/06/12 18:04	
2-Hexanone	ug/L	ND	5.0	06/06/12 18:04	
4-Chlorotoluene	ug/L	ND	1.0	06/06/12 18:04	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/06/12 18:04	
Acetone	ug/L	ND	5.0	06/06/12 18:04	
Benzene	ug/L	ND	0.50	06/06/12 18:04	
Bromobenzene	ug/L	ND	1.0	06/06/12 18:04	
Bromochloromethane	ug/L	ND	1.0	06/06/12 18:04	
Bromodichloromethane	ug/L	ND	1.0	06/06/12 18:04	
Bromoform	ug/L	ND	1.0	06/06/12 18:04	
Bromomethane	ug/L	ND	1.0	06/06/12 18:04	
Carbon disulfide	ug/L	ND	1.0	06/06/12 18:04	
Carbon tetrachloride	ug/L	ND	1.0	06/06/12 18:04	
Chlorobenzene	ug/L	ND	1.0	06/06/12 18:04	
Chloroethane	ug/L	ND	1.0	06/06/12 18:04	
Chloroform	ug/L	ND	1.0	06/06/12 18:04	
Chloromethane	ug/L	ND	1.0	06/06/12 18:04	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/06/12 18:04	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

METHOD BLANK: 118041 Matrix: Water

Associated Lab Samples: 2512399001, 2512399002, 2512399003, 2512399005, 2512399006, 2512399007, 2512399008, 2512399009, 2512399011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/06/12 18:04	
Dibromochloromethane	ug/L	ND	1.0	06/06/12 18:04	
Dibromomethane	ug/L	ND	1.0	06/06/12 18:04	
Dichlorodifluoromethane	ug/L	ND	1.0	06/06/12 18:04	
Diisopropyl ether	ug/L	ND	0.50	06/06/12 18:04	
Ethanol	ug/L	ND	250	06/06/12 18:04	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/06/12 18:04	
Ethylbenzene	ug/L	ND	0.50	06/06/12 18:04	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/06/12 18:04	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/06/12 18:04	
m&p-Xylene	ug/L	ND	2.0	06/06/12 18:04	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/06/12 18:04	
Methylene chloride	ug/L	ND	5.0	06/06/12 18:04	
n-Butylbenzene	ug/L	ND	1.0	06/06/12 18:04	
n-Propylbenzene	ug/L	ND	1.0	06/06/12 18:04	
Naphthalene	ug/L	ND	1.0	06/06/12 18:04	
o-Xylene	ug/L	ND	1.0	06/06/12 18:04	
p-Isopropyltoluene	ug/L	ND	1.0	06/06/12 18:04	
sec-Butylbenzene	ug/L	ND	1.0	06/06/12 18:04	
Styrene	ug/L	ND	1.0	06/06/12 18:04	
tert-Amylmethyl ether	ug/L	ND	0.50	06/06/12 18:04	
tert-Butyl Alcohol	ug/L	ND	5.0	06/06/12 18:04	
tert-Butylbenzene	ug/L	ND	1.0	06/06/12 18:04	
Tetrachloroethene	ug/L	ND	1.0	06/06/12 18:04	
Toluene	ug/L	ND	0.50	06/06/12 18:04	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/06/12 18:04	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/06/12 18:04	
Trichloroethene	ug/L	ND	1.0	06/06/12 18:04	
Trichlorofluoromethane	ug/L	ND	1.0	06/06/12 18:04	
Vinyl chloride	ug/L	ND	1.0	06/06/12 18:04	
Xylene (Total)	ug/L	ND	1.5	06/06/12 18:04	
1,2-Dichloroethane-d4 (S)	%	91	72-127	06/06/12 18:04	
4-Bromofluorobenzene (S)	%	98	79-121	06/06/12 18:04	
Dibromofluoromethane (S)	%	100	81-119	06/06/12 18:04	
Toluene-d8 (S)	%	99	77-120	06/06/12 18:04	

LABORATORY CONTROL SAMPLE: 118042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	102	70-122	
1,1,1-Trichloroethane	ug/L	20	21.0	105	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	18.0	90	62-133	
1,1,2-Trichloroethane	ug/L	20	19.8	99	68-122	
1,1-Dichloroethane	ug/L	20	20.3	101	70-125	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

LABORATORY CONTROL SAMPLE: 118042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	20	21.6	108	69-142	
1,1-Dichloropropene	ug/L	20	22.0	110	67-129	
1,2,3-Trichlorobenzene	ug/L	20	20.2	101	60-132	
1,2,3-Trichloropropane	ug/L	20	19.0	95	65-120	
1,2,4-Trichlorobenzene	ug/L	20	20.1	101	62-127	
1,2,4-Trimethylbenzene	ug/L	20	19.8	99	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	19.5	98	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	20.5	102	65-123	
1,2-Dichlorobenzene	ug/L	20	19.0	95	71-118	
1,2-Dichloroethane	ug/L	20	18.8	94	63-131	
1,2-Dichloroethene (Total)	ug/L	40	43.3	108	73-134	
1,2-Dichloropropane	ug/L	20	20.1	100	70-125	
1,3,5-Trimethylbenzene	ug/L	20	19.5	97	70-123	
1,3-Dichlorobenzene	ug/L	20	19.2	96	72-119	
1,3-Dichloropropane	ug/L	20	19.2	96	69-122	
1,4-Dichlorobenzene	ug/L	20	18.9	94	70-116	
2,2-Dichloropropane	ug/L	20	21.7	109	52-149	
2-Butanone (MEK)	ug/L	40	44.0	110	45-155	
2-Chlorotoluene	ug/L	20	17.7	89	69-119	
2-Hexanone	ug/L	40	39.7	99	50-151	
4-Chlorotoluene	ug/L	20	19.4	97	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.0	97	61-145	
Acetone	ug/L	40	47.4	118	40-160	
Benzene	ug/L	20	18.4	92	66-123	
Bromobenzene	ug/L	20	20.2	101	68-118	
Bromochloromethane	ug/L	20	22.0	110	72-128	
Bromodichloromethane	ug/L	20	20.0	100	68-129	
Bromoform	ug/L	20	19.4	97	54-118	
Bromomethane	ug/L	20	24.7	123	43-151	
Carbon disulfide	ug/L	20	21.5	108	52-142	
Carbon tetrachloride	ug/L	20	21.9	109	67-135	
Chlorobenzene	ug/L	20	19.4	97	72-116	
Chloroethane	ug/L	20	19.3	96	48-139	
Chloroform	ug/L	20	20.3	101	71-124	
Chloromethane	ug/L	20	25.1	126	40-152	
cis-1,2-Dichloroethene	ug/L	20	21.6	108	74-133	
cis-1,3-Dichloropropene	ug/L	10	10.7	107	64-132	
Dibromochloromethane	ug/L	20	20.0	100	60-121	
Dibromomethane	ug/L	20	20.5	102	69-131	
Dichlorodifluoromethane	ug/L	20	27.2	136	40-160	
Diisopropyl ether	ug/L	20	19.3	97	70-136	
Ethanol	ug/L	800	1160	144	40-160	
Ethyl-tert-butyl ether	ug/L	20	20.6	103	65-135	
Ethylbenzene	ug/L	20	20.7	104	67-122	
Hexachloro-1,3-butadiene	ug/L	20	24.1	120	55-139	
Isopropylbenzene (Cumene)	ug/L	20	20.6	103	67-124	
m&p-Xylene	ug/L	40	42.6	107	66-122	
Methyl-tert-butyl ether	ug/L	20	20.5	103	65-138	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

LABORATORY CONTROL SAMPLE: 118042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene chloride	ug/L	20	23.9	119	58-137	
n-Butylbenzene	ug/L	20	22.3	111	68-129	
n-Propylbenzene	ug/L	20	19.7	99	66-126	
Naphthalene	ug/L	20	18.2	91	59-133	
o-Xylene	ug/L	20	20.7	103	69-123	
p-Isopropyltoluene	ug/L	20	20.0	100	69-127	
sec-Butylbenzene	ug/L	20	20.8	104	68-129	
Styrene	ug/L	20	20.0	100	72-125	
tert-Amylmethyl ether	ug/L	20	20.5	103	68-138	
tert-Butyl Alcohol	ug/L	100	119	119	57-153	
tert-Butylbenzene	ug/L	20	19.9	99	58-120	
Tetrachloroethene	ug/L	20	22.2	111	40-115	
Toluene	ug/L	20	19.6	98	64-118	
trans-1,2-Dichloroethene	ug/L	20	21.7	108	70-134	
trans-1,3-Dichloropropene	ug/L	10	8.5	85	52-115	
Trichloroethene	ug/L	20	21.2	106	69-125	
Trichlorofluoromethane	ug/L	20	23.1	115	57-155	
Vinyl chloride	ug/L	20	24.9	125	53-132	
Xylene (Total)	ug/L	60	63.3	105	68-122	
1,2-Dichloroethane-d4 (S)	%			91	72-127	
4-Bromofluorobenzene (S)	%			86	79-121	
Dibromofluoromethane (S)	%			103	81-119	
Toluene-d8 (S)	%			98	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118250 118251

Parameter	Units	2512399003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.3	21.9	106	109	67-132	3	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.4	22.2	107	111	67-145	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.9	19.0	89	95	65-135	6	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.6	20.9	103	104	67-126	1	
1,1-Dichloroethane	ug/L	ND	20	20	21.1	22.0	105	110	69-138	4	
1,1-Dichloroethene	ug/L	ND	20	20	22.1	23.9	110	119	68-160	8	
1,1-Dichloropropene	ug/L	ND	20	20	23.2	24.2	116	121	68-145	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	27.8	131	139	57-131	6	M1
1,2,3-Trichloropropane	ug/L	ND	20	20	18.6	19.8	93	99	61-123	6	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	26.5	28.5	132	143	58-130	7	M1
1,2,4-Trimethylbenzene	ug/L	2.6	20	20	23.1	23.9	102	107	60-136	4	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	29.5	32.1	147	161	48-127	8	M1
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.0	21.7	105	109	61-127	3	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.0	21.1	100	106	67-126	5	
1,2-Dichloroethane	ug/L	ND	20	20	28.4	29.7	142	148	60-138	4	M1
1,2-Dichloroethene (Total)	ug/L	17.8	40	40	63.5	66.3	114	121	70-146	4	
1,2-Dichloropropane	ug/L	ND	20	20	20.6	21.3	103	106	67-138	3	
1,3,5-Trimethylbenzene	ug/L	1.4	20	20	22.0	22.9	103	107	64-135	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.7	21.4	103	107	69-128	3	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118250 118251

Parameter	Units	2512399003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,3-Dichloropropane	ug/L	ND	20	20	20.3	20.5	101	102	65-128	1	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	66-124	4	
2,2-Dichloropropane	ug/L	ND	20	20	23.2	24.3	116	121	46-160	4	
2-Butanone (MEK)	ug/L	ND	40	40	45.7	47.0	107	111	40-140	3	
2-Chlorotoluene	ug/L	ND	20	20	19.0	19.5	95	98	67-129	3	
2-Hexanone	ug/L	ND	40	40	42.4	44.2	106	110	42-141	4	
4-Chlorotoluene	ug/L	ND	20	20	20.3	21.4	102	107	67-133	5	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	38.9	41.6	97	104	54-151	7	
Acetone	ug/L	131	40	40	49.8	182	-203	128	40-155	114	D6,M1
Benzene	ug/L	321	20	20	339	356	89	178	63-138	5	E,M1
Bromobenzene	ug/L	ND	20	20	20.7	21.6	104	108	64-127	4	
Bromochloromethane	ug/L	ND	20	20	22.0	23.7	110	118	66-136	7	
Bromodichloromethane	ug/L	ND	20	20	20.3	21.0	101	105	65-138	3	
Bromoform	ug/L	ND	20	20	19.0	19.7	95	99	51-119	4	
Bromomethane	ug/L	ND	20	20	20.7	22.4	103	112	40-158	8	
Carbon disulfide	ug/L	ND	20	20	22.4	23.9	112	119	56-158	7	
Carbon tetrachloride	ug/L	ND	20	20	22.7	23.6	113	118	66-152	4	
Chlorobenzene	ug/L	ND	20	20	20.9	21.1	104	106	68-128	1	
Chloroethane	ug/L	ND	20	20	17.2	18.5	86	92	49-154	7	
Chloroform	ug/L	ND	20	20	21.6	22.6	103	108	69-137	5	
Chloromethane	ug/L	ND	20	20	19.5	20.9	98	104	40-160	7	
cis-1,2-Dichloroethene	ug/L	17.5	20	20	40.8	42.8	117	127	69-147	5	
cis-1,3-Dichloropropene	ug/L	ND	10	10	10.8	11.3	108	113	60-141	4	
Dibromochloromethane	ug/L	ND	20	20	21.1	21.4	105	107	56-125	2	
Dibromomethane	ug/L	ND	20	20	20.4	21.3	102	106	63-137	4	
Dichlorodifluoromethane	ug/L	ND	20	20	22.2	24.1	111	121	40-160	8	
Diisopropyl ether	ug/L	ND	20	20	19.3	20.2	97	101	68-146	5	
Ethanol	ug/L	ND	800	800	1050	1200	132	149	40-160	13	
Ethyl-tert-butyl ether	ug/L	ND	20	20	20.3	21.7	102	109	63-138	6	
Ethylbenzene	ug/L	2.7	20	20	25.3	25.5	113	114	65-135	.6	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.9	28.2	135	141	50-149	5	
Isopropylbenzene (Cumene)	ug/L	4.4	20	20	27.0	27.8	113	117	64-137	3	
m&p-Xylene	ug/L	5.1	40	40	50.5	51.4	114	116	63-134	2	
Methyl-tert-butyl ether	ug/L	90.8	20	20	108	116	88	124	59-143	6	
Methylene chloride	ug/L	ND	20	20	21.1	21.9	105	110	52-133	4	
n-Butylbenzene	ug/L	2.3	20	20	27.7	29.1	127	134	65-143	5	
n-Propylbenzene	ug/L	2.9	20	20	24.3	25.4	107	112	64-141	4	
Naphthalene	ug/L	37.3	20	20	61.2	70.0	119	163	48-141	13	M1
o-Xylene	ug/L	1.6	20	20	23.6	24.1	110	113	68-131	2	
p-Isopropyltoluene	ug/L	ND	20	20	22.1	22.8	110	114	69-137	3	
sec-Butylbenzene	ug/L	4.0	20	20	26.4	27.5	112	118	69-139	4	
Styrene	ug/L	ND	20	20	21.4	22.1	107	110	67-135	3	
tert-Amylmethyl ether	ug/L	ND	20	20	21.0	22.4	104	111	62-142	7	
tert-Butyl Alcohol	ug/L	45.3	100	100	153	169	108	124	46-156	10	
tert-Butylbenzene	ug/L	ND	20	20	20.9	21.9	105	110	61-129	5	
Tetrachloroethene	ug/L	189	20	20	219	228	151	192	40-122	4	E,M1
Toluene	ug/L	0.75	20	20	22.4	22.6	108	109	64-128	.8	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118250 118251

Parameter	Units	2512399003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.7	23.5	112	116	66-150	4	
trans-1,3-Dichloropropene	ug/L	ND	10	10	9.0	9.6	90	96	51-116	7	
Trichloroethene	ug/L	19.4	20	20	41.7	43.4	112	120	68-135	4	
Trichlorofluoromethane	ug/L	ND	20	20	21.4	22.6	107	113	54-160	6	
Vinyl chloride	ug/L	1.2	20	20	23.2	24.7	110	117	45-155	6	
Xylene (Total)	ug/L	6.7	60	60	74.2	75.5	113	115	65-133	2	
1,2-Dichloroethane-d4 (S)	%						86	88	72-127		
4-Bromofluorobenzene (S)	%						84	84	79-121		
Dibromofluoromethane (S)	%						100	102	81-119		
Toluene-d8 (S)	%						100	99	77-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

QC Batch: MSV/7179 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2512399004, 2512399009

METHOD BLANK: 118276 Matrix: Water
Associated Lab Samples: 2512399004, 2512399009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/08/12 12:35	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/08/12 12:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/08/12 12:35	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/08/12 12:35	
1,1-Dichloroethane	ug/L	ND	1.0	06/08/12 12:35	
1,1-Dichloroethene	ug/L	ND	1.0	06/08/12 12:35	
1,1-Dichloropropene	ug/L	ND	1.0	06/08/12 12:35	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/08/12 12:35	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/08/12 12:35	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/08/12 12:35	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/08/12 12:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/08/12 12:35	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/08/12 12:35	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/08/12 12:35	
1,2-Dichloroethane	ug/L	ND	1.0	06/08/12 12:35	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	06/08/12 12:35	
1,2-Dichloropropane	ug/L	ND	1.0	06/08/12 12:35	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/08/12 12:35	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/08/12 12:35	
1,3-Dichloropropane	ug/L	ND	1.0	06/08/12 12:35	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/08/12 12:35	
2,2-Dichloropropane	ug/L	ND	1.0	06/08/12 12:35	
2-Butanone (MEK)	ug/L	ND	5.0	06/08/12 12:35	
2-Chlorotoluene	ug/L	ND	1.0	06/08/12 12:35	
2-Hexanone	ug/L	ND	5.0	06/08/12 12:35	
4-Chlorotoluene	ug/L	ND	1.0	06/08/12 12:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/08/12 12:35	
Acetone	ug/L	ND	5.0	06/08/12 12:35	
Benzene	ug/L	ND	0.50	06/08/12 12:35	
Bromobenzene	ug/L	ND	1.0	06/08/12 12:35	
Bromochloromethane	ug/L	ND	1.0	06/08/12 12:35	
Bromodichloromethane	ug/L	ND	1.0	06/08/12 12:35	
Bromoform	ug/L	ND	1.0	06/08/12 12:35	
Bromomethane	ug/L	ND	1.0	06/08/12 12:35	
Carbon disulfide	ug/L	ND	1.0	06/08/12 12:35	
Carbon tetrachloride	ug/L	ND	1.0	06/08/12 12:35	
Chlorobenzene	ug/L	ND	1.0	06/08/12 12:35	
Chloroethane	ug/L	ND	1.0	06/08/12 12:35	
Chloroform	ug/L	ND	1.0	06/08/12 12:35	
Chloromethane	ug/L	ND	1.0	06/08/12 12:35	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/08/12 12:35	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/08/12 12:35	
Dibromochloromethane	ug/L	ND	1.0	06/08/12 12:35	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

METHOD BLANK: 118276 Matrix: Water

Associated Lab Samples: 2512399004, 2512399009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/08/12 12:35	
Dichlorodifluoromethane	ug/L	ND	1.0	06/08/12 12:35	
Diisopropyl ether	ug/L	ND	0.50	06/08/12 12:35	
Ethanol	ug/L	ND	250	06/08/12 12:35	
Ethyl-tert-butyl ether	ug/L	ND	0.50	06/08/12 12:35	
Ethylbenzene	ug/L	ND	0.50	06/08/12 12:35	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/08/12 12:35	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/08/12 12:35	
m&p-Xylene	ug/L	ND	2.0	06/08/12 12:35	
Methyl-tert-butyl ether	ug/L	ND	0.50	06/08/12 12:35	
Methylene chloride	ug/L	ND	5.0	06/08/12 12:35	
n-Butylbenzene	ug/L	ND	1.0	06/08/12 12:35	
n-Propylbenzene	ug/L	ND	1.0	06/08/12 12:35	
Naphthalene	ug/L	ND	1.0	06/08/12 12:35	
o-Xylene	ug/L	ND	1.0	06/08/12 12:35	
p-Isopropyltoluene	ug/L	ND	1.0	06/08/12 12:35	
sec-Butylbenzene	ug/L	ND	1.0	06/08/12 12:35	
Styrene	ug/L	ND	1.0	06/08/12 12:35	
tert-Amylmethyl ether	ug/L	ND	0.50	06/08/12 12:35	
tert-Butyl Alcohol	ug/L	ND	5.0	06/08/12 12:35	
tert-Butylbenzene	ug/L	ND	1.0	06/08/12 12:35	
Tetrachloroethene	ug/L	ND	1.0	06/08/12 12:35	
Toluene	ug/L	ND	0.50	06/08/12 12:35	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/08/12 12:35	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/08/12 12:35	
Trichloroethene	ug/L	ND	1.0	06/08/12 12:35	
Trichlorofluoromethane	ug/L	ND	1.0	06/08/12 12:35	
Vinyl chloride	ug/L	ND	1.0	06/08/12 12:35	
Xylene (Total)	ug/L	ND	1.5	06/08/12 12:35	
1,2-Dichloroethane-d4 (S)	%	88	72-127	06/08/12 12:35	
4-Bromofluorobenzene (S)	%	94	79-121	06/08/12 12:35	
Dibromofluoromethane (S)	%	100	81-119	06/08/12 12:35	
Toluene-d8 (S)	%	100	77-120	06/08/12 12:35	

LABORATORY CONTROL SAMPLE: 118277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.8	99	70-122	
1,1,1-Trichloroethane	ug/L	20	19.6	98	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	16.8	84	62-133	
1,1,2-Trichloroethane	ug/L	20	19.5	98	68-122	
1,1-Dichloroethane	ug/L	20	19.0	95	70-125	
1,1-Dichloroethene	ug/L	20	20.4	102	69-142	
1,1-Dichloropropene	ug/L	20	20.8	104	67-129	
1,2,3-Trichlorobenzene	ug/L	20	19.1	95	60-132	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

LABORATORY CONTROL SAMPLE: 118277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	18.3	92	65-120	
1,2,4-Trichlorobenzene	ug/L	20	19.2	96	62-127	
1,2,4-Trimethylbenzene	ug/L	20	18.3	92	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	19.4	97	55-118	
1,2-Dibromoethane (EDB)	ug/L	20	19.8	99	65-123	
1,2-Dichlorobenzene	ug/L	20	17.8	89	71-118	
1,2-Dichloroethane	ug/L	20	17.2	86	63-131	
1,2-Dichloroethene (Total)	ug/L	40	40.4	101	73-134	
1,2-Dichloropropane	ug/L	20	18.6	93	70-125	
1,3,5-Trimethylbenzene	ug/L	20	18.0	90	70-123	
1,3-Dichlorobenzene	ug/L	20	18.1	91	72-119	
1,3-Dichloropropane	ug/L	20	18.6	93	69-122	
1,4-Dichlorobenzene	ug/L	20	17.9	89	70-116	
2,2-Dichloropropane	ug/L	20	20.1	101	52-149	
2-Butanone (MEK)	ug/L	40	40.1	100	45-155	
2-Chlorotoluene	ug/L	20	16.4	82	69-119	
2-Hexanone	ug/L	40	39.6	99	50-151	
4-Chlorotoluene	ug/L	20	17.9	89	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	38.2	96	61-145	
Acetone	ug/L	40	45.1	113	40-160	
Benzene	ug/L	20	17.2	86	66-123	
Bromobenzene	ug/L	20	18.9	95	68-118	
Bromochloromethane	ug/L	20	20.8	104	72-128	
Bromodichloromethane	ug/L	20	19.1	95	68-129	
Bromoform	ug/L	20	19.2	96	54-118	
Bromomethane	ug/L	20	21.0	105	43-151	
Carbon disulfide	ug/L	20	20.3	102	52-142	
Carbon tetrachloride	ug/L	20	20.8	104	67-135	
Chlorobenzene	ug/L	20	18.4	92	72-116	
Chloroethane	ug/L	20	17.6	88	48-139	
Chloroform	ug/L	20	18.9	95	71-124	
Chloromethane	ug/L	20	22.2	111	40-152	
cis-1,2-Dichloroethene	ug/L	20	20.5	102	74-133	
cis-1,3-Dichloropropene	ug/L	10	10.2	102	64-132	
Dibromochloromethane	ug/L	20	19.5	98	60-121	
Dibromomethane	ug/L	20	19.6	98	69-131	
Dichlorodifluoromethane	ug/L	20	23.5	118	40-160	
Diisopropyl ether	ug/L	20	18.0	90	70-136	
Ethanol	ug/L	800	1170	147	40-160	CH
Ethyl-tert-butyl ether	ug/L	20	18.8	94	65-135	
Ethylbenzene	ug/L	20	19.9	99	67-122	
Hexachloro-1,3-butadiene	ug/L	20	22.4	112	55-139	
Isopropylbenzene (Cumene)	ug/L	20	19.9	100	67-124	
m&p-Xylene	ug/L	40	40.9	102	66-122	
Methyl-tert-butyl ether	ug/L	20	19.5	97	65-138	
Methylene chloride	ug/L	20	21.2	106	58-137	
n-Butylbenzene	ug/L	20	20.4	102	68-129	
n-Propylbenzene	ug/L	20	18.2	91	66-126	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

LABORATORY CONTROL SAMPLE: 118277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	20	17.0	85	59-133	
o-Xylene	ug/L	20	20.0	100	69-123	
p-Isopropyltoluene	ug/L	20	18.8	94	69-127	
sec-Butylbenzene	ug/L	20	19.1	96	68-129	
Styrene	ug/L	20	19.3	97	72-125	
tert-Amylmethyl ether	ug/L	20	18.4	92	68-138	
tert-Butyl Alcohol	ug/L	100	129	129	57-153	
tert-Butylbenzene	ug/L	20	18.4	92	58-120	
Tetrachloroethene	ug/L	20	21.1	106	40-115	
Toluene	ug/L	20	19.1	95	64-118	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	70-134	
trans-1,3-Dichloropropene	ug/L	10	8.7	87	52-115	
Trichloroethene	ug/L	20	19.9	99	69-125	
Trichlorofluoromethane	ug/L	20	21.2	106	57-155	
Vinyl chloride	ug/L	20	22.7	113	53-132	
Xylene (Total)	ug/L	60	60.9	101	68-122	
1,2-Dichloroethane-d4 (S)	%			91	72-127	
4-Bromofluorobenzene (S)	%			83	79-121	
Dibromofluoromethane (S)	%			101	81-119	
Toluene-d8 (S)	%			98	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118549 118550

Parameter	Units	2512483001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.2	18.6	106	93	67-132	13	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.5	18.8	108	94	67-145	14	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.0	15.4	85	77	65-135	10	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	18.7	104	94	67-126	11	
1,1-Dichloroethane	ug/L	ND	20	20	20.6	18.3	103	92	69-138	12	
1,1-Dichloroethene	ug/L	ND	20	20	22.5	20.3	113	102	68-160	10	
1,1-Dichloropropene	ug/L	ND	20	20	22.9	20.1	115	101	68-145	13	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	34.5	29.8	173	149	57-131	14	M1
1,2,3-Trichloropropane	ug/L	ND	20	20	17.8	16.4	89	82	61-123	8	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	34.2	30.0	171	150	58-130	13	M1
1,2,4-Trimethylbenzene	ug/L	1.2	20	20	20.8	18.8	98	88	60-136	10	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	82.0	82.3	410	412	48-127	.4	M1
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.8	17.9	104	90	61-127	15	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	18.5	102	92	67-126	10	
1,2-Dichloroethane	ug/L	ND	20	20	18.5	16.0	93	80	60-138	15	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	43.9	39.0	110	98	70-146	12	
1,2-Dichloropropane	ug/L	ND	20	20	20.4	17.6	102	88	67-138	15	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.5	17.5	96	86	64-135	11	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	17.9	99	90	69-128	10	
1,3-Dichloropropane	ug/L	ND	20	20	19.5	17.7	97	89	65-128	9	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	17.6	98	88	66-124	11	
2,2-Dichloropropane	ug/L	ND	20	20	22.9	20.2	115	101	46-160	13	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118549 118550

Parameter	Units	2512483001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2-Butanone (MEK)	ug/L	ND	40	40	42.9	38.3	107	96	40-140	11	
2-Chlorotoluene	ug/L	ND	20	20	17.3	16.0	87	80	67-129	8	
2-Hexanone	ug/L	ND	40	40	45.2	39.8	113	99	42-141	13	
4-Chlorotoluene	ug/L	ND	20	20	19.5	17.6	97	88	67-133	10	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40.6	36.1	101	90	54-151	12	
Acetone	ug/L	ND	40	40	48.1	40.2	120	101	40-155	18	
Benzene	ug/L	ND	20	20	18.5	16.4	92	82	63-138	12	
Bromobenzene	ug/L	ND	20	20	19.5	17.9	97	90	64-127	8	
Bromochloromethane	ug/L	ND	20	20	22.3	19.4	111	97	66-136	14	
Bromodichloromethane	ug/L	ND	20	20	20.3	17.8	102	89	65-138	13	
Bromoform	ug/L	ND	20	20	19.8	17.6	99	88	51-119	12	
Bromomethane	ug/L	ND	20	20	30.0	22.6	150	113	40-158	28	D6
Carbon disulfide	ug/L	ND	20	20	22.8	19.9	114	99	56-158	14	
Carbon tetrachloride	ug/L	ND	20	20	22.8	19.9	114	100	66-152	13	
Chlorobenzene	ug/L	ND	20	20	20.0	18.0	100	90	68-128	10	
Chloroethane	ug/L	ND	20	20	24.4	19.6	122	98	49-154	21	
Chloroform	ug/L	ND	20	20	20.9	18.0	105	90	69-137	15	
Chloromethane	ug/L	ND	20	20	28.0	21.0	139	104	40-160	28	D6
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.0	19.7	110	98	69-147	11	
cis-1,3-Dichloropropene	ug/L	ND	10	10	10.8	9.7	108	97	60-141	11	
Dibromochloromethane	ug/L	ND	20	20	20.5	18.4	103	92	56-125	11	
Dibromomethane	ug/L	ND	20	20	20.3	17.8	101	89	63-137	13	
Dichlorodifluoromethane	ug/L	ND	20	20	26.5	20.3	132	101	40-160	27	D6
Diisopropyl ether	ug/L	ND	20	20	19.1	17.0	95	85	68-146	11	
Ethanol	ug/L	ND	800	800	1090	1080	136	135	40-160	.6	CH
Ethyl-tert-butyl ether	ug/L	ND	20	20	20.1	18.0	100	90	63-138	11	
Ethylbenzene	ug/L	0.66	20	20	22.2	19.9	108	96	65-135	11	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	32.7	27.2	163	136	50-149	18	M1
Isopropylbenzene (Cumene)	ug/L	12.2	20	20	35.0	32.2	114	100	64-137	8	
m&p-Xylene	ug/L		40	40	46.4	41.4	111	99	63-134	11	
Methyl-tert-butyl ether	ug/L	4.6	20	20	24.7	23.0	101	92	59-143	7	
Methylene chloride	ug/L	ND	20	20	20.9	18.0	105	90	52-133	15	
n-Butylbenzene	ug/L	13.9	20	20	43.4	40.8	148	135	65-143	6	M1
n-Propylbenzene	ug/L	21.4	20	20	39.8	38.1	92	84	64-141	4	
Naphthalene	ug/L	5.9	20	20	37.0	33.4	155	138	48-141	10	M1
o-Xylene	ug/L		20	20	22.4	20.1	108	97	68-131	11	
p-Isopropyltoluene	ug/L	ND	20	20	21.7	19.0	108	95	69-137	13	
sec-Butylbenzene	ug/L	9.1	20	20	30.0	27.5	104	92	69-139	9	
Styrene	ug/L	ND	20	20	21.3	19.0	106	95	67-135	11	
tert-Amylmethyl ether	ug/L	ND	20	20	20.0	17.7	100	88	62-142	12	
tert-Butyl Alcohol	ug/L	2100	100	100	1210	1220	-889	-877	46-156	1	E,M1
tert-Butylbenzene	ug/L	ND	20	20	20.0	17.9	99	88	61-129	11	
Tetrachloroethene	ug/L	ND	20	20	22.9	21.1	114	105	40-122	9	
Toluene	ug/L	ND	20	20	20.4	18.7	102	93	64-128	9	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	19.4	109	97	66-150	12	
trans-1,3-Dichloropropene	ug/L	ND	10	10	8.9	7.6	89	76	51-116	15	
Trichloroethene	ug/L	ND	20	20	21.4	18.9	107	94	68-135	13	

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118549 118550

Parameter	Units	2512483001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Trichlorofluoromethane	ug/L	ND	20	20	28.0	21.5	140	108	54-160	26	D6
Vinyl chloride	ug/L	ND	20	20	30.0	22.3	150	112	45-155	29	D6
Xylene (Total)	ug/L	2.6	60	60	68.8	61.5	110	98	65-133	11	
1,2-Dichloroethane-d4 (S)	%						89	87	72-127		
4-Bromofluorobenzene (S)	%						79	81	79-121		
Dibromofluoromethane (S)	%						99	101	81-119		
Toluene-d8 (S)	%						98	99	77-120		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

QC Batch: MSV/7143 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 2512399010

METHOD BLANK: 117831 Matrix: Water
Associated Lab Samples: 2512399010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/05/12 14:24	
4-Bromofluorobenzene (S)	%	94	76-121	06/05/12 14:24	

LABORATORY CONTROL SAMPLE: 117832

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	539	108	57-139	
4-Bromofluorobenzene (S)	%			90	76-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118145 118146

Parameter	Units	2512455001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	98.3	500	500	595	591	99	98	40-150	.6	
4-Bromofluorobenzene (S)	%						87	90	76-121		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

QC Batch: MSV/7161 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 2512399001, 2512399003, 2512399006, 2512399008

METHOD BLANK: 118050 Matrix: Water
Associated Lab Samples: 2512399001, 2512399003, 2512399006, 2512399008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/06/12 18:04	
4-Bromofluorobenzene (S)	%	98	76-121	06/06/12 18:04	

LABORATORY CONTROL SAMPLE: 118051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	562	112	57-139	
4-Bromofluorobenzene (S)	%			91	76-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118266 118267

Parameter	Units	2512487001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	97.4	500	500	645	658	110	112	40-150	2	
4-Bromofluorobenzene (S)	%						91	92	76-121		

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QUALITY CONTROL DATA

Project: 256390
Pace Project No.: 2512399

QC Batch: MSV/7180 Analysis Method: CA LUFT
QC Batch Method: CA LUFT Analysis Description: CA LUFT MSV GRO
Associated Lab Samples: 2512399002, 2512399004, 2512399005, 2512399007, 2512399009, 2512399011

METHOD BLANK: 118278 Matrix: Water
Associated Lab Samples: 2512399002, 2512399004, 2512399005, 2512399007, 2512399009, 2512399011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	ND	50.0	06/08/12 11:28	
4-Bromofluorobenzene (S)	%	93	76-121	06/08/12 11:28	

LABORATORY CONTROL SAMPLE: 118279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-Gasoline (C05-C12)	ug/L	500	555	111	57-139	
4-Bromofluorobenzene (S)	%			93	76-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 118629 118630

Parameter	Units	2512483005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
TPH-Gasoline (C05-C12)	ug/L	66.3	500	500	731	640	133	115	40-150	13	
4-Bromofluorobenzene (S)	%						89	87	76-121		

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Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALIFIERS

Project: 256390
Pace Project No.: 2512399

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S	Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 256390
Pace Project No.: 2512399

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2512399001	**MW-10R_20120530**	EPA 5030B/8260	MSV/7142		
2512399001	**MW-10R_20120530**	EPA 5030B/8260	MSV/7157		
2512399002	**MW-11_20120530**	EPA 5030B/8260	MSV/7157		
2512399003	**MW-13B_20120530**	EPA 5030B/8260	MSV/7157		
2512399004	**MW-14B_20120530**	EPA 5030B/8260	MSV/7179		
2512399005	**MW-4_20120530**	EPA 5030B/8260	MSV/7157		
2512399006	**MW-6_20120530**	EPA 5030B/8260	MSV/7142		
2512399006	**MW-6_20120530**	EPA 5030B/8260	MSV/7157		
2512399007	**MW-7_20120530**	EPA 5030B/8260	MSV/7157		
2512399008	**MW-18_20120530**	EPA 5030B/8260	MSV/7142		
2512399008	**MW-18_20120530**	EPA 5030B/8260	MSV/7157		
2512399009	**MW-19_20120530**	EPA 5030B/8260	MSV/7157		
2512399009	**MW-19_20120530**	EPA 5030B/8260	MSV/7179		
2512399010	**TB1_20120530**	EPA 5030B/8260	MSV/7142		
2512399011	**FD1_20120530**	EPA 5030B/8260	MSV/7142		
2512399011	**FD1_20120530**	EPA 5030B/8260	MSV/7157		
2512399001	**MW-10R_20120530**	CA LUFT	MSV/7161		
2512399002	**MW-11_20120530**	CA LUFT	MSV/7180		
2512399003	**MW-13B_20120530**	CA LUFT	MSV/7161		
2512399004	**MW-14B_20120530**	CA LUFT	MSV/7180		
2512399005	**MW-4_20120530**	CA LUFT	MSV/7180		
2512399006	**MW-6_20120530**	CA LUFT	MSV/7161		
2512399007	**MW-7_20120530**	CA LUFT	MSV/7180		
2512399008	**MW-18_20120530**	CA LUFT	MSV/7161		
2512399009	**MW-19_20120530**	CA LUFT	MSV/7180		
2512399010	**TB1_20120530**	CA LUFT	MSV/7143		
2512399011	**FD1_20120530**	CA LUFT	MSV/7180		

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anteagroup

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

2512399

Required Lab Information:

Lab Name:	Pace-Seattle
Address:	940 S. Harney Street Seattle WA 98108
Lab PM:	Regina Ste. Marie
Phone/Fax:	P: 206-957-2433 F: 208-767-5063
Lab PM email	Regina.SteMarie@pacelabs.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	256390
Task:	WG_Q_201205
AnteaGrp proj#	
Site Address	402 DELAWARE ST
City	SAN MATEO
State	CA 94402
AG PM Name:	Doug Umland
Phone/Fax:	P: 1-800-477-7411 F: 408-225-8506
AG PM Email:	doug.umland@anteagroup.com

Required Invoice Information:

Send Invoice to:	Tara Bosch
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	1-800-477-7411
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	copeltdata@intelligentehs.com
CC Hardcopy report to	dan.keltner@anteagroup.com
CC Hardcopy report to	

Turn around time (days)	10
QC level Required: Standard	Special — Mark one
NJ Reduced Deliverable Package?	
MA MCP Cert?	CT RCP Cert? — Mark One
Lab Project ID (lab use)	

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL OL; WIPE SW; AMBIENT AIR AA; SOIL GAS GS; WATER W; SURFACE WATER WS; WATER QC WQ; SLUDGE SL; RINSEATE WR; OTHER OT; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GCMS GRO	8260BtexMTBETOHCA	8260VOC+Fuels	Comments/Lab Sample I.D.
1	MW-10R_20120530	WG		5/30/12	1140	6	N				X					x	x	x	
2	MW-11_20120530	WG			1450	6	N				X					x	x	x	
3	MW-13B_20120530	WG			1320	6	N				X					x	x	x	
4	MW-14B_20120530	WG			1015	10	N				X					x	x	x	
5	MW-4_20120530	WG			1040	6	N				X					x	x	x	
6	MW-6_20120530	WG			1425	6	N				X					x	x	x	
7	MW-7_20120530	WG			1245	6	N				X					x	x	x	
8	MW-18_20120530	WG			1355	6	N				X					x	x	x	
9	MW-19_20120530	WG			1105	6	N				X					x	x	x	
10	TB1_20120530	W			0630	4	N				X					x	x	x	
11	FD1_20120530	W			1430	6	N				X					x	x	x	
12																			

Additional Comments/Special Instructions:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] BTS	5/31/12	1530	[signature]	5/31/12	1030

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
2.1	(Y) N	(Y) N	(Y) N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) — UPS COURIER (FEDEX) US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: COREY KILPATRICK

SIGNATURE of SAMPLER: [signature] DATE Signed: 5/30/12 Time: 1455

Inogen Environmental Alliance

Sample Container Count

CLIENT: COP Antea

2512399

COC PAGE 1 of 1

COC ID# _____

Trip Blank(s) Provided? (Y) / N

Pace Analytical

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG				Comments
1	6																		
2	↓																		
3	↓																		
4	10																		
5	6																		
6	↓																		
7	↓																		
8	↓																		
9	↓																		
10	4																		
11	6																		
12																			

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can

Sample Condition Upon Receipt

Pace Analytical

Client Name: COP Antea Project # 2512399

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 8003 6842 5753

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____ Temp. Blank Yes ____ No ____

Thermometer Used 132013 or 01731962 or 226099 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.1 Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C

Date and Initials of person examining contents: 5/31/12 hy

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A
Follow Up / Hold Analysis Requested:	☐Yes	☐No	☑N/A
Sufficient Volume:	☑Yes	☐No	☐N/A
Correct Containers Used:	☑Yes	☐No	☐N/A
-Pace Containers Used:	☑Yes	☐No	☐N/A
Containers Intact:	☑Yes	☐No	☐N/A
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A
Sample Labels match COC:	☑Yes	☐No	☐N/A
-Includes date/time/ID/Analysis Matrix: WT			
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A
Exceptions: VOA, coliform, TOC, O&G	☐Yes	☐No	☐N/A
Samples checked for dechlorination:	☐Yes	☐No	☑N/A
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A
Trip Blanks Present:	☑Yes	☐No	☐N/A
Trip Blank Custody Seals Present	☐Yes	☑No	☐N/A
Pace Trip Blank Creation Date:			

1.	
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4.	
5.	
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7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
Initial when completed ✓	Lot # of added preservative
15.	
16.	
17.	

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Karen Jang **Date:** 05/31/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Additional Soil and Groundwater Investigation Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

San Mateo County Groundwater Protection Program, Case No. 110069

Antea Group Project No. I40256390
July 17, 2013

Prepared for:
Deno Milano
San Mateo County Health System
Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94404

Prepared by:
Antea®Group
1155 N. First Street, Suite 201
San Jose, CA 95112
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Appendices

Appendix A	Agency Correspondence
Appendix B	Site Details and Summary of Previous Investigations
Appendix C	Standard Operating Procedures
Appendix D	Permits
Appendix E	Boring Logs
Appendix F	Blaine Tech Services Standard Operating Procedures
Appendix G	Well Sampling and Development Logs
Appendix H	Well Surveyors Report
Appendix I	Laboratory Analytical Reports with Chain-of-Custody Documentation
Appendix J	Non Hazardous Waste Manifest

Additional Soil and Groundwater Investigation Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

1.0 INTRODUCTION

Antea®Group has prepared this *Additional Soil and Groundwater Investigation Report* for the 76 Service Station located at 402 South Delaware Street in San Mateo (the site, **Figure 1**). This investigation was originally proposed in Antea Group's *Additional Groundwater and Vapor Investigation Work Plan* dated September 7, 2012, which was conditionally approved in a letter dated January 29, 2013 from the San Mateo County Groundwater Protection Program (GPP) (**Appendix A**). This report documents the following:

- Installation of five additional groundwater monitoring wells (MW-20 through MW-24);
- Advancement of soil boring SB-10 (added to the work scope by Antea Group to analyze for the presence of naphthalene, and approved by GPP in email correspondence dated May 22, 2013);
- Advancement of soil boring SB-11 (adjacent to final location of well MW-24);
- Destruction of well MW-11 (recommended by GPP in email correspondence dated February 21, 2013).

The purpose of the investigation was to evaluate potential site source contribution to the regional tetrachloroethane (PCE) plume, optimize offsite well screening, abandon a dry well, and gather naphthalene data in support of State Water Resources Control Board Resolution No. 2012-0016 (SB 2012-0016).

A vapor study proposed by Antea Group in the September 7, 2012 work plan has been modified per GPP recommendations (**Appendix A**), and will be reported under separate cover by May 30, 2014 following installation of four vapor probes and two seasonal sampling events.

1.1 Site Description

The site is currently occupied by an active 76 Service Station, located on the south corner at the intersection of East Fourth Avenue and South Delaware Street in San Mateo, California. The station is located approximately one mile west of San Francisco Bay at an elevation of approximately 20 feet above mean sea level (**Figure 1**). The site facilities currently include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (**Figure 2**). The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. Please refer to **Appendix B** for a complete summary of the site location, geologic setting, and environmental history.

2.0 INVESTIGATION ACTIVITIES

On March 14 and 15, 2013, Gregg Drilling and Testing Inc. (Gregg Drilling), under the supervision of Antea Group, installed wells MW-20 and MW-21 in South Delaware Street and East Fifth Avenue, advanced boring SB-11 in East Fifth Avenue, and destroyed well MW-11 (**Figure 2**).

Due to delays in obtaining an access agreements/permit signatures for the installation of wells MW-22 and MW-23 and boring SB-10, these locations and well MW-24 were installed between June 25 and 29, 2013. Standard operating procedures (SOPs) for soil boring advancement, soil and groundwater sample collection and well installation are provided as **Appendix C**.

2.1 Pre Field Activities

Prior to initiation of field activities, Antea Group produced a Health and Safety Plan (HASP) in accordance with Title 8, Section 5192 of the California Code of Regulations. The HASP was reviewed daily by field personnel. Antea Group obtained all necessary subsurface drilling and encroachment permits from the GPP and the City of San Mateo (**Appendix D**). Antea Group pre-marked the site and drilling locations, contacted the Underground Service Alert (USA), and employed a private locator to clear each drilling location for subsurface obstructions and hazards. Borehole clearance activities were carried out as outlined in **Appendix C.**

2.2 Soil Borings

SB-11 was not completed as well MW-24, as groundwater was not encountered at 21 feet below ground surface (bgs) during advancement of the pilot borehole, and only seven inches of water were observed when the boring was advanced to 31 feet bgs. Antea Group collected a grab groundwater sample from 31 feet bgs and a field decision was made not to install MW-24; based on a later request by the GPP, Antea Group installed MW-24 adjacent to SB-11 during a second field mobilization (see **Section 2.3**).

Soil boring SB-10 was advanced using a hand auger to approximately 9.0 feet bgs, at which depth refusal was met due to the presence of rock wider than the borehole diameter.

2.3 Well Installations

Borings for wells were initially advanced using direct push soil sampling equipment for the purpose of lithologic descriptions and soil sample collection, and then overdrilled using 8-inch hollow stem auger drilling equipment, as described in **Appendix C**. Soil boring and monitoring well construction details are included in **Table 1**.

Wells MW-20, MW-21, MW-22 and MW-24 were screened from 6 to 21 feet bgs; well MW-23 was screened from 21 to 31 feet bgs. Well construction diagrams including annulus materials are presented on boring logs included as **Appendix E**.

Antea Group attempted to install MW-23 on June 26, 2013, initially; however a layer of coarse angular gravel was encountered at approximately 6 feet bgs, which did not appear to be native. Antea Group moved the location five feet away and started preclearance, however the same gravel layer was encountered. Due to safety concerns and time limit constraints associated with our access agreement, an air knife rig was brought to the site on June 29th to safely pass through the gravel layer, which ended at 10 feet, and well MW-23 was subsequently installed.

2.4 Monitoring Well Destruction

Well MW-11 was destroyed by pressure grout. Approximately 15 gallons of cement grout were poured into the bottom of the well through a tremmie pipe, after which a well cap was placed on the top of the well and a pressure of 25 pounds per square inch (psi) applied to the well for 15 minutes. The well cap was then removed and an additional three gallons of grout were poured into the well casing. Pressure was reapplied to the well for an additional 10 minutes, and no grout subsidence was noted when the cap was removed. The well vault was removed and the location was capped with concrete.

2.5 Soil Sampling

Soils from MW-20, MW-21, MW-22 and MW-24 were collected continuously in acetate liners. Due to time constraints associated with our access agreement, soil samples were collected for field screening purposes at 5 foot intervals in MW-23. Only soil samples from onsite boring SB-10 and onsite well MW-22 were retained for laboratory analysis in order to obtain a complete analytical profile. Soil sampling procedures are provided as **Appendix C**; soil observations are recorded on boring logs, which are included as **Appendix E**.

Soil samples were collected from SB-10 at depths of 3, 5 and 9 feet bgs to evaluate for site-specific closure eligibility under SB-2012 0016. Soil samples were collected from MW-22 at 2- to 5-foot intervals in direct-push acetate liners in order to confirm historical PCE concentrations and obtain high resolution PCE and naphthalene data.

Soil samples were properly labeled and immediately placed on ice in a cooler pending transportation to Kiff Analytical LLC (Kiff), a National Environment Laboratory Accreditation Program (NELAP) certified laboratory (Certificate #08263CA). Soil samples were analyzed for the following components:

- Gasoline Range Organics (GRO) by Environmental Protection Agency (EPA) Test Method 8260B;
- Benzene, toluene, ethylbenzene and xylenes (BTEX compounds), methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), ethyl tertiary butyl ether (ETBE), diisopropyl ether (DIPE) 1,2-dichloro-ethane (1,2-DCA), ethylene dibromide (EDB) and naphthalene by EPA Test Method 8260B.
- Tetrachloroethane (PCE), trichloroethane (TCE), cis 1,2-Dichloroethene (cis 1,2-DCE), trans 1,2-Dichloro-ethene (trans 1,2-DCE) and vinyl chloride by EPA Test Method 8260B.

2.6 Groundwater Sampling

Blaine Tech Services (Blaine Tech) collected groundwater samples from wells MW-20 and MW-21 on May 20, 2013. With the exception of well MW-22, all new wells were included in the second quarter groundwater monitoring event completed by Blaine Tech on July 8, 2013. Samples from the new monitoring wells were submitted to the laboratory on a 24-hour turnaround time request; the remaining samples were submitted on a standard turnaround time, and those results be reported in the third quarter 2013 semi-annual monitoring report. Well MW-22 did not contain enough water to sample. Blaine Tech's SOPs for groundwater sampling are provided as **Appendix F** and well development and sampling documentation is presented as **Appendix G**.

Groundwater samples were properly labeled, immediately placed on ice in a cooler pending transportation to Kiff, and analyzed for the same analytical suite described in **Section 2.3**, with two exceptions: groundwater samples were analyzed for ethanol, and naphthalene was analyzed by EPA Test Method 8270 (May 20, 2013 event) by Calscience Environmental and Marine Chemistry Laboratories (Calscience), a state of California certified laboratory (#03220CA).

2.7 Well Development

On March 20, 2013, Gregg Drilling developed wells MW-20 and MW-21; well MW-23 was developed July 3, 2013 by Blaine Tech. The well screens were surged for 15 minutes, and a minimum of 10 casing volumes of groundwater were removed from the wells. During purging, pH, electric conductivity (EC), turbidity, dissolved oxygen (DO), temperature, salinity, pump rate and water level were measured and recorded on development logs, included as **Appendix G**.

Gregg Drilling attempted to develop wells MW-22 and MW-24 on July 1, 2013, however neither well contained sufficient water. Antea Group has directed Blaine Tech to continue gauging these wells, develop them should they contain enough water in the future, and collect grab groundwater samples when possible. All new wells have been added to the ongoing groundwater monitoring program.

2.8 Monitoring Well Survey

Licensed surveyor Morrow Surveying surveyed new monitoring wells MW-20 and MW-21 on May 16, 2013; wells MW-22, MW-23 and MW-24 were surveyed on July 1, 2013. Longitude and latitude were surveyed to North American Datum 83, and the top of casing well elevations were surveyed to North American Vertical Datum 88. Survey data has been included as **Appendix H.**

2.9 Results

Boring logs are provided as **Appendix E**, laboratory analytical reports with chain-of-custody documentation are presented as **Appendix I**, a summary of current soil analytical data is presented in **Table 2**, and groundwater analytical results from this investigation are summarized in **Table 3**.

2.9.1 Subsurface Conditions

Soils encountered in the site subsurface appear to be consistent with previously observed soils. In general, soils logged in borings consisted of sandy to gravelly clay and silt. An approximately 10-foot thick section of well graded gravel with silt and sand was encountered in the vicinity of MW-23 from five to 15 feet bgs, and appeared to be artificial fill. Saturated, well-graded sand was reported at 29.5 feet to the total depth of 31 feet in MW-23. A thin layer of dry, well-graded gravel was encountered at 20 feet bgs in MW-24.

During drilling, groundwater was encountered in MW-20 and MW-21 at approximately 20 feet bgs, and at 29 feet bgs in MW-24. Groundwater was not encountered during drilling or installation of MW-22 and MW-24. Groundwater flow direction calculated with the new wells is to the west at a hydraulic gradient of 0.001 feet per foot (ft/ft) to the west, which is consistent with the historically reported direction. A groundwater elevation map is provided on **Figure 3**.

2.9.2 Soil Analytical Results

PCE was reported in the 21-foot sample from MW-22 at a concentration of 0.0059 milligrams per kilogram (mg/kg). No other analytes were reported above laboratory reporting limits. A soil concentration map is presented on **Figure 4**.

2.9.3 Groundwater Analytical Results

Groundwater concentrations in MW-21 increased between May 20 and July 5, 2013. GRO increased from 3,400 micrograms per liter (µg/L) to 21,000 µg/L. Elevated concentrations of ethylbenzene, xylenes and naphthalene were also reported in MW-21. GRO was reported in wells MW-20 and MW-23 at concentrations below 200 µg/L, however these concentrations were qualified by the laboratory, which noted the primary compounds were not found in typical gasoline. Due to the presence of PCE in these samples, reported GRO concentrations are believed to be due to PCE.

During the July 8, 2013 sampling event, PCE was reported at a maximum concentration of 90 µg/L in up-gradient well MW-23 and in down-gradient well MW-20 at 53 µg/L and cross-gradient well MW-24 at 1.3 µg/L. PCE degradation compounds TCE and cis 1, 2-DCE were also reported in the same wells, with the exception of MW-24. PCE and associated compounds were not reported in MW-21.

The March 15, 2013 grab groundwater sample from SB-11 contained noticeably higher analyte detections than the July 8, 2013 groundwater sample from well MW-24. Since grab groundwater samples can be affected by interference sorbed-phase contaminants, Antea Group considers the sample from MW-24 to be more characteristic of actual groundwater conditions. Groundwater concentrations for new wells are presented on **Figure 5**.

2.10 Quality Assurance/ Quality Control (QA/QC)

Antea Group's QA/QC measures included use of a trip blank with the samples collected on May 20, 2013 and detailed QA/QC data validation all Kiff laboratory analytical reports. Antea Group's laboratory data validation checklist and the Kiff and Calscience laboratory reports with chain-of-custody documentation are included as **Appendix I** and summarized below.

Trip Blank (TB1_20130228):	No contaminants reported
Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Laboratory Data Qualifiers:	Yes – four data qualifiers in total (see below)
Are the data valid for their intended purpose?	Yes, data are deemed valid

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) results associated with sample SB-11 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.
- The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-21_20130531.
- MS/MSD results associated with samples MW-21_20130731 and MW-23_20130731 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.
- Primary Compounds not found in typical gasoline: Noted on GRO groundwater results for MW-20, 23 and SB-11.

The MS/MSD qualifier does not affect the data since the spiked samples did not belong to the site sample batch, and the Laboratory Control Sample recoveries are within an acceptable range. Based on a review of the laboratory's analytical reports, including their QA/QC procedures and those implemented by Antea Group, we conclude that the laboratory data obtained during the recent groundwater sampling event are valid and usable for their intended purpose.

2.11 Investigation Derived Waste (IDW)

A total of 17 drums containing IDW were generated during investigation activities. IDW is being temporarily stored on site in 55-gallon Department of Transportation (DOT)-approved steel drums. Antea Group is coordinating appropriate disposal of the waste generated with Belshire Environmental Services. Antea Group will submit any outstanding final waste documentation with the third quarter 2013 semi-annual groundwater monitoring report (or upon receipt). A non-hazardous waste manifest from the May 20, 2013 groundwater sampling event is included as **Appendix J**.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of the current investigation, Antea Group concludes the following:

- The water production capacity of soils above 21 feet is variable at the site and surrounding area, with little to no water production in the locations of MW-24, MW-22 and MW-23.
- The maximum dissolved-phase PCE concentration was reported up-gradient of the site in MW-23, supporting Antea Group's theory that PCE at the site and vicinity is a regional contaminant.
- Since a groundwater sample could not be collected from well MW-22 (adjacent to the waste oil tank) Antea Group cannot determine at this time whether the site's current and former waste oil tanks have contributed to localized PCE concentrations in groundwater.
- Dissolved-phase contaminants are migrating to the east with the direction of groundwater flow, with only minor dispersion to the north and south.
- The dissolved phase contaminant plume consists primarily of GRO, ethylbenzene and xylenes. Benzene was not reported in down-gradient wells MW-20 or MW-21, indicating that the extent of dissolved phase benzene is defined down-gradient between MW-10R and MW-21. GRO concentrations appear to be declining with distance from the site, however the down-gradient extent of GRO and fuel components remain undefined.
- No concentrations of benzene and MTBE in groundwater samples collected during this investigation exceeded the maximum criteria presented in SB-2012 0016.
- No concentrations of benzene, ethylbenzene or naphthalene in soil samples exceeded the direct exposure and outdoor air exposure criteria presented in SB-2012 0016.

Based on these conclusions, Antea Group recommends the following:

- Revisit the site during the third quarter 2013 to attempt to develop wells MW-22 and MW-24 should the wells contain an adequate water column. If the wells contain sufficient water, they will be sampled during a later date after development. If the wells contain insufficient water to develop, we will attempt to collect a grab groundwater sample from MW-22. Data from MW-22 will be used to determine whether the current or former waste oil tank contributed to localized PCE concentrations in groundwater. Data will be presented with the third quarter semi-annual groundwater monitoring and sampling report.
- Install an additional groundwater monitoring well downgradient of well MW-21 on S. El Dorado Avenue, approximately 20 feet south of the intersection with 5th Avenue to define the downgradient extent of the sites dissolved phase hydrocarbon plume.

4.0 REMARKS

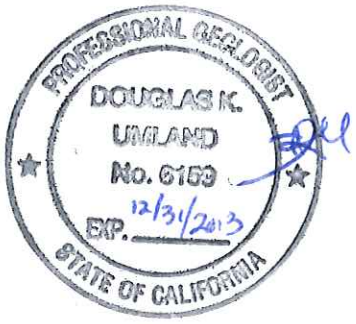
The recommendations contained in this document represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This document is based upon a specific scope of work requested by the client. For any reports cited that were not generated by Delta or Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this document were performed. This document is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this document. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this document.

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Information, conclusions and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature follows.

Licensed Approver:



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Tables

Table 1 Soil Boring and Monitoring Well Construction Details
Table 2 Soil Analytical Data
Table 3 Groundwater Gauging and Analytical Data

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 7/15/2013

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/24/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Shallow / Deep Screened Well
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Shallow Screened Well
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Deep Screened Well
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Deep Screened Well
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Shallow Screened Well
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Shallow Zone; Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Shallow Zone; Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Deep Zone; conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Deep Zone; conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Deep Screened Well
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Deep Screened Well
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Deep Screened Well
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Deep Screen - Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 7/15/2013

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	PVC	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	PVC	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	PVC	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																												
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 a	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	0.0064	<0.0050	<0.0050	<0.0050	<0.0050	1.1	67	73	6.0	44
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	5.9 b	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																												
SP-5																												
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--	--	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--	--	--	--	--	--	--
SP-6																												
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	**68** e	<0.050 e	<0.050 e	**1.6** e	**3.3** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--	--
SP-7																												
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-19.5-20	19.5-20	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8																												
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	**49** e	<0.050 e	<0.050 e	**2.1** e	**7.4** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--	--
SB-1																												
SB-1d5	5	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0066	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d10	10	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.013	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-1d20	20	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0065	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d25	25	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0076	<0.0025	<0.0025	<0.0025	<0.0025	<0.34	<0.0025	<0.0025	<0.013	--	0.0083	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-3																												
SB-3d5*	5	5/18/2011	--	--	<0.19	<0.0022	<0.0022	<0.0022	<0.0067	<0.0022	<0.0022	<0.0022	<0.0022	<0.30	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-3d10	10	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-3d15	15	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d17	17	5/18/2011	--	--	<0.26	<0.0031	<0.0031	<0.0031	<0.0093	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.016	--	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-3d20	20	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d25	25	5/18/2011	--	--	<0.31	<0.0026	<0.0026	<0.0026	<0.0077	<0.0026	<0.0026	<0.0026	<0.0026	<0.34	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-3d30	30	5/18/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
SB-4																												
SB-4d10	10	5/18/2011	--	--	<0.24	<0.0029	<0.0029	<0.0029	<0.0086	<0.0029	<0.0029	<0.0029	<0.0029	<0.38	<0.0029	<0.0029	<0.014	--	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	--	--	--	--	--
SB-4d15	15	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-4d17	17	5/18/2011	--	--	<0.34	<0.0041	<0.0041	<0.0041	<0.012	<0.0041	<0.0041	<0.0041	<0.0041	<0.54	<0.0041	<0.0041	<0.020	--	**0.0050**	<0.0041	<0.0041	<0.0041	<0.0041	--	--	--	--	--
SB-4d20	20	5/18/2011	--	--	<0.25	<0.0031	<0.0031	<0.0031	<0.0092	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.015	--	**0.0041**	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-4d24	24	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	**0.0060**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-4d30	30	5/18/2011	--	--	<0.17	<0.0021	<0.0021	<0.0021	<0.0063	<0.0021	<0.0021	<0.0021	<0.0021	<0.28	<0.0021	<0.0021	<0.010	--	**0.0030**	<0.0021	<0.0021	<0.0021	<0.0021	--	--	--	--	--
SB-5																												
SB-5d5*	5	5/19/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-5d10	10	5/19/2011	--	--	<0.28	<0.0034	<0.0034	<0.0034	<0.010	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	--	--	--	--	--
SB-5d15	15	5/19/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-5d17	17	5/19/2011	--	--	<0.28	<0.0033	<0.0033	<0.0033	<0.010	<0.0033	<0.0033	<0.0033	<0.0033	<0.44	<0.0033	<0.0033	<0.017	--	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	--	--	--	--	--
SB-5d20	20	5/19/2011	--	--	<0.22	<0.0026	<0.0026	<0.0026	<0.0079	<0.0026	<0.0026	<0.0026	<0.0026	<0.35	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-5d25	25	5/19/2011	--	--	<0.20	<0.0025	<0.0025	<0.0025	<0.0074	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	**0.0037**	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d30	30	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	**0.0093**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-5d35	35	5/19/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.12	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d40	40	5/19/2011	--	--	<0.26	<0.0032	<0.0032	<0.0032	<0.0095	<0.0032	<0.0032	<0.0032	<0.0032	<0.42	<0.0032	<0.0032	<0.016	--	**0.0037**	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
SB-6																												
SB-6d6	6	6/7/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-6d10	10	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0089	<0.0030	<0.0030	<0.0030	<0.0030	<0.40	<0.0030	<0.0030	<0.015	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d15	15	6/7/2011	--	--	**57.4**	**0.087**	**2.4**	**1.6**	**9.1**	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	0.0099	<0.0023	<0.012	--	**0.0052**	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
SB-6d17	17	6/7/2011	--	--	**21.6**	<0.0024	<0.0024	0.087	0.42	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d20	20	6/7/2011	--	--	**0.21**	<0.0024	<0.0024	0.0026	0.014	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	**0.031**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d25	25	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0091	<0.0030	<0.0030	<0.0030	<0.0030	<0.41	<0.0030	<0.0030	<0.015	--	**0.0097**	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d30	30	6/7/2012	--	--	<0.24	<0.0028	<0.0028	<0.0028	<0.0085	<0.0028	<0.0028	<0.0028	<0.0028	<0.38	<0.0028	<0.0028	<0.014	--	**0.015**	<0.0028	<0.0028	<0.0028	<0.0028	--	--	--	--	--
SB-7																												
SB-7d10	10	5/17/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-7d15	15	5/17/2011	--	--	**1330**	**0.039**	**0.081**	**21.4**	**116**	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-7d17	17	5/18/2011	--	--	**1790 g**	**0.066 g**	<0.042 g	**35.6 g**	**204 g**	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	<0.35 g	<0.0027 g	<0.0027 g	<0.013 g	--	**0.0061 g**	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	--	--	--	--	--
SB-7d20	20	5/18/2011	--	--	**4900 g**	**0.8 g**	**87.2 g**	**127 g**	**721 g**	<0.040 g	<0.080 g	<0.040 g	<0.080 g	<8.0 g	<0.040 g	<0.080 g	<0.40 g	--	<0.040 g	<0.040 g	<0.040 g	**0.19 g**	<0.040 g,h,i	--	--	--	--	--
SB-7d25	25	5/18/2011	--	--	**0.43**	<0.0034	**0.015**	**0.0081**	**0.048**	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	**0.049**	**0.0048**	**0.0042**	<0.0034	<0.0034	--	--	--	--	--
SB-8																												
SB-8_d9.0	9	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d17.5	17.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d23.5	23.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d27.5	27.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.013**	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-10																												
SB-10_d3.0	3	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-10_d5.0	5	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-10_d9.0	9	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
Groundwater Monitoring Wells																												
MW-1																												
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																												
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																												
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-4																												
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																												
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6																												
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** e	**0.18** e	**32** e	**20** e	**110** e	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** e	<0.25 e	**1.3** e	**10** e	**38** e	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--	--	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** e	**0.089** e	**2.7** e	**10** e	**37** e	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089** e	<0.0050 e	<1.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-7																												
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-8																												
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-9																												
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-10																												
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10R																												
MW-10R_d18.5	18.5	4/12/2012			<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-11																												
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B																												
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17** e	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430** e	<0.50 e	<0.50 e	**3.4** e	**7.6** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12** e	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76** e	**0.0099** e,f	**0.011** e,f	**1.5** e	**3.1** e	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034** e,f	<0.025 e	<0.25 e	--	--	--	--	--	--	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015** f	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B																												
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500** e	**2.9** e	**250** e	**85** e	**660** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200** e	**1.2** e	**86** e	**38** e	**220** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620** e	<1.2 e	**12** e	**14** e	**73** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480** e	<0.50 e	**2.1** e	**11** e	**47** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12** e	**0.040** e,f	**0.78** e	**0.38** e	**1.9** e	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030** e,f	<0.050 e	<0.50 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7** e	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** f	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-14B																												
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B																												
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-17B																												
MW-17Bd5*	5	5/19/2011	--	--	<0.19	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd10	10	5/19/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd15	15	5/19/2011	--	--	<0.21	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
MW-17Bd17	17	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024 M1	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
MW-17Bd20	20	5/19/2011	--	--	<0.21	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd25	25	5/19/2011	--	--	<0.33	<0.0032	<0.0032	<0.0032	<0.0097	<0.0032	<0.0032	<0.0032	<0.0032	<0.43	<0.0032	<0.0032	<0.016	--	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
MW-17Bd30	30	5/19/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0080	<0.0027	<0.0027	<0.0027	<0.0027	<0.35	<0.0027	<0.0027	<0.013	--	0.026	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
MW-18																												
MW-18_d15.5	15.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-18_d19.5	19.5	5/16/2012	--	--	**2200**	**2.1**	**110**	**52**	**282**	<0.40	<0.40	<0.40	<0.40	--	<0.40	<0.40	<2.0	**18**	<0.40	<0.40	<0.40	<0.40	<0.40	--	--	--	--	--
MW-19																												
MW-19_d18.0	18	4/11/2012	--	--	**180**	<0.025	<0.025	**1.4**	**0.44**	<0.025	<0.025	<0.025	<0.025	--	<0.025	<0.025	<0.15	**0.70**	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--
MW-22																												
MW-22_d3.0	3	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d5.0	5	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d8.0	8	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d10.0	10	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d15.0	15	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d18.0	18	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d21.0	21	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.0059**	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
Oil Water Separator Removal																												
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	--	ND c	ND c	ND c	ND c	ND c	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease	PCE	Tetrachloroethylene
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPH-DRO	Total petroleum hydrocarbons as diesel range organics	TCE	Trichloroethylene
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPH-GRO	Total petroleum hydrocarbons as gasoline range organics	cis-1,2-DCE	cis-1,2-dichloroethylene
ND	Not detected (reporting limit unknown)	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol	1,2-DCA	1,2-Dichloroethane		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 8010 in 8/1992; 8260B
7 Analyzed by EPA Method 6000/7000
* Sample may not be representative of in-situ conditions because the boring was air knifed to a depth of 5 feet prior to sampling
a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 6.4 parts per billion and converted to mg/kg. All remaining constituents analyzed by 8010 were non-detect
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL'S and MDL's was raised due to sample dilution.
f Estimated Value (CLP Flags)
g Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S) and 4-Bromofluorobenzene (S
h Analyte recovery in the laboratory control sample (LCS) was below QC limits. Result may be biased low
i Result confirmed by second analysis

TABLE 3
GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 DELAWARE STREET
SAN MATEO, CALIFORNIA

Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA - GASOLINE COMPONENTS AND FUEL OXYGENATES												GROUNDWATER ANALYTICAL DATA - CHLORINATED SOLVENTS					
		TOC Elevation (feet)	Depth to Water (feet)	LNAPL Thickness (feet)	Water Elevation* (feet)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	EDB (ug/L)	1,2-DCA (ug/L)	PCE (ug/L)	TCE (ug/L)	Vinyl Chloride (ug/L)	Naphthalene (ug/L)	cis 1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)
SB-11	3/15/2013	NA	31**	NP	NA	**150** B	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**42**	<0.50	<0.50	**80**	**1.4**	<0.50	<0.50	**1.4**	<0.50
MW-20	5/20/2013	19.01	17.00	NP	2.01	**160** B	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**78**	**4.0**	<0.50	<10 *	**3.7**	<0.50
MW-20	7/8/2013	19.01	17.70	NP	1.31	**110** B	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**53**	**3.9**	<0.50	<0.5	**4.0**	<0.50
MW-21	5/20/2013	18.52	16.83	NP	1.69	**3,400**	**0.72**	<0.50	**150**	**290**	<0.50	<0.50	<0.50	<0.50	<5.0	<20 A	<0.50	<0.50	<0.50	<0.50	<0.50	**82** *	<0.50	<0.50
MW-21	7/8/2013	18.52	17.30	NP	1.22	**24,000**	<5.0	<5.0	**1,000**	**2,600**	<5.0	<5.0	<5.0	<5.0	<25	<50	<5.0	<5.0	<5.0	<5.0	<5.0	**460**	<5.0	<5.0
MW-22	7/8/2013	20.86	19.50	NP	1.36	Insufficient water to collect sample																		
MW-23	7/8/2013	22.33	20.10	NP	2.23	**190** B	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**90**	**10**	<0.50	<0.50	**16**	<0.50
MW-24	7/8/2013	19.51	18.00	NP	1.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	**1.3**	<0.50	<0.50	<0.50	<0.50	<0.50
TB-1	5/20/2013	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50

Gauging Notes:
TOC - Top of Casing
LNAPL - Light non-aqueous phase liquid
NA - Not applicable or not available
NP - LNAPL not present
* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
** - Grab groundwater sample

Analytical Notes:
< - Not detected at or above indicated laboratory reporting limit
ug/L - micrograms/liter
BOLD- Detected above indicated laboratory reporting limit
GRO - gasoline range organics (analyzed as TPH as Gasoline)
MTBE - Methyl tertiary-butly ether
DIPE - Di-isopropyl ether
ETBE - Ethyl tertiary-butyl ether
TAME - Tertiary-amyl methyl ether
TBA - Tertiary-butyl alcohol
EDB - 1,2-Dibromoethane
1,2-DCA - 1,2-Dichloroethane
PCE - Tetrachloroethene
TCE - Trichloroethane
cis 1,2-DCE - cis-1,2-Dichloroethene
trans 1,2-DCE - trans-1,2-Dichloroethene
* Naphthalene analysis by Environmental Protection Agency Test Method 8270
All analyses excluding marked naphthalene data were analyzed by EPA Test Method 8260B.

Analytical Qualifiers:
A - The Method Reporting Limit for ethanol has been raised due to the presence of an interfering compound.
B - Primary Compounds not found in typical Gasoline

Figures

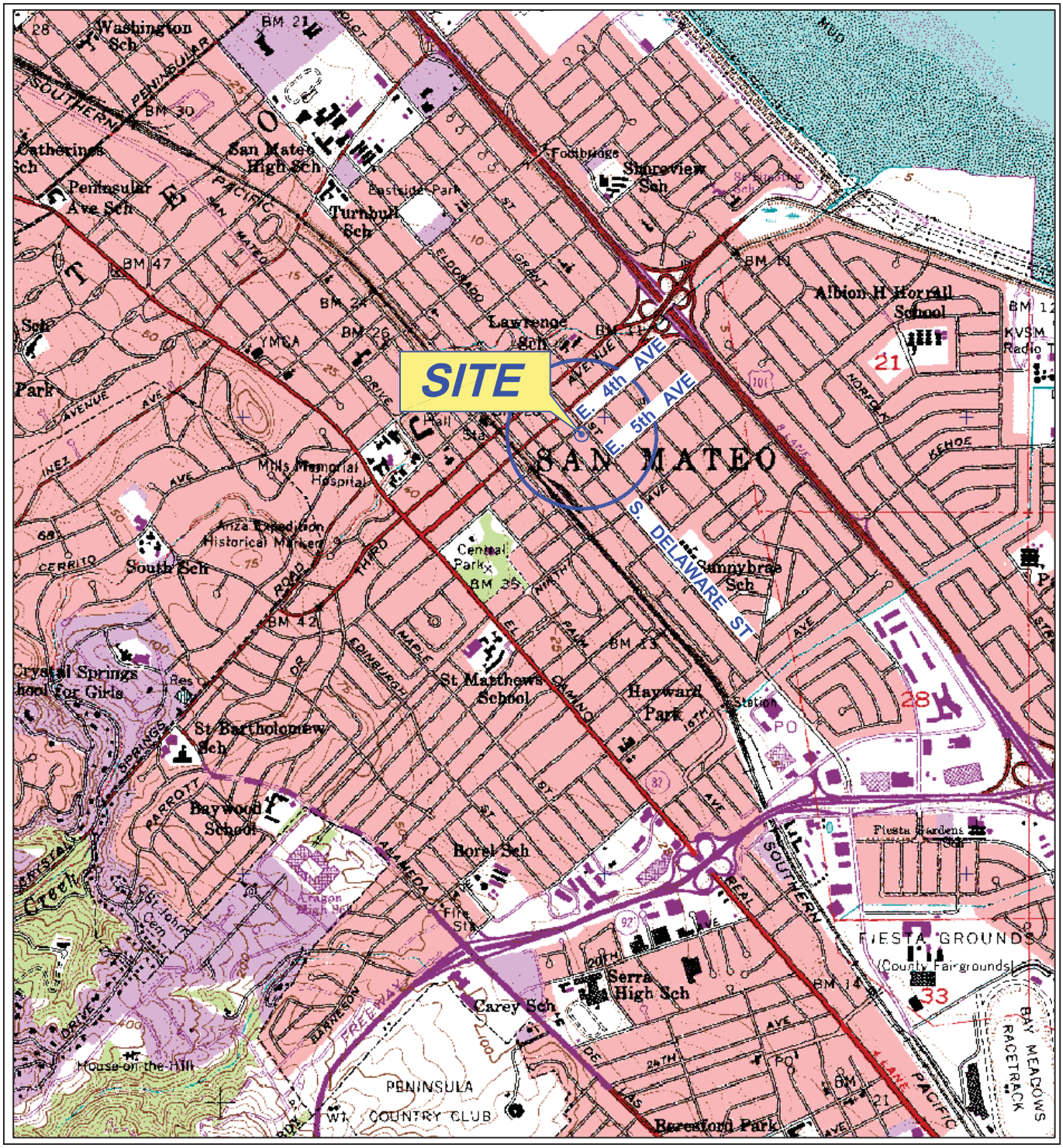
Figure 1 Site Location Map

Figure 2 Site Plan

Figure 3 Groundwater Elevation Map – July 8, 2013

Figure 4 Soil Concentration Map

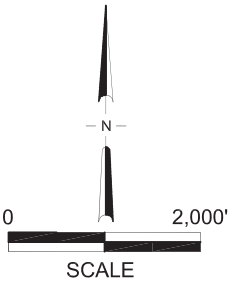
Figure 5 Groundwater Concentration Map – March 15, May 20 and July 8, 2013



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



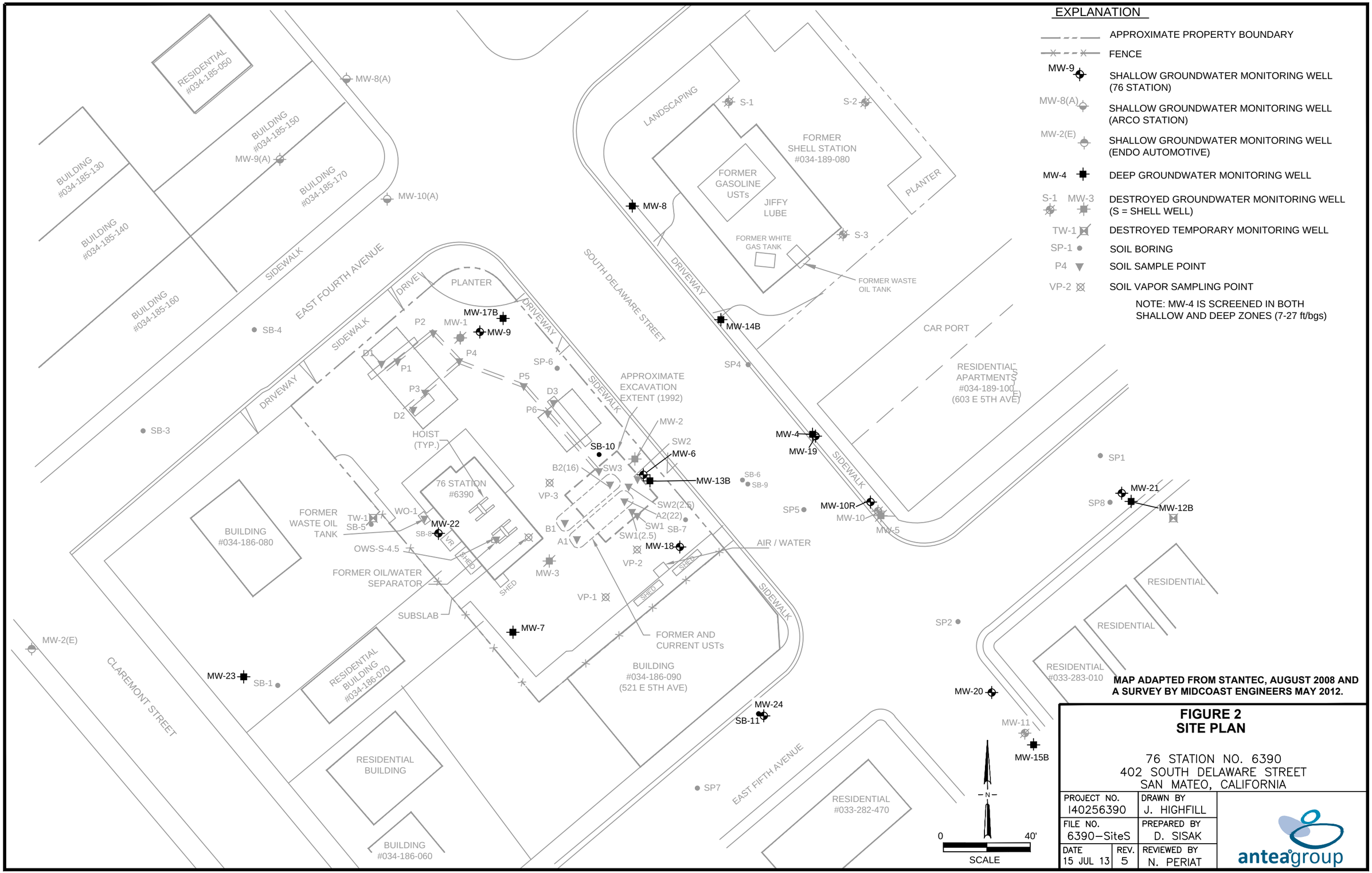
SCALE

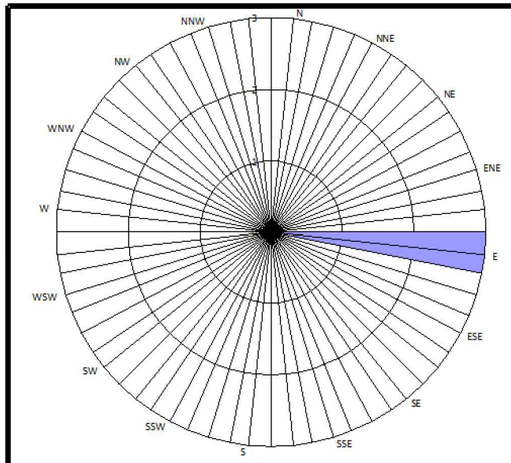
FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup


EXPLANATION
APPROXIMATE PROPERTY BOUNDARY
FENCE
MW-9 SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
MW-8(A) SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
MW-2(E) SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
MW-4 DEEP GROUNDWATER MONITORING WELL
S-1 MW-3 DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
TW-1 DESTROYED TEMPORARY MONITORING WELL
SP-1 SOIL BORING
P4 SOIL SAMPLE POINT
VP-2 SOIL VAPOR SAMPLING POINT
NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)
RESIDENTIAL #034-185-050
BUILDING #034-185-130
BUILDING #034-185-140
BUILDING #034-185-160
BUILDING #034-185-150
BUILDING #034-185-170
MW-8(A)
MW-9(A)
MW-10(A)
SIDEWALK
EAST FOURTH AVENUE
DRIVE
PLANTER
DRIVEWAY
SB-4
SB-3
MW-17B
MW-1
MW-9
P2
P1
P3
P4
P5
P6
D1
D2
D3
SP-6
APPROXIMATE EXCAVATION EXTENT (1992)
HOIST (TYP.)
SB-10
MW-2
SW2
MW-6
MW-13B
B2(16)
SW3
VP-3
SB-6
SB-9
SW2(2.5)
A2(22)
SW1
SW1(2.5)
SB-7
B1
A1
MW-18
VP-2
AIR / WATER
SHED
VP-1
MW-3
SUBSLAB
MW-7
FORMER AND CURRENT USTs
76 STATION #6390
FORMER WASTE OIL TANK
TW-1
SB-5
WO-1
MW-22
SB-8
VR
OWS-S-4.5
FORMER OIL/WATER SEPARATOR
BUILDING #034-186-080
MW-2(E)
CLAREMONT STREET
MW-23
SB-1
RESIDENTIAL BUILDING #034-186-070
RESIDENTIAL BUILDING
BUILDING #034-186-060
BUILDING #034-186-090 (521 E 5TH AVE)
SOUTH DELAWARE STREET
LANDSCAPING
S-1
S-2
FORMER SHELL STATION #034-189-080
FORMER GASOLINE USTs
JIFFY LUBE
PLANTER
MW-8
S-3
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
DRIVEWAY
MW-14B
SP4
CAR PORT
RESIDENTIAL APARTMENTS #034-189-100 (603 E 5TH AVE)
MW-4
MW-19
SIDEWALK
SP5
MW-10R
MW-10
MW-5
SP1
SP8
MW-21
MW-12B
RESIDENTIAL
RESIDENTIAL
SP2
RESIDENTIAL #033-283-010
MW-20
MW-11
MW-15B
MW-24
SB-11
SP7
EAST FIFTH AVENUE
RESIDENTIAL #033-282-470
N
0
40'
SCALE
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.
FIGURE 2
SITE PLAN
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA
PROJECT NO. 140256390
DRAWN BY J. HIGHFILL
FILE NO. 6390-SiteS
PREPARED BY D. SISAK
DATE 15 JUL 13
REV. 5
REVIEWED BY N. PERIAT
antea group



EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

- (1.51) — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (ft/msl)
- * — ELEVATION NOT USED IN CONTOURING; WELL SCREENED IN DEEP WATER BEARING ZONE
- ** — ELEVATION NOT USED IN CONTOURING; INSUFFICIENT WATER COLUMN
- 1.50 — GROUNDWATER CONTOUR LINE (ft/msl); DASHED WHERE INFERRED CONTOUR INTERVAL =0.20 ft
- 0.001 ft/ft — APPROXIMATE GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT (ft/ft)

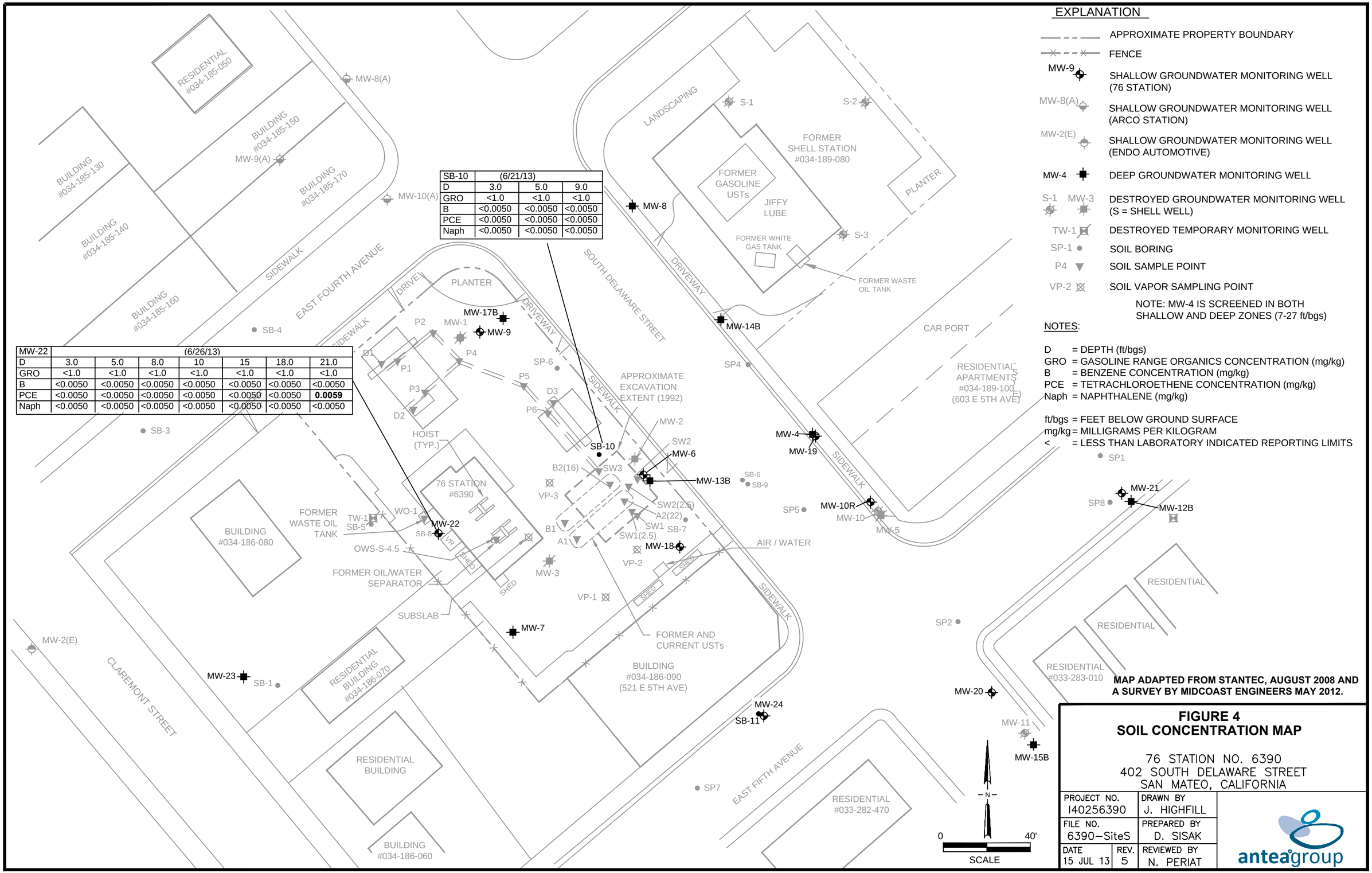
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 3
GROUNDWATER ELEVATION MAP
JULY 8, 2013
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390–SiteS	D. SISAK
DATE: 15 JUL 13 / REV.: 5	REVIEWED BY: R. BUSSARD

antea group

SCALE: 0 40'



SB-10	(6/21/13)		
D	3.0	5.0	9.0
GRO	<1.0	<1.0	<1.0
B	<0.0050	<0.0050	<0.0050
PCE	<0.0050	<0.0050	<0.0050
Naph	<0.0050	<0.0050	<0.0050

MW-22	(6/26/13)						
D	3.0	5.0	8.0	10	15	18.0	21.0
GRO	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
B	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
PCE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0059**
Naph	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
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- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
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- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

NOTES:

D = DEPTH (ft/bgs)
GRO = GASOLINE RANGE ORGANICS CONCENTRATION (mg/kg)
B = BENZENE CONCENTRATION (mg/kg)
PCE = TETRACHLOROETHENE CONCENTRATION (mg/kg)
Naph = NAPHTHALENE (mg/kg)

ft/bgs = FEET BELOW GROUND SURFACE
mg/kg = MILLIGRAMS PER KILOGRAM
< = LESS THAN LABORATORY INDICATED REPORTING LIMITS

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 4
SOIL CONCENTRATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390–SiteS	D. SISAK
DATE: 15 JUL 13 / REV.: 5	REVIEWED BY: N. PERIAT

antea group

NOTES:
GRO = GASOLINE RANGE ORGANICS
BENZ = BENZENE
MTBE = METHYL TERTIARY BUTYL ETHER
PCE = TETRACHLORETHANE
NAPH = NAPHTHALENE
< = LESS THAN LABORATORY INDICATED REPORTING LIMITS
B = PRIMARY COMPOUNDS NOT FOUND IN TYPICAL GASOLINE

CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L).

SCREEN INTERVAL MEASUREMENTS IN FEET BELOW GROUND SURFACE.

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

MW-22	7/8/13
SCREEN	6-21'
INSUFFICIENT WATER TO COLLECT SAMPLE	

MW-23	7/8/13
SCREEN	21-31'
GRO	190 B
BENZ	<0.50
MTBE	<0.50
PCE	90
NAPH	<0.50

SB-11	3/15/13
SCREEN	GRAB(31')
GRO	150 B
BENZ	<0.50
MTBE	<0.50
PCE	80
NAPH	<0.50

MW-24	7/8/13
SCREEN	6-21'
GRO	<50
BENZ	<0.50
MTBE	<0.50
PCE	1.3
NAPH	<0.50

MW-21	5/20/13	7/8/13
SCREEN	6-21'	6-21'
GRO	3,400	24,000
BENZ	0.72	<5.0
MTBE	<0.50	<5.0
PCE	<0.50	<5.0
NAPH	82	460

MW-20	5/20/13	7/8/13
SCREEN	6-21'	6-21'
GRO	160 B	110 B
BENZ	<0.50	<0.50
MTBE	<0.50	<0.50
PCE	78	53
NAPH	<10	<0.50

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 5
GROUNDWATER CONCENTRATION MAP
MARCH 15, MAY 20 AND JULY 8, 2013

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390-SiteS	D. SISAK
DATE / REV.	REVIEWED BY
15 JUL 13 / 5	R. BUSSARD

antea group

0 40' SCALE

Appendix A

Agency Correspondence

San Mateo County
Health System

January 29, 2013

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group uploaded the following documents to the State GeoTracker database: 1) assessment report dated July 6, 2012; 2) groundwater and subsurface vapor assessment workplan dated September 7, 2012; and 3) groundwater monitoring report dated November 15, 2012. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Assessment Report

Section 3.5 of the report and the well construction details indicate #3 sand was used for the filter pack of monitoring wells MW-10R, MW-18, and MW-19. A #3 filter pack certainly does not appear appropriate for MW-10R given the texture of the logged soil. Page 4 of our letter dated November 22, 2011 required filter pack size to be based on the texture of the formation opposite the screened interval. Therefore, we may require replacement of these wells if future problems with siltation or remedial effectiveness should occur.

Section 4.1 of the report states no groundwater is present <21 feet below grade (fbg) within the western portion of the site, which is why only deeper groundwater samples were collected from Borings TW-1 and SB-8. However, the depth to groundwater reported in TW-1 and SB-8 and within site wells suggests groundwater is present at approximately 15 fbg (smearing or compaction of fines from the drilling process may have inhibited groundwater from accumulating in the borehole). Installing a shallow monitoring well near at least Boring SB-8 will resolve this problematic issue (discussed in the workplan portion of this letter) and satisfy the assessment of first groundwater in this area that was required in our November 2011 letter.

Section 5.o of the report does not demonstrate Pace lab qualifiers E and S5 do not affect the use of the data. Please upload to GeoTracker by **March 29, 2013**, a letter from the laboratory demonstrating these qualifiers do not affect the use of the qualified results (concluding they don't without justification is not sufficient).

GPP staff do not consider it reasonable for the isoconcentration lines on Figures 5 and 6 to close west, northeast, and southeast of the fuel UST cavity. Results obtained from the deeper screened monitoring wells should not be used to determine where to close these lines because the investigation demonstrated the greatest fuel hydrocarbon concentrations occur in groundwater <21 fbg and no groundwater sampling data from <21 fbg has been collected west and northeast of the fuel UST cavity and south of MW-10R.

Table 2 does not define the abbreviations used for the halogenated organic compounds listed in the column headings, nor does it define the asterisk footnote. Please ensure this is addressed in future versions of this table. It appears the asterisk footnote denotes samples where the reported volatile organic compound concentrations may not be representative of in-situ conditions because an air-knife was used to clear the borehole prior to sampling.

The site history data in Appendix C is not complete and contains some incorrect data. Please incorporate the following comments into future discussions of site history: 1) two holes were observed in the waste oil UST after its removal; 2) Pacific Environmental Group only identified one well within 0.25 mile of site in June 1996 (a cathodic protection well); and 3) Delta is not awaiting GPP staff approval to implement the October 2010 workplan.

The report concludes the tetrachloroethene (PCE) in deeper groundwater (chiefly >21 fbg) did not originate from site activities because soils beneath the former waste oil tank did not contain PCE and relatively low levels of PCE were reported in groundwater sample SB-8. GPP staff consider this conclusion flawed because PCE was in fact reported in a sample of unsaturated zone soil beneath the waste oil UST (Sample WO1; refer to the laboratory report in the report dated November 24, 1992 – incorrectly reported on Table 2 of assessment report). Furthermore, the grab groundwater sample from SB-8 does not explain why the greatest PCE concentrations in groundwater occur in the deeper screened wells downgradient of Unocal's former waste oil tank cavity (MW-7, MW-12B, MW-13B, and MW-15B). Therefore, at this time, it appears activities at the subject site have contributed to the neighborhood PCE plume in concentrations exceeding water quality objectives.

Workplan

The workplan proposes to install two shallow groundwater monitoring wells and two depth discrete subsurface vapor sampling wells. GPP staff approve the proposed installation of the groundwater monitoring wells with the following conditions:

- Install an additional monitoring well screened from 6 to 21 fbg adjacent to the north side of Boring SB-8 to complete the shallow groundwater assessment near the former waste oil UST (an uncompleted objective of the previous assessment). This well will also provide data to assess the lateral extent of dissolved-phase hydrocarbons west of the fuel UST cavity;

- Consider installing a well screened from 21 to 31 fbg near Boring SB-1 to potentially clarify the contribution of PCE from the subject site (T. Endo Automotive Well MW-2 may not be useful for this purpose because the top of the screened interval is 15 fbg [potential dilution compared to data from wells screened >21 fbg]);

- Base the size of the well filter pack on the texture of the formation opposite the screened interval;

- Attempt to coordinate the sampling of these new wells with the First Quarter 2013 groundwater monitoring event; and

- Upload to the State GeoTracker database by **July 18, 2013**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

GPP staff concur subsurface vapor sampling is appropriate, but not from the vapor sampling wells proposed in the workplan. The vapor sampling wells are proposed in landscaped planters adjacent to building foundations and paved areas. Hence, the samples obtained from these wells may underestimate the potential vapor intrusion impact to building occupants because of the physics of subsurface vapor flow near buildings. Therefore, GPP staff approve the subsurface vapor sampling portion of the workplan with the following conditions:

- Install two sub-slab vapor sampling probes in the buildings at 521 and 603 East 5th Avenue instead of the proposed subsurface vapor wells;

- Place the shroud over the sub-slab probe prior to purging (the shroud does not need to surround the Summa canisters if the equipment vacuum test demonstrates the vapor purging and sampling apparatus is tight);

- Record shroud helium concentrations every 30 to 60 seconds (not every 2 to 5 minutes as proposed in the workplan) because the proposed flow rate will fill the proposed 1 liter sampling canister within approximately 6 minutes;

- Collect cold and warm season vapor samples from the sub-slab vapor probes and from existing VP-1 and VP-3 (no Regional Water Quality Control Board soil screening level exists for potential vapor intrusion of PCE);

- Additionally analyze the vapor samples for PCE and naphthalene; and

- Upload to the State GeoTracker database by **May 30, 2014**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the

investigation (assumes offsite access will not be obtained in time to perform cold season vapor sampling before March 2013).

Monitoring Report

The report states the groundwater sample collected from MW-11 may represent groundwater trapped in the well bottom cap from when groundwater elevation exceeded the elevation of the bottom cap. GPP staff consider this conclusion reasonable. Please ensure future versions of Table 3 include a footnote to denote this condition.

The GeoWell files uploaded for the site have not been listing the measured total well depth. Please ensure future GeoWell files list this depth. Please also ensure future hydrocarbon isoconcentration maps are justified as discussed in the assessment report portion of this letter.

The field sampling sheets in Appendix C indicate the depth to the top of the pump intake in the "B" suffixed wells is at the top of the screened interval. This does not appear appropriate, especially when a shallow well is nearby. It appears the depth of the sampling pump intake in the deeper screened wells should approximate 24 fbg. Please also ensure future time series graphs (Appendix F) reference the groundwater elevation to the appropriate datum.

The report recommends discontinuing analysis for PCE. GPP staff do not concur with this conclusion based on the comments in the assessment report portion of this letter. Please continue to additionally analyze the groundwater samples for PCE.

The report recommends discontinuing the calculation of vertical hydraulic gradient. GPP staff do not approve this recommendation. Calculation of vertical hydraulic gradient is customary when shallow/deep well pairs are available (e.g. MW-6/MW-13B and MW-4/MW-19) because contamination does not always remain at the top of the saturated zone. The calculation involves minimal effort because well gauging and construction data are available from other tasks.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

Appendix B

Site Details and Summary of Previous Environmental Investigations

SITE LOCATION AND BACKGROUND

The site is currently an active "76"-branded service station. The station is located approximately one mile west of San Francisco Bay in San Mateo, California, at an elevation of approximately 20 feet above mean sea level. The site facilities include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building. The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site in 1992.

The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East 4th Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area.

There are seven existing or former gasoline service stations within ¼-mile of the site area. The site is located in a mixed commercial and residential area. The nearest residences are southwest of the site at 411 South Claremont, or approximately 50 feet southwest of the site and an apartment building is located at 603 East 5th Avenue approximately 75 feet northeast of the site.

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon, fiberglass gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. Upon removal of the tanks, a 9-inch crack was observed along the eastern end of the super unleaded gasoline UST, and two 3/16-inch diameter holes were observed in the waste oil tank. A monitoring well had apparently been installed too close to the super unleaded UST, causing the crack. Petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30' by 27' by 22' deep. Initially, six soil samples (A1, A2, B1, B2, SW1, and SW2) were collected from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches.

At a later date, KEI collected an additional three soil samples (SW1, SW2, and SW3) from the gasoline UST cavity, along with a grab groundwater sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater had floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2, and D3) from beneath the gasoline dispensers. Laboratory analyses of soil samples collected from the gasoline UST cavity reported relatively high levels of total petroleum hydrocarbons as gasoline (TPHg) benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and total petroleum hydrocarbons as diesel (TPHd). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the

presence of the heavy metals cadmium, chromium, nickel, lead and zinc, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. High levels of TPHd, TPHg, and BTEX compounds were also reported in the groundwater sample.

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site. Laboratory analyses of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and BTEX compounds. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially gauged and sampled in June 1994. Laboratory analyses of the water samples collected from MW-2 and MW-3 reported the presence of petroleum hydrocarbons in MW-2 and MW-3. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs) with a groundwater gradient reported at 0.004 foot/foot to the east. KEI concluded to follow a three-month (quarterly) monitoring program.

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed at downgradient, off-site locations in the sidewalk along the opposite side of South Delaware Street from the site. Laboratory analyses of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX contamination in MW-4. The new wells were added to the quarterly groundwater monitoring program and were first sampled in April 1995. Laboratory analyses of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 micrograms per liter (µg/L) TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4.

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 milligrams per kilogram (mg/kg), 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. Tetrachloroethylene (PCE) and other chlorinated solvents were not present in the soil sample.

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at off-site locations. The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab groundwater samples were collected from each borehole. Laboratory analyses of the water samples reported low to moderate levels of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4. Petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2.

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. One documented well was identified within a ¼-mile radius of the site.

In December 2006 and January 2007, SECOR supervised the following activities: advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four additional groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells

(MW-1, MW-2, MW-3, and MW-5). Laboratory analyses of soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab groundwater sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from MW-6 and MW-9 reported petroleum hydrocarbons. Laboratory analyses of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3).

Based on the results of this investigation, SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended installation of a downgradient well in the shallow water bearing zone and downgradient wells in the deeper water bearing zone along East Fifth Avenue and Delaware Street, and to the northwest and northeast (up and cross-gradient) of the site. SECOR recommended groundwater analyses and historical research to identify the possible source of tetrachloroethylene (PCE) in groundwater.

In August 2008, Stantec oversaw the installation of two shallow groundwater monitoring wells (MW-10 and MW-11), and four deeper zone wells (MW-12B, MW-13B, MW-14B, and MW-15B) at locations down-gradient of the subject site. This included the collection of both soil and groundwater samples from the new wells. Stantec also completed a sensitive receptor survey (SRS) as part of this investigation (see below). Stantec concluded that petroleum hydrocarbon plumes in groundwater had been delineated by the new wells, but recommended continued semiannual groundwater monitoring. No additional evaluation of sensitive receptors was recommended based on findings of the SRS (where no sensitive receptors were identified in the immediate down-gradient direction of the site).

Between 2009 and 2010, Delta Consultants prepared an investigation work plan to assess the PCE contamination in groundwater in the vicinity of the site. The San Mateo GPP did not accept the *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan on October 29, 2010.* Delta Consultants revised and resubmitted the work plan to the GPP.

In February 2011, Antea Group (formerly Delta Consultants) received conditional approval from the lead oversight agency, San Mateo County GPP, of their October 29, 2010 submittal titled *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan.*

Between May and June 2011, Antea Group oversaw the installation of one additional groundwater monitoring well MW-17B, and the advancement of six soil borings SB-1 and SB-3 through SB-7 to assess the potential up-gradient presence of PCE in soil and groundwater, as well as to further quantify the degree and extent of

on-site and downgradient hydrocarbon contamination associated with the subject site. Details of the investigation are presented in the July 2011 *Potential Tetrachloroethylene (PCE) Source Investigation Report*.

In April and May 2012, Antea Group completed additional delineation of gasoline contaminants in groundwater to the east and southeast of the USTs, as well as the determining whether or not the subject site is a likely contributor to the PCE contaminant plume present in the regional groundwater. Antea Group oversaw the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Also, Antea Group oversaw the destruction of shallow well MW-10, replaced with new well MW-10R at a deeper screened interval. Antea Group submitted the *Additional Site Investigation Report* summarizing the April and May field activities to the GPP on **July 6, 2012**.

On **September 7, 2012**, Antea Group submitted an *Additional Groundwater and Vapor Investigation Work Plan* to the GPP. In this Work Plan, Antea Group is proposing to install two additional monitoring wells downgradient of wells MW-10R and MW-18, as well as two nested vapor wells adjacent to the neighboring, off-site buildings.

Sensitive Receptors

In 1996, a well survey was performed by Pacific. Four wells (three cathodic protection wells and one irrigation well) were identified within ¼-mile of the site. The City of San Mateo confirmed that there are two irrigation wells in Central Park (approximately 2,544 feet south of the site) and one irrigation well at King Center (approximately 3,648 north-northwest of the site).

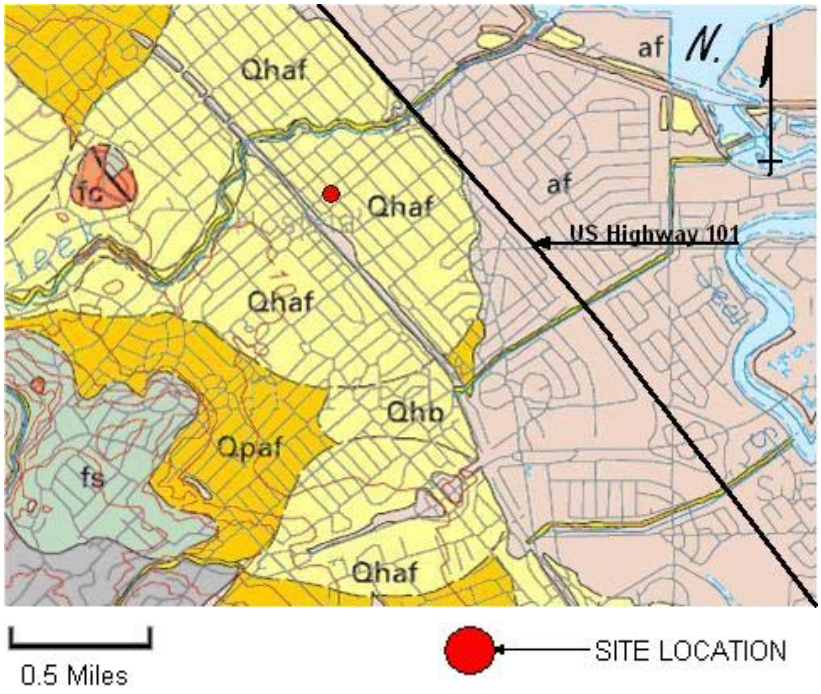
Stantec performed a sensitive receptor survey within a ½-mile radius of the site during July 2008. Research of the DWR well completion record database identified one irrigation well located approximately 2,208 feet north-northeast of the Site at 1015 2nd Avenue, San Mateo. The well was installed in 1953 to a depth of 46 feet bgs with a screened interval of 30 to 46 feet bgs. There was one surface water body (San Mateo Creek) identified within the limits of the ½-mile survey, approximately 1,488 feet north of the site.

SITE SETTING

Regional Geologic Setting

The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay. The geologic map of the vicinity below shows that the site is underlain by alluvial fan and fluvial deposits (Qhaf). Near the edge of San Francisco Bay, the deposits consist of medium dense sands that fine upward to sandy or silty clay (E.E. Brabb, et al., 1998). Other deposits in the area are heterogeneous artificial fill (af) and basin

Geologic Map of Vicinity



GEOLOGY OF THE ONSHORE PART OF SAN MATEO COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE 98-137

deposits (Qhb) consisting of fine silty clay to clay deposits.

Regional Hydrogeologic Setting

The site is located within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. Groundwater throughout the area flows typically northeasterly, originating in the Santa Cruz Mountains to the west and flowing towards San Francisco Bay. The basin is composed of alluvial fan deposits formed by tributaries to San Francisco Bay. The water-bearing formations comprise two groups; the Santa Clara Formation of the older Plio-Pleistocene age and the Quaternary age alluvial deposits. The shallow alluvial deposits overlie the Santa Clara Formation and have a maximum depth of about 1,250-feet.

Quaternary age alluvium consists of sand, gravel, silt, and clay deposits that are about 100-feet thick and average about 60-feet thick. The Pliocene age San Mateo Formation consists of deposits of marine sand, gravel, silt, and clay, which are locally water-bearing (DWR 2003).

The prominent groundwater flow direction is to the east.

Pacific Environmental Group, Inc. (Pacific) conducted a well survey and reviewed California Department of Water Resources (DWR) well records in June 1996. PEG only identified one documented cathodic protection well within a ¼-mile radius of the site.

Stantec conducted a sensitive receptor survey within a ½-mile of the site between July 2008 and August 2008 (Stantec 2008). A detailed parcel survey was performed at a 500-foot radius surrounding the site. The parcel survey identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot radius. A field canvas by Stantec did not identify groundwater production wells, or accompanying facilities associated with groundwater production wells within the search radius. In addition, California Water Service Company, the primary water provider for the area, indicated that they did not have any water supply wells within ½-mile boundary of the survey area.

There is one surface water body identified within the limits of the ½ -mile survey. San Mateo Creek is located approximately 1,488-feet north of the site.

Appendix C

Standard Operating Procedures

STANDARD OPERATING PROCEDURES

Utility Locating

Prior to drilling, boring and excavation locations and an approximate 15-foot by 15-foot box are marked with white paint or other distinct marking and cleared for underground utilities through Underground Service Alert (USA). In addition, Antea Group will contract an independent locator services to clear boring or excavation locations of subsurface assets. The first five feet (or more in instances where utilities are suspected in close proximity) of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities in accordance with Antea Group's subsurface hazard avoidance policy.

Borehole Advancement using Single-Wall GeoProbe®

Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic direct push-type rig for the purpose of collecting samples and evaluating subsurface conditions. The sample barrel located at the leading end of the drill rod serves as a soil sampler, and an acetate liner is inserted into the sample barrel rod prior to advancement of the push rod. Once the sample is collected, the rods and sampler are retracted and the acetate sample tubes are removed from the sampler. The sample barrel is then cleaned, filled with clean acetate liners, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated.

Undisturbed soil samples selected for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches in length. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting project number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California for analysis. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool.

Borehole Advancement using Hollow Stem Auger

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. Often, the borehole location if first sampled using Single-Wall Geoprobe procedures described above. If Geoporbe is not use, then a pre-cleaned split spoon sampler is lined with three 6-inch long brass or stainless steel tubes and attached to the drill rods. The sampler is then driven 18 inches into the underlying soils at the target sample interval by repeatedly dropping a 140-pound hammer over a 30-inch free fall distance. The number of blow counts to drive the sampler each 6-inch interval of sampler advancement are recorded on the field logs. The sampler is driven 18 inches or until the sampler has met refusal (typically 50 blows per six inches), then the sampler is retrieved. Alternatively, soil samples are retrieved by driving the sampler using a pneumatic hammer, when using a limited access rig.

Generally the bottom sample tube is selected for laboratory analysis. The middle tube is extruded for logging and PID screening, and the top tube is considered slough caved off from the sides of the boring prior to sampling. The retained

sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap and stored in a zip-type plastic bag. A label is affixed to the sample indicating the sample identification number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Hand Auger Borings

Hand auger borings are advanced to shallow depth – typically not exceeding 15 feet bgs. The hand auger boring is typically between 2 and 4 inches in diameter. Soil samples are collected either directly from the hand auger bucket, or using a slide hammer if subsurface conditions allow. Soil samples are contained in one to two-inch diameter, 6-inch long brass soil rings, lined on each end with Teflon sheeting and sealed with plastic end caps. Once the hand auger boring is advanced to the total depth, the boring is abandoned by using a tremmie pipe to grout the borehole from the bottom up. The boring location is capped with concrete.

Grab Groundwater Sample Collection

Once the target groundwater sampling depth has been reached, a one inch diameter schedule 80 polyvinyl chloride (PVC) temporary well casing equipped with five feet of 0.02-inch machine slotted screen and a pre-attached san pack is lowered into the borehole. Grab groundwater samples are collected by lowering a pre-cleaned, single-sample polypropylene, disposable bailer or pre-cleaned stainless steel bailer down the inside of the temporary well casing. The groundwater sample is decanted from the bailer to the sample container through a bottom emptying flow control valve to minimize volatilization.

Collected water samples are decanted directly into laboratory provided, pre-cleaned, vials or containers and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date, and type of preservative (if applicable, i.e. HCl for volatile organic compound analysis) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests.

Borehole Completion

Upon completion of drilling and sampling, the inner casing rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the borehole, through the annulus of the outer casing rods. The outer rods are retracted as the grout is introduced to bottom of the boring to prevent the cross contamination of encountered water bearing zones. Displaced groundwater is collected at the surface and placed into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Well Construction (typical)

Selected borings will be converted to groundwater monitoring wells by the installation of 2-inch diameter schedule 40 pvc well casing with 0.020-inch factory slotted well screen as stated in the body of the work plan. A filter pack of Monterey #2/16 grade sand (or equivalent) will be placed in the annular space of the monitoring well borings, extending from the bottom of each well casing to one or two-feet above the top of the screened casing. After emplacement of the sand pack, the submerged screen length is surged using a surge block in order to settle the sand pack. After settlement of the sand pack, a sanitary seal consisting of a 2-foot bentonite is placed on above the filter sand and charged with water to create a seal. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the well annulus bentonite to within two feet of the ground surface. A traffic-rated well box will be installed on each well to protect and finish the well to surface grade.

The groundwater monitoring wells will be allowed to stabilize for a minimum of 72 hours after installation prior to development. Following development, the wells will be allowed stabilize for a minimum of 48 hours prior to the collection of any groundwater samples.

Organic Vapor Reading Collection

Soil samples are collected for analysis in the field for ionizable organic compounds using a PID with a 10.2 eV lamp. The test procedure involves measuring approximately 30 grams from an undisturbed soil sample, placing this sub-sample in a Zip-type bag or foil-wrapped jar. The container is warmed for approximately 20 minutes in the sun; then the head-space within the container is tested for total organic vapor, measured in parts per million as benzene (ppm; volume/volume). The instrument is calibrated prior to drilling. The results of the field-testing are noted on the boring logs. PID readings are useful as a qualitative indication of relative levels of contamination, but cannot be used to quantify petroleum hydrocarbon concentrations with the confidence of laboratory analyses.

Equipment Decontamination

Equipment that could potentially come in contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drilling auger and other large pieces of equipment are decontaminated using high pressure hot water spray. Soil and groundwater sampling apparatus, groundwater pumps, liners and other equipment are decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Waste Handling and Disposal *(Soil Cuttings and Rinsate/Purge Water)*

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

Appendix D

Permits

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 0194

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 / 600 BLOCK 5TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
1155 N 1ST STREET SUITE 201
SAN JOSE

WP0009390 FA0053042
NO APN LISTED
AMOUNT PAID: 577.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL INSTALL/ DESTRUCT (4)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND
SEE SPECIAL CONDITIONS NOTED ON APPLICATION
RO0000534

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 3/8/2013

EXPIRATION DATE: 7/8/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

$ PAID $577.00 # 664650

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
MAR 04 2013
RECEIVED

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☐ CONSTRUCT SOIL BORINGS
☒ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 4 NO. OF BORINGS _____ WELL/BORING NAMES MW-11 (destruction), MW-20, MW-21, MW-24

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

REQUIRED BY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station No. 6390 ASSESSOR'S PARCEL # (REQUIRED) _____ (one per permit)
DRILLING LOCATION ADDRESS ~~Intersection of South Delaware Street and East 5th Avenue~~ 500 AND 600 BLOCK 5th AVE E. CITY San Mateo ZIP 94402
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ Other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 21 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☒ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 3-1-2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: See attached LOIs **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: SEE ATTACHED APPLICATION COPY **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Douglas Umland
Responsible Professional's Signature _____ **Date:** 3-1-2013
California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA5304 2

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

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PURPOSE OF APPLICATION: ☒ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☐ CONSTRUCT SOIL BORINGS ☒ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 4 NO. OF BORINGS _____ WELL/BORING NAMES MW-11 (destruction), MW-20, MW-21, MW-24

PURPOSE OF DRILLING: ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY: ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station No. 6390 ASSESSOR'S PARCEL # (REQUIRED) _____ (one per permit)
DRILLING LOCATION ADDRESS Intersection of South Delaware Street and East 5th Avenue CITY San Mateo ZIP 94402
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ Other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
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Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☒ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

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ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____
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DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Christopher Pruner **Date:** 3/1/13

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) _____
Responsible Professional's Signature _____ **Date:** _____
California Professional Geologist (PG) No. _____ **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

 2013 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2013 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: (1) IMMEDIATELY DRILL OUT MW-11 IF WELL DOES NOT HOLD REQUIRED PRESSURE

County Approval: _____ (RO)FA# 534 Date: 3.4.2013

anteagroup

Antea USA, Inc.
1155 North 1st Street, Suite 201
San Jose, California 95112 USA
www.anteagroup.com

as of 4/4/12 E.P. #4819 has 8 riders. gb.

January 24, 2013

Judy Dulik
City of San Mateo Public Works
330 West 20th Avenue
San Mateo, CA 94403
USA

Subject: **Letter of Intent – Permit rider #10 for permit #4819 for installation of two monitoring wells at the intersection of South Delaware Street and East Fifth Avenue, one at western corner of intersection and one approximately 85 feet northbound on East Fifth Avenue**

Dear Ms. Judy Dulik:

Antea™Group (Antea Group) has prepared this letter of intent regarding the proposed construction of monitoring wells MW-20 and MW-21 at the intersection of South Delaware Street and East Fifth Avenue. MW-21 is proposed approximately 85 feet north-east of the intersection at East Fifth Avenue and Delaware Street. MW-20 was originally located at the western corner of the intersection, but due to the large amount of utilities in the proposed location, the well has been moved to the southeastern corner of the intersection. All proposed work is related to 76 Service Station No. 6390, located at 402 South Delaware Avenue in San Mateo, California (see attached site plan). Antea Group will be requesting permit rider #10 for permit #4818 for the proposed scope of work.

The proposed scope of work is based on the *Additional Groundwater and Vapor Investigation Work Plan* dated September 7, 2012.

Sincerely,

Okay for issue E.P. - Rider
1/25/13
Gary Heap
Senior Engineer

Laurie Ziminski
Staff Professional
Direct: (408) 606-4909
Laurie.ziminski@anteagroup.com
Antea Group

Inogen Environmental Alliance

Antea USA, Inc.
1155 North 1st Street, Suite 201
San Jose, California 95112 USA
www.anteagroup.com

February 26, 2013

Okay to issue encroachment permit rider
2/27/13
Gary Heap
Senior Engineer

Judy Dulik
City of San Mateo Public Works
330 West 20th Avenue
San Mateo, CA 94403
USA

Subject: Letter of Intent – Additional work for permit rider #9 for E.P. #4819 for regulator-requested installation of one monitoring well on East 5th Avenue approximately 35 feet west of South Delaware Street and the destruction of monitoring well MW-11 on South Delaware Street approximately 40 feet south of East 5th Avenue

Dear Ms. Judy Dulik:

Antea Group has prepared this letter of intent regarding the installation of one monitoring well on East 5th Avenue approximately 35 feet west of South Delaware Street and the destruction of monitoring well MW-11 on South Delaware Street approximately 40 feet south of East 5th Avenue. Please see the attached site plan and traffic control plans for exact locations. This scope of work is in addition to two letters of intent approved by the Gary Heap on 1/25/13 and 1/28/13 (for the installation of two monitoring wells and one vapor point at the intersection respectively). This additional work was requested by the San Mateo County GPP regulator for this site in correspondence exchanged after we received the 1/25/13 and 1/28/13-approved letters of intent for permit rider #9 (see attached correspondence).

Can we please get this LOI approved so we can add the work to permit rider #9 for E.P. #4819? We would appreciate a response as soon as possible because it has been requested that we complete this additional work during our scheduled mobilization on March 13-15, 2013 for the original scope of work.

All proposed work is related to the 76 Service Station No. 6390, 402 South Delaware Street, San Mateo.

Sincerely,

David Sisak
Staff Professional
Direct: (408) 317-8569
david.sisak@anteagroup.com
Antea Group

RECEIVED
FEB 26 2013
CITY OF SAN MATEO
PUBLIC WORKS DEPARTMENT

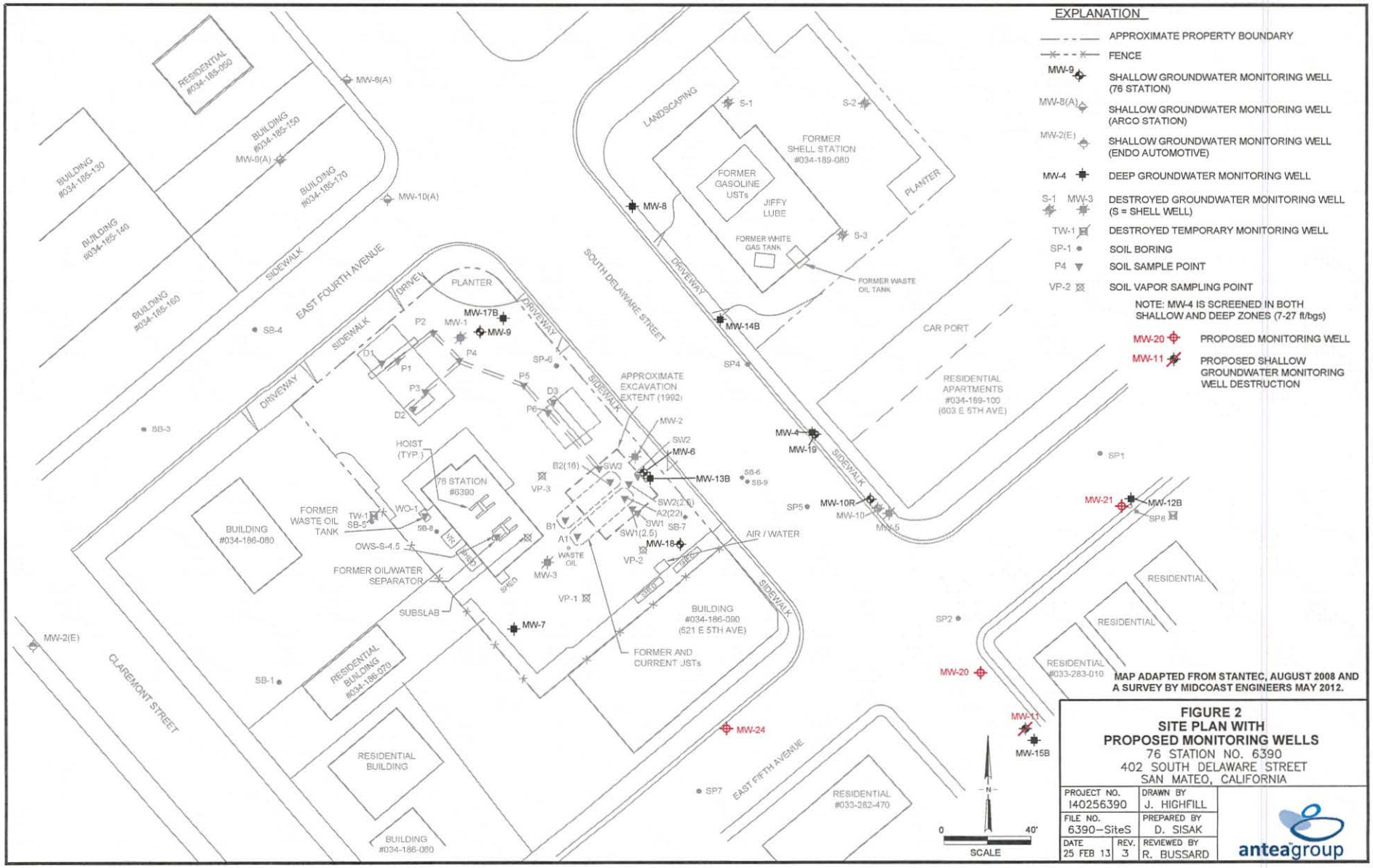


FIGURE 2
SITE PLAN WITH PROPOSED MONITORING WELLS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390-SiteS	D. SISAK
DATE / REV.	REVIEWED BY
25 FEB 13 / 3	R. BUSSARD

anteagroup

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 1014

P/E: 2010 **MONITORING WELLS - INSTALLATION/DESTRUCTION**

FACILITY:
500 E 4TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
1155 N 1ST STREET SUITE 201
SAN JOSE

WP0009482 FA0050947
034186080
AMOUNT PAID: 577.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/ VAPOR WELL INSTALL (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND
RO0000534

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 6/4/2013

EXPIRATION DATE: 10/4/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

MAY 29 2013

RECEIVED

PAID

CK. NO. 664651 #577

DATE

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION: [X] GROUNDWATER MONITORING / VAPOR WELL INSTALLATION [ ] CONSTRUCT SOIL BORINGS [ ] GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION [ ] EXTENSION OF PERMIT # ____
NO. OF WELLS 1 NO. OF BORINGS WELL/BORING NAMES MW-23

PURPOSE OF DRILLING: [X] ENVIRONMENTAL [ ] GEOTECHNICAL
REQUIRED BY: [X] COUNTY GPP (permit approval is not to be considered work plan approval) [ ] RWQCB/DTSC/USEPA (Provide approval letter) [ ] OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Taco Bell Restaurant ASSESSOR'S PARCEL # (REQUIRED) 034-186-060 (one per permit)
DRILLING LOCATION ADDRESS 500 East 4th Avenue CITY San Mateo ZIP 94402
To Be Constructed In: [ ] Public Property [X] Private Property [ ] Refuse [ ] Other
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 31 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 20 to 31 feet bgs Screen Interval 21 to 31 feet bgs
Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): [ ] Pressure Grouting (provide well construction logs) [ ] Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: [signature] Date: 3-7-2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Ethel Woong CONTACT PERSON Carrie Louie
ADDRESS 1255 Jackson Street CITY, STATE, ZIP San Francisco, CA 94109
TELEPHONE EMAIL carrie.louie@yahoo.com
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)*
X Property Owner's Signature: [signature] Date: 5/20/13

DRILLING COMPANY:

DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Date:

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Douglas Umland
Responsible Professional's Signature [signature] Date: 3-7-2013
California Professional Geologist (PG) No. 6057 or Civil Engineer (PE) No.

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA 50947

 2012 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, **is required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2012 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS:_____

County Approval: _____ RO/FA# 534 Date: 5-30-2013

Antea USA, Inc.
1155 North 1st Street, Suite 201
San Jose, California 95112 USA
www.anteagroup.com

May 28, 2013

Deno Milano
San Mateo County Environmental Health Services Division
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94403

Subject: ***Subsurface Drilling Permit Applications*** **for onsite and offsite subsurface drilling related to 76 Service Station No. 6390, 402 S Delaware Street, San Mateo, as requested in letter correspondence from the GPP dated 2/21/13.**

Dear Mr. Milano:

Antea Group is submitting the attached *Subsurface Drilling Permit Applications* for the installation of monitoring well MW-24 at the intersection of South Delaware Street and East 5th Avenue, the installation of monitoring well MW-22 and advancement of soil boring SB-11 at the 76 Service Station No. 6390, 402 S Delaware Street, San Mateo, and the installation of monitoring well MW-23 at 500 East 4th Avenue, San Mateo.

All proposed work is related to the 76 Service Station No. 6390, 402 South Delaware Street, San Mateo.

Please contact me if you have any questions or concerns.

Sincerely,

David Sisak
Staff Professional
Direct: (408) 317-8569
david.sisak@anteagroup.com
Antea Group

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION: [X] GROUNDWATER MONITORING / VAPOR WELL INSTALLATION [ ] CONSTRUCT SOIL BORINGS
[ ] GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION [ ] EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS _____ WELL/BORING NAMES MW-23

PURPOSE OF DRILLING: [X] ENVIRONMENTAL [ ] GEOTECHNICAL
REQUIRED BY: [X] COUNTY GPP (permit approval is not to be considered work plan approval) [ ] RWQCB/DTSC/USEPA (Provide approval letter) [ ] OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME Taco Bell Restaurant ASSESSOR'S PARCEL # (REQUIRED) 034-186-080 (one per permit)
DRILLING LOCATION ADDRESS 500 East 4th Avenue CITY San Mateo ZIP 94402
To Be Constructed In: [ ] Public Property [X] Private Property [ ] Refuse [ ] Other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 31 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 20 to 31 feet bgs Screen Interval 21 to 31 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): [ ] Pressure Grouting (provide well construction logs) [ ] Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Ethel Woong CONTACT PERSON Carrie Louie
ADDRESS 1258 Jackson Street CITY, STATE, ZIP San Francisco, CA 94109
TELEPHONE _____ EMAIL carrie.louie@yahoo.com
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: _____ **Date:** _____

DRILLING COMPANY:

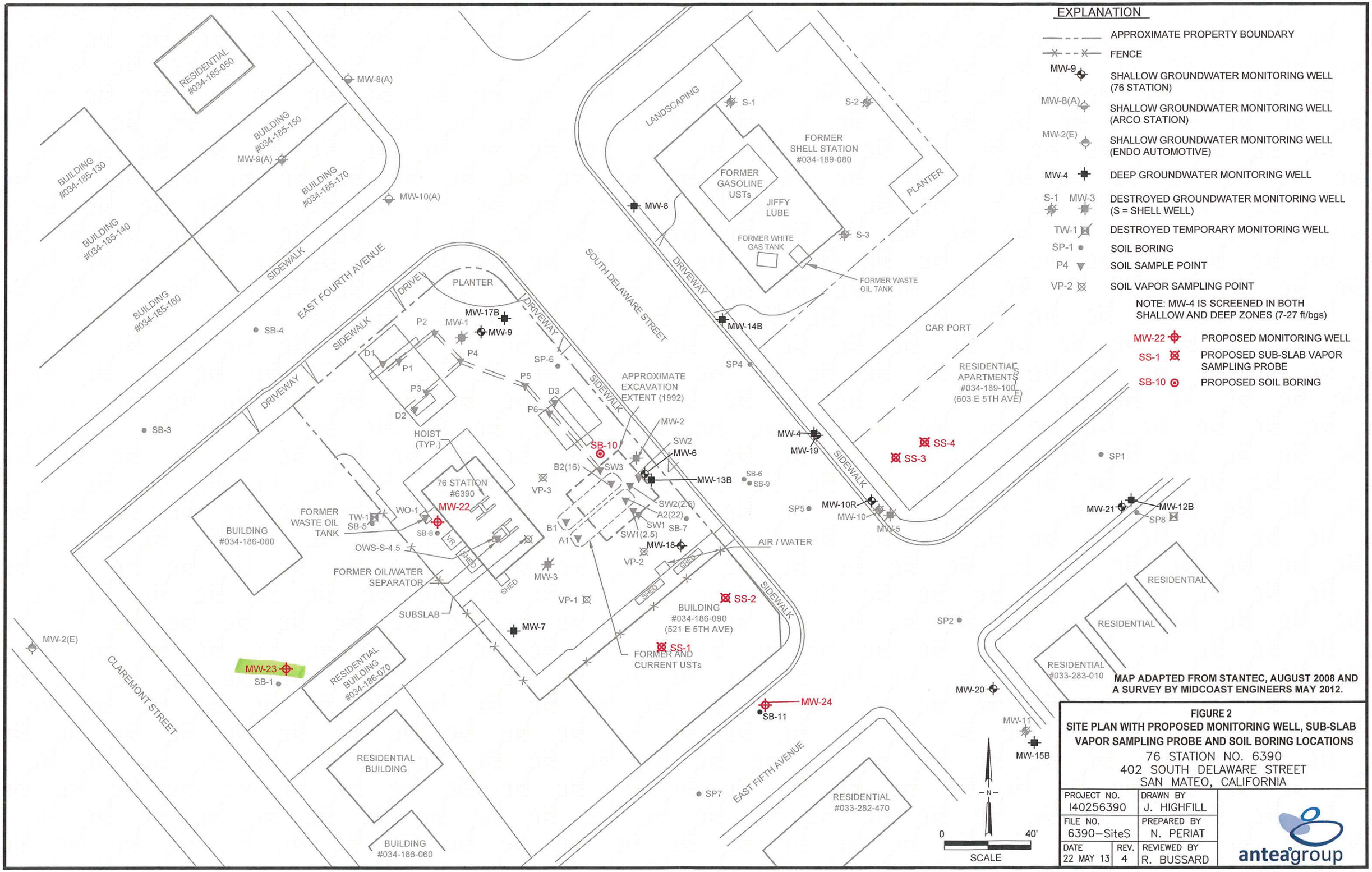
DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** 5/7/13

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) _____
Responsible Professional's Signature _____ **Date:** _____
California Professional Geologist (PG) No. _____ **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2
SITE PLAN WITH PROPOSED MONITORING WELL, SUB-SLAB VAPOR SAMPLING PROBE AND SOIL BORING LOCATIONS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390–SiteS		PREPARED BY N. PERIAT	
DATE 22 MAY 13	REV. 4	REVIEWED BY R. BUSSARD	

antea group

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 1015

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 & 600 BLOCK E 5TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
1155 N 1ST STREET SUITE 201
SAN JOSE

WP0009483 FA0053042
NO APN LISTED
AMOUNT PAID: 577.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/ VAPOR WELL INSTALL (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND
RO0000534

DENO MILANO
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 6/4/2013

EXPIRATION DATE: 10/4/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

MAY 29 2013

RECEIVED

PAID

CK. NO. #664651

DATE $577.

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☐ CONSTRUCT SOIL BORINGS
☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS _____ WELL/BORING NAMES MW-24

PURPOSE OF DRILLING ☒ ENVIRONMENTAL ☐ GEOTECHNICAL
REQUIRED BY ☒ COUNTY GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station No. 6390 ASSESSOR'S PARCEL # (REQUIRED) _____ (one per permit)
DRILLING LOCATION ADDRESS 500 and 600 Block East 5th Avenue CITY San Mateo ZIP 94402
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse ☐ Other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 21 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 5/23/2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: See attached CSM DPW Encroachment Permit Rider **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Douglas K. Umland
Responsible Professional's Signature _____ **Date:** 5-23-2013
California Professional Geologist (PG) No. 6139 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA 53042

 2013 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2013 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: _____

County Approval: _____ RO/FA# 534 Date: 5-30-2013

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION: [X] GROUNDWATER MONITORING / VAPOR WELL INSTALLATION [ ] CONSTRUCT SOIL BORINGS [ ] GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION [ ] EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS _____ WELL/BORING NAMES MW-24

PURPOSE OF DRILLING: [X] ENVIRONMENTAL [ ] GEOTECHNICAL
REQUIRED BY: [X] COUNTY GPP (permit approval is not to be considered work plan approval) [ ] RWQCB/DTSC/USEPA (Provide approval letter) [ ] OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station No. 6390 ASSESSOR'S PARCEL # (REQUIRED) _____ (one per permit)
DRILLING LOCATION ADDRESS 500 and 600 Block East 5th Avenue CITY San Mateo ZIP 94402
To Be Constructed In: [X] Public Property [ ] Private Property [ ] Refuse [ ] Other _____
Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently
Maximum Proposed Depth Wells/Borings 21 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): [ ] Pressure Grouting (provide well construction logs) [ ] Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ Date: 5/23/2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL _____
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: See attached CSM DPW Encroachment Permit Rider Date: _____

DRILLING COMPANY:

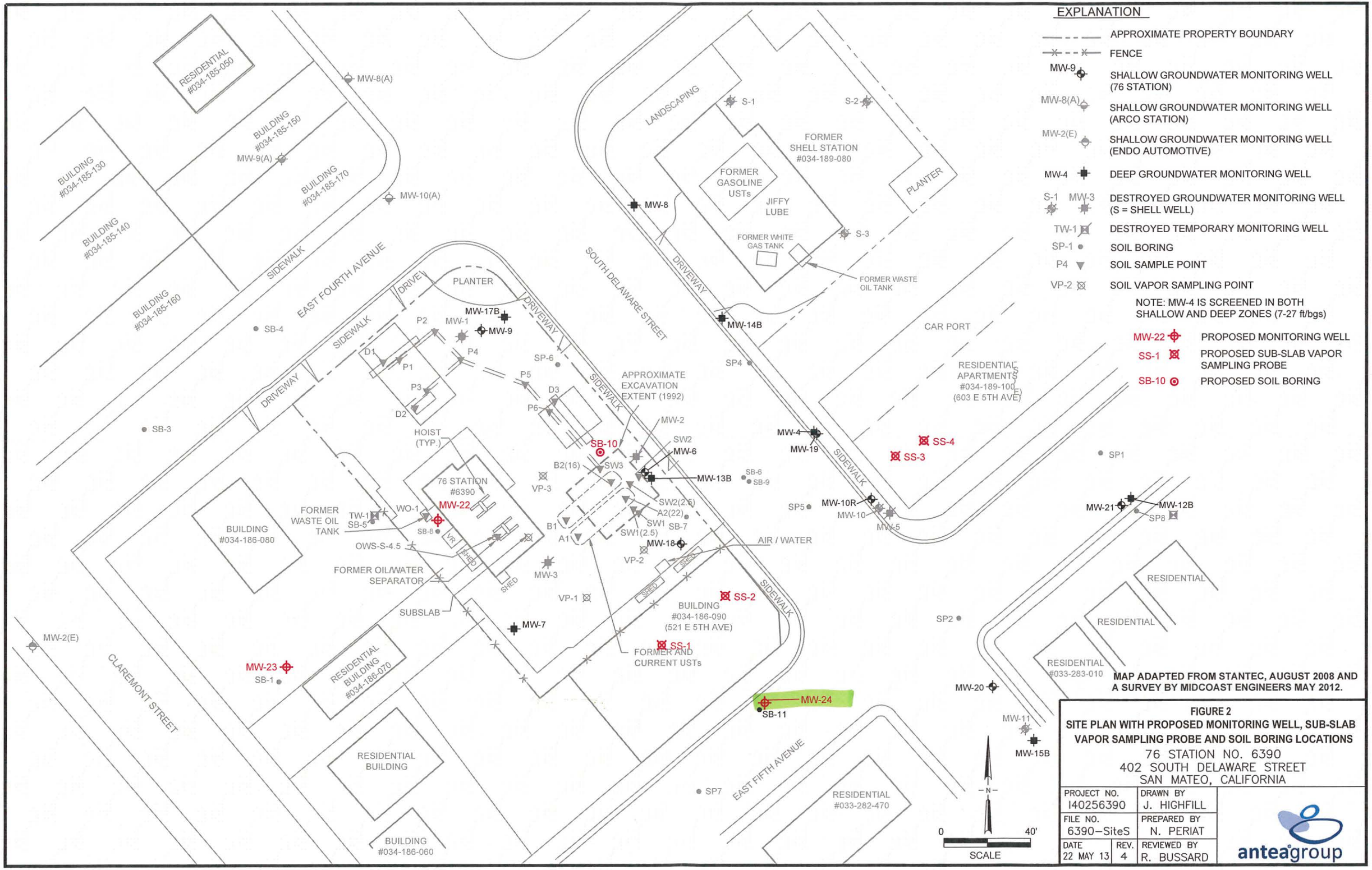
DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ Date: 5/24/13

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Douglas K. Umland
Responsible Professional's Signature _____ Date: 5-23-2013
California Professional Geologist (PG) No. 10139 or Civil Engineer (PE) No. _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2
SITE PLAN WITH PROPOSED MONITORING WELL, SUB-SLAB VAPOR SAMPLING PROBE AND SOIL BORING LOCATIONS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS		PREPARED BY N. PERIAT	
DATE 22 MAY 13	REV. 4	REVIEWED BY R. BUSSARD	

antea group

CITY OF SAN MATEO **PUBLIC WORKS DEPARTMENT** **330 West 20th Avenue** **San Mateo, CA 94403** **650 522-7300 office** **650 522-7301 fax** ***ENCROACHMENT PERMIT RIDER***	Original Permit #: 4819 Site Address: 402 S Delaware, E 5th Ave Rider #: 10 Insurance Reviewed By: jd Limit OK? yes Date Expires: 10/01/13

TO: **Antea Group** **DATE:** 3/12/13

312 Piercy Road

San Jose, CA 95138, Permittee

In compliance with (☒ your ☐ our) request, the City of San Mateo, Public Works Department is hereby amending the above-referenced encroachment permit as follows:

Same conditions as original permit, and subsequent riders. To install 3 monitoring wells (MW-20, 21, 24) on E 5th Ave., and destroy 1 monitoring well (MW-11) on S Delaware St. Traffic control per Caltrans standards and approved attached traffic control plan. **No street closures allowed, must allow through traffic at all times.** Contractor must notify PW Inspections 650/522-7522 xt 6900, Police 650/522-7740, Fire 650/522-7940, and County Communications 650/363-4961, at least 24 - 48 hours before any proposed lane closures. Refund upon submittal of test results, and abandonment of all wells in the public right-of-way related to this permit.

Permit Expiration Date extended to: ☒ 10/01/13
☐ No Change

Except as amended, all other terms and provisions of the original permit shall remain in effect.

Approved: Gary Heap, P.E., Senior Civil Engineer	
By: J Dulk	Date: 3/12/13

cc: Construction Manager
Construction Inspector
Permit file

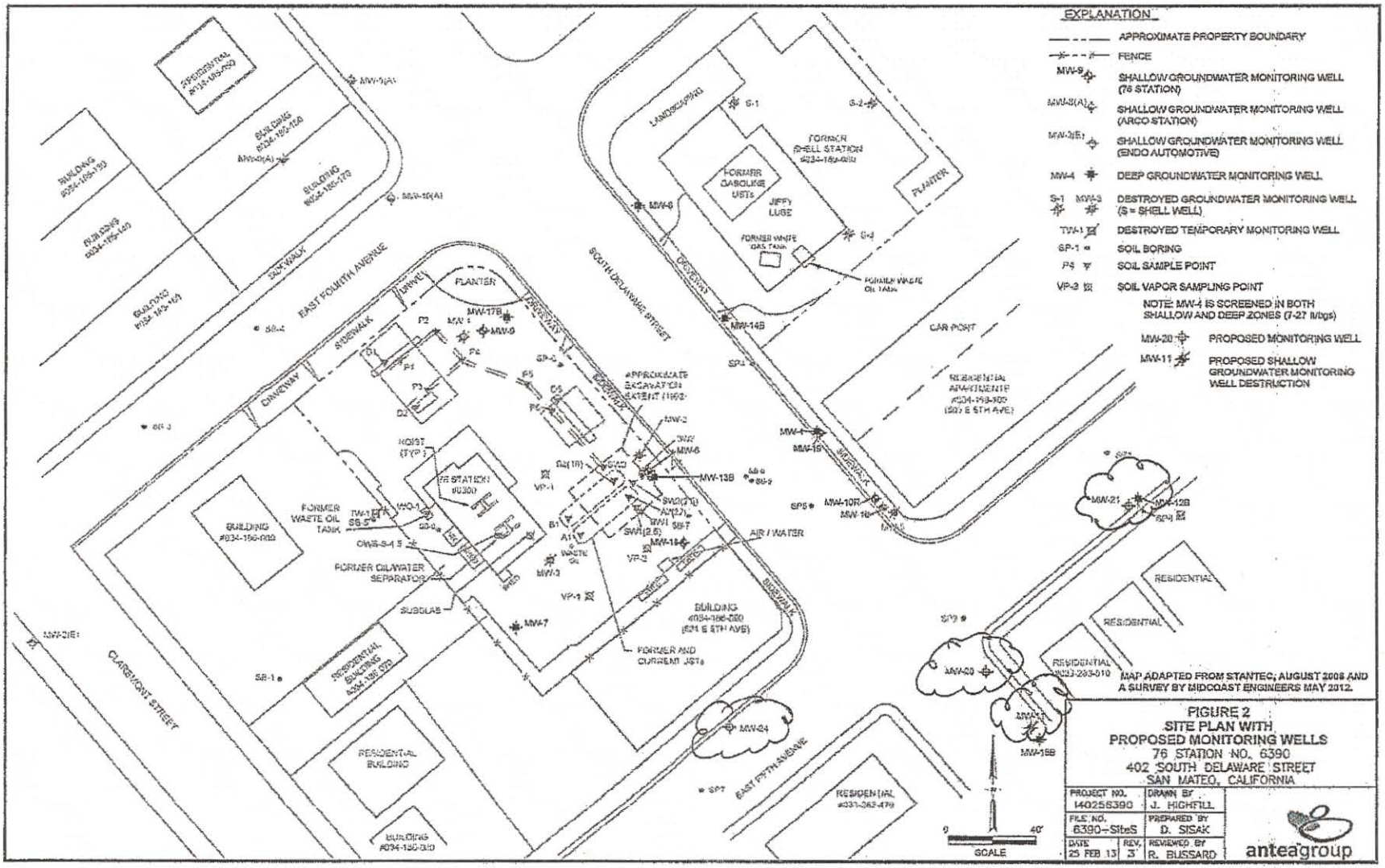
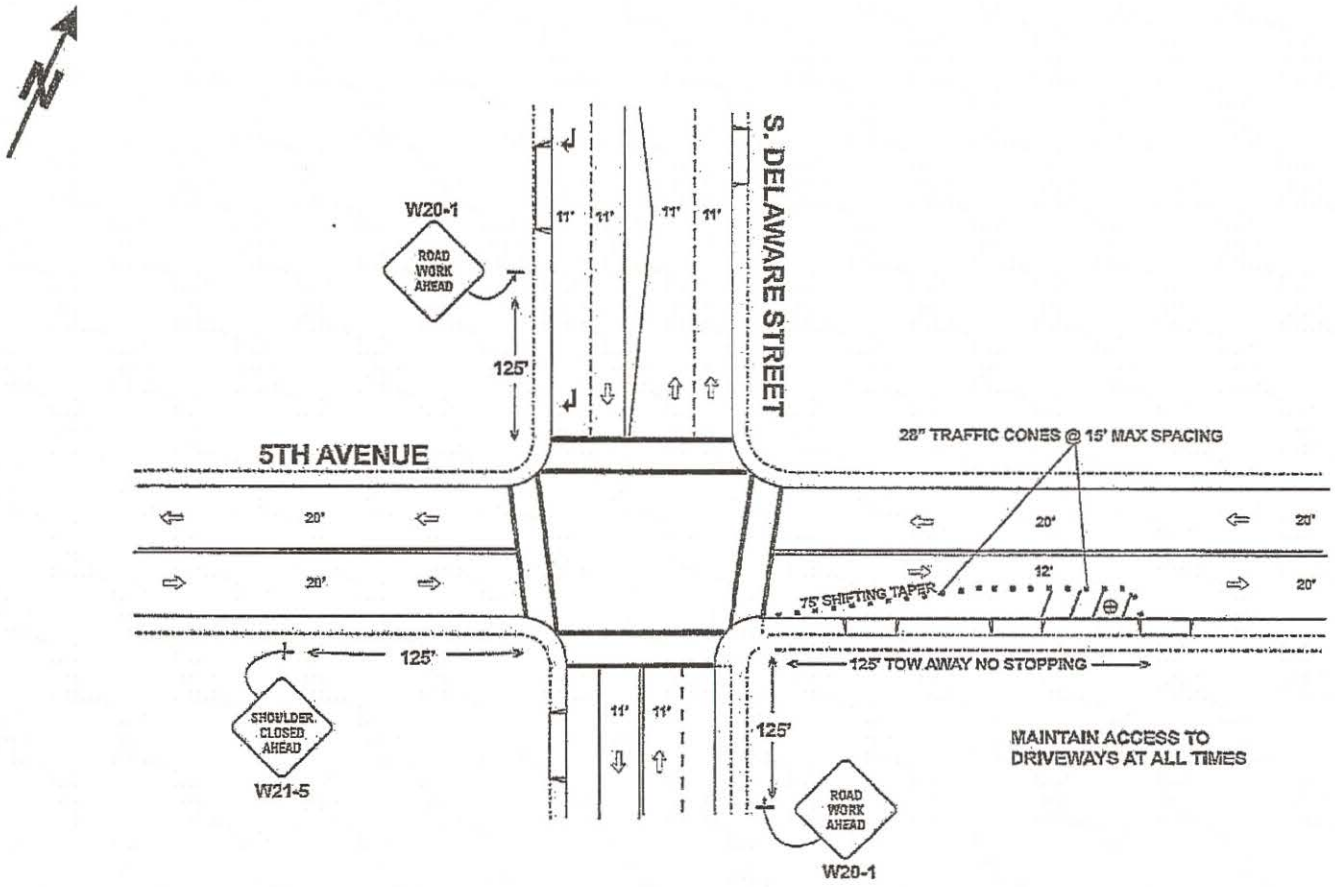


FIGURE 2
SITE PLAN WITH PROPOSED MONITORING WELLS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390	DRAWN BY J. HIGHFILL
FILE NO. 6390-SiteS	PREPARED BY D. SISAK
DATE 25 FEB 13 / REV. 3	REVIEWED BY R. BUSSARD

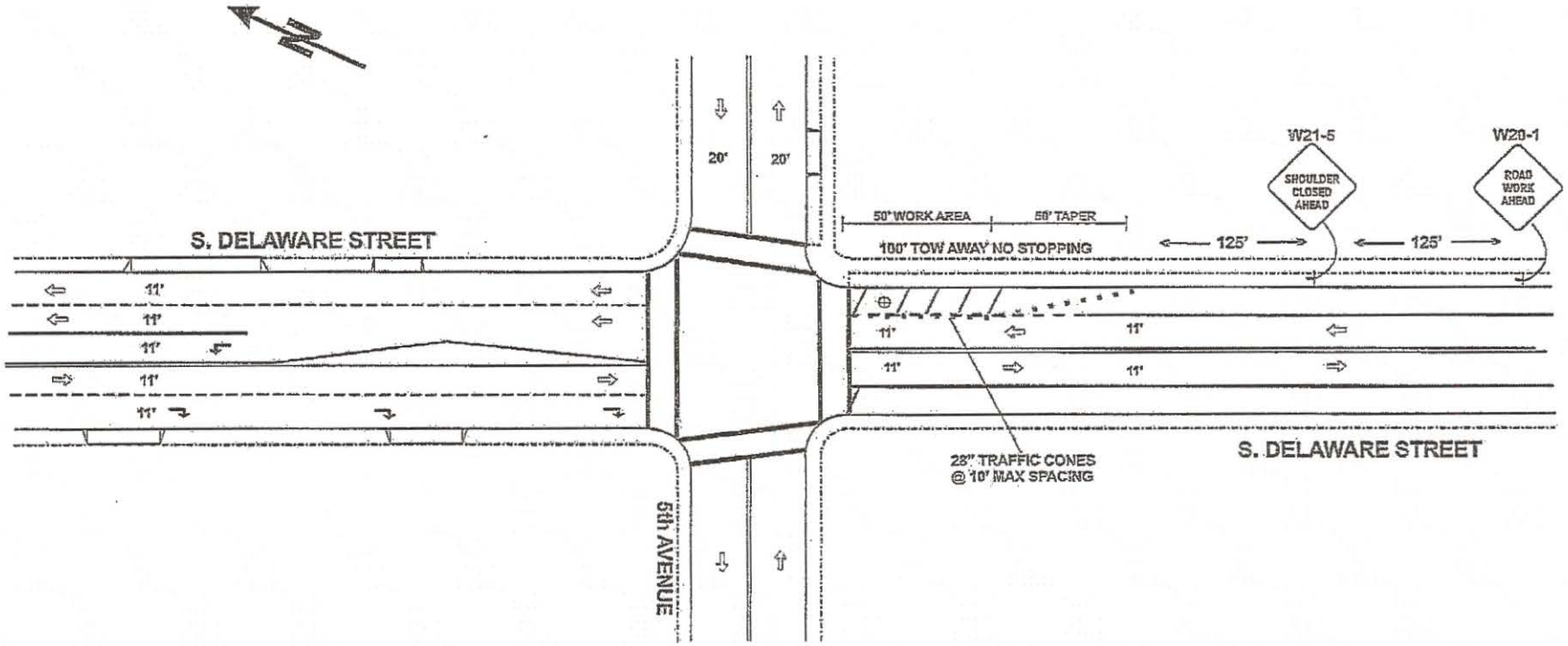
anteagroup

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
MW-21



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA. 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
(MW-20 RELOCATED)
OPTION B



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA. 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

CITY OF SAN MATEO
TREASURER'S RECEIPT

CONTROL 223919
DATE 3/12/13

RECEIVED FROM Antea Group
ADDRESS 312 Piercy Rd, San Jose, CA 95138
AMOUNT $ 312.00

GL REVENUE ACCT: XX – XXXX – XXXXXX PROJ. REVENUE ACCT: XXXXXX – XXX – XXXX	AMOUNT	DESCRIPTION
10-4662-346203	312.00	E.P. Fee - Permit # 4819 Rider # 10 402 S Delaware St + E. 5th Ave. check # 663501

DEPARTMENT PW

CITY EMPLOYEE SIGNATURE DB

---

anteagroup

Antea USA, Inc.
5910 Rice Creek Parkway, Ste 100
Shoreview, MN 55126
(651) 639-9449

PNC BANK, N.A. 060
New Jersey
Corporate Banking
Metro Park Plaza, Edison, NJ 08818
55-277/312

663501

663501

11/28/2012

PAY **********312 DOLLARS AND **********00 CENTS $**********312.00

VOID AFTER 120 DAYS

TO THE ORDER OF
City of San Mateo
330 West 20th Avenue
San Mateo, CA 94403 US

AUTHORIZED SIGNATURE

Security features. Details on back.

⑈663501⑈ ⑆031202770⑆ 8026241482⑈

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 13- 1192

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
402 S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
1155 N 1ST STREET SUITE 201
SAN JOSE

WP0009484 FA0051532
034186110
AMOUNT PAID: 577.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/ VAPOR WELL INSTALL (1)
CONSTRUCT SOIL BORINGS (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DOUGLAS UMLAND
RO0000534

DENO MILANO

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 6/4/2013

EXPIRATION DATE: 10/4/2013

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

SAN MATEO COUNTY ENVIRONMENTAL HEALTH

MAY 29 2013

RECEIVED

2013 SUBSURFACE DRILLING PERMIT APPLICATION

PAID

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES: CK# 6665651
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW FOUR (4) WORKING DAYS FOR PROCESSING PERMIT, DRILLING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF AT LEAST TWO (2) WORKING DAYS (48 HOURS) IN ADVANCE BUT AT LEAST TWO (2) WORKING DAYS AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
- [x] GROUNDWATER MONITORING / VAPOR WELL INSTALLATION
- [ ] GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION
- [x] CONSTRUCT SOIL BORINGS
- [ ] EXTENSION OF PERMIT # _____

NO. OF WELLS 1 NO. OF BORINGS 1 WELL/BORING NAMES MW-22 and SB-10

PURPOSE OF DRILLING
- [x] ENVIRONMENTAL
- [ ] GEOTECHNICAL

REQUIRED BY
- [x] COUNTY GPP (permit approval is not to be considered work plan approval)
- [ ] RWQCB/DTSC/USEPA (Provide approval letter)
- [ ] OTHER (i.e. voluntary)

SITE/ DRILLING INFORMATION

SITE NAME 76 Service Station No. 6390 ASSESSOR'S PARCEL # (REQUIRED) 034-186-110 (one per permit)

DRILLING LOCATION ADDRESS 402 S Delaware Street CITY San Mateo ZIP 94402

To Be Constructed In: [ ] Public Property [x] Private Property [ ] Refuse [ ] Other _____

Schematics for construction only may be submitted in lieu of description below, particularly if wells will be constructed differently

Maximum Proposed Depth Wells/Borings 21 (feet) Drilling Method Direct Push/Hollow Stem Auger

Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs

Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite):
- [ ] Pressure Grouting (provide well construction logs)
- [ ] Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland

ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112

TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*

Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 3-7-2013

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Lucile Benedetti CONTACT PERSON Shane Nolan (Western Dealer Holding Co.)

ADDRESS 555 Laurel Ave, Apt 425 CITY, STATE, ZIP San Mateo, CA 94401

TELEPHONE 818-206-5705 (Shane Nolan) EMAIL snolan@platinum-energy.net (Shane Nolan)

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)

Property Owner's Signature: Lucile Benedetti **Date:** 5-20-13

DRILLING COMPANY:

DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner

ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553

Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.

Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland

ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901

CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*

Responsible Professional's Name (Please print legibly) Douglas Umland

Responsible Professional's Signature _____ **Date:** 3-7-2013

California Professional Geologist (PG) No. 6159 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA 51532

 2012 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology, at a minimum, **is required** by County Staff. Upon review of information on this application and the submitted work plan, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional (consultant) to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for mobilizations associated with originally permitted boring/monitoring well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted by County GPP, within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time, at least one minute prior to the notified start time, will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2012 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, commercial, or irrigation water supply.

I. All work plans and reports related to work performed under County oversight **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS:_____

County Approval: _____ RO/FA# 534 Date: 5-30-2013

2013 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

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REQUIRED BY: [X] COUNTY GPP (permit approval is not to be considered work plan approval) [ ] RWQCB/DTSC/USEPA (Provide approval letter) [ ] OTHER (i.e. voluntary)

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DRILLING LOCATION ADDRESS 402 S Delaware Street CITY San Mateo ZIP 94402
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Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method (6 gallons water max per 94 lb cement, up to 5% bentonite): [ ] Pressure Grouting (provide well construction logs) [ ] Overdrilling (guide rods for entire depth required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4901 EMAIL douglas.umland@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this applicationand to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
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PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME Lucile Benedetti CONTACT PERSON Shane Nolan (Western Dealer Holding Co.)
ADDRESS 555 Laurel Ave, Apt 425 CITY, STATE, ZIP San Mateo, CA 94401
TELEPHONE 818-206-5705 (Shane Nolan) EMAIL snolan@platinum-energy.net (Shane Nolan)
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DRILLING COMPANY:

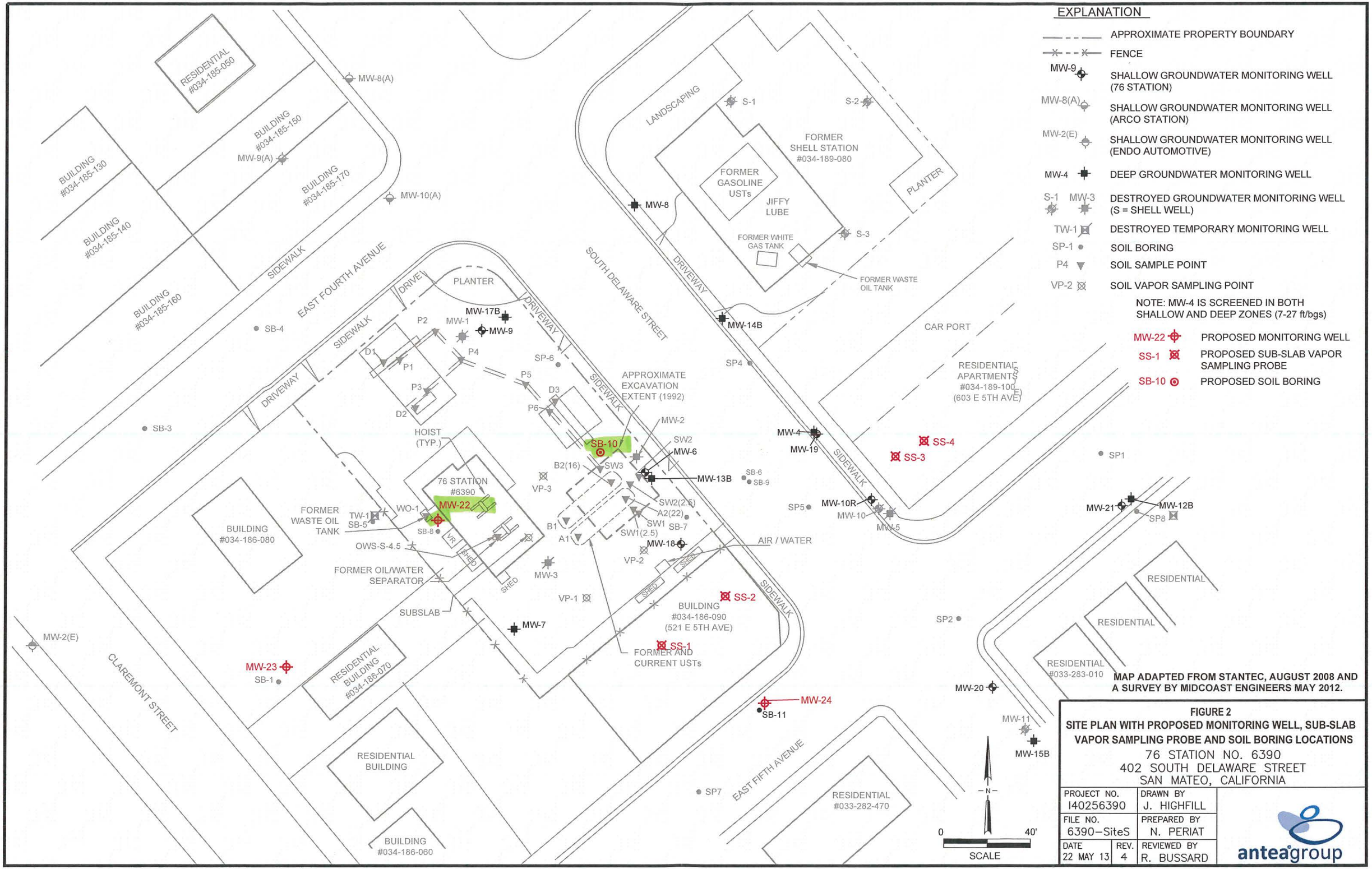
DRILLING COMPANY Gregg Drilling CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
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Driller's Signature: _____ **Date:** 3/7/13

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER Douglas Umland
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4901
CITY, STATE, ZIP San Jose, CA 95112 EMAIL douglas.umland@anteagroup.com
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Responsible Professional's Name (Please print legibly) _____
Responsible Professional's Signature _____ **Date:** _____
California Professional Geologist (PG) No. _____ **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2
SITE PLAN WITH PROPOSED MONITORING WELL, SUB-SLAB VAPOR SAMPLING PROBE AND SOIL BORING LOCATIONS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL
FILE NO. 6390–SiteS		PREPARED BY N. PERIAT
DATE 22 MAY 13	REV. 4	REVIEWED BY R. BUSSARD

antea group

CITY OF SAN MATEO **PUBLIC WORKS DEPARTMENT** **330 West 20th Avenue** **San Mateo, CA 94403** **650 522-7300 office** **650 522-7301 fax** ***ENCROACHMENT PERMIT RIDER***	Original Permit #: 4819 Site Address: 402 S Delaware, E 5th Ave Rider #: 10 Insurance Reviewed By: jd Limit OK? yes Date Expires: 10/01/13

TO: **Antea Group** **DATE:** 3/12/13

312 Piercy Road

San Jose, CA 95138, Permittee

In compliance with (☒ your ☐ our) request, the City of San Mateo, Public Works Department is hereby amending the above-referenced encroachment permit as follows:

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Permit Expiration Date extended to: ☒ 10/01/13
☐ No Change

Except as amended, all other terms and provisions of the original permit shall remain in effect.

Approved: Gary Heap, P.E., Senior Civil Engineer	
By:	Date: 3/12/13

cc: Construction Manager
Construction Inspector
Permit file

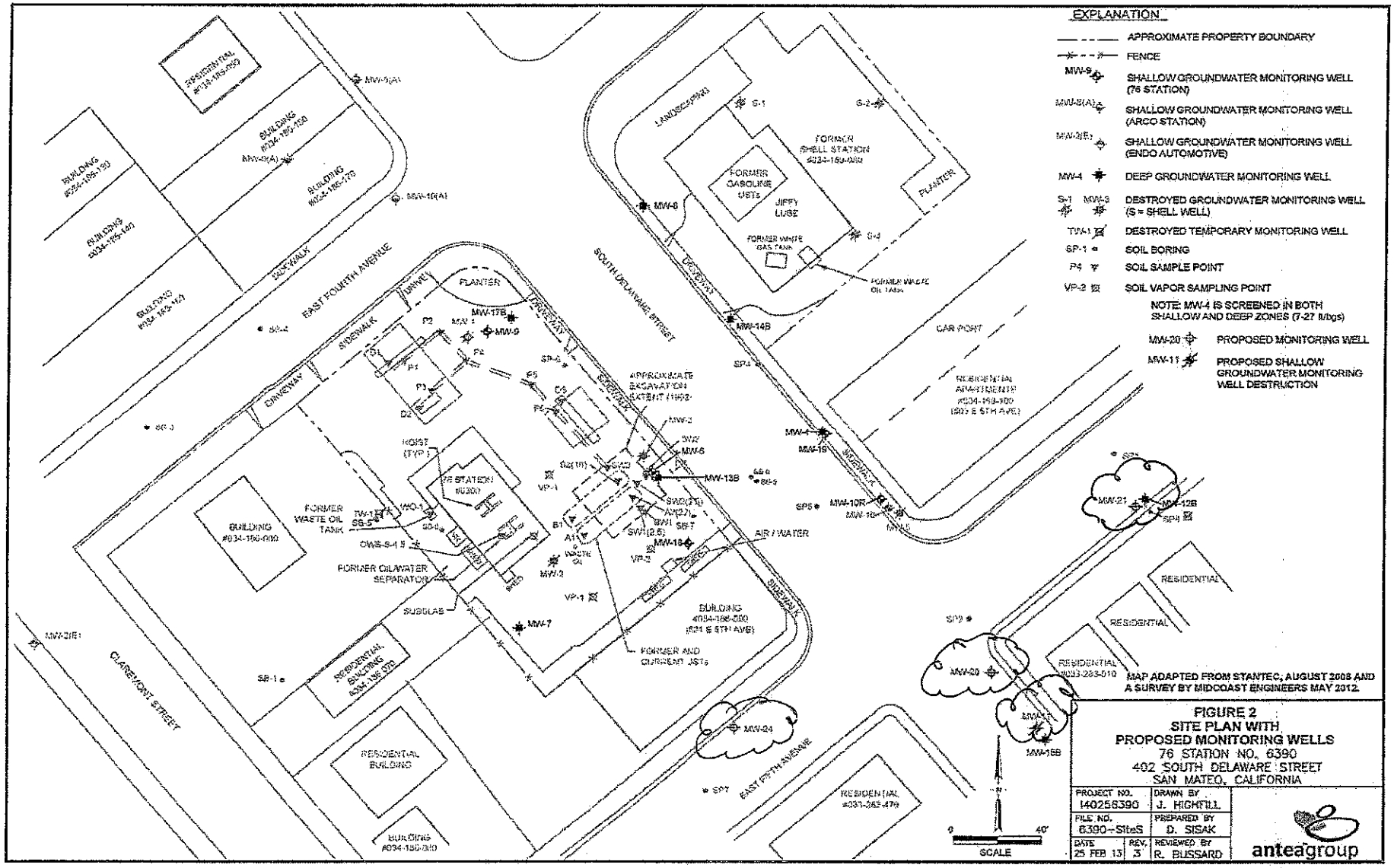
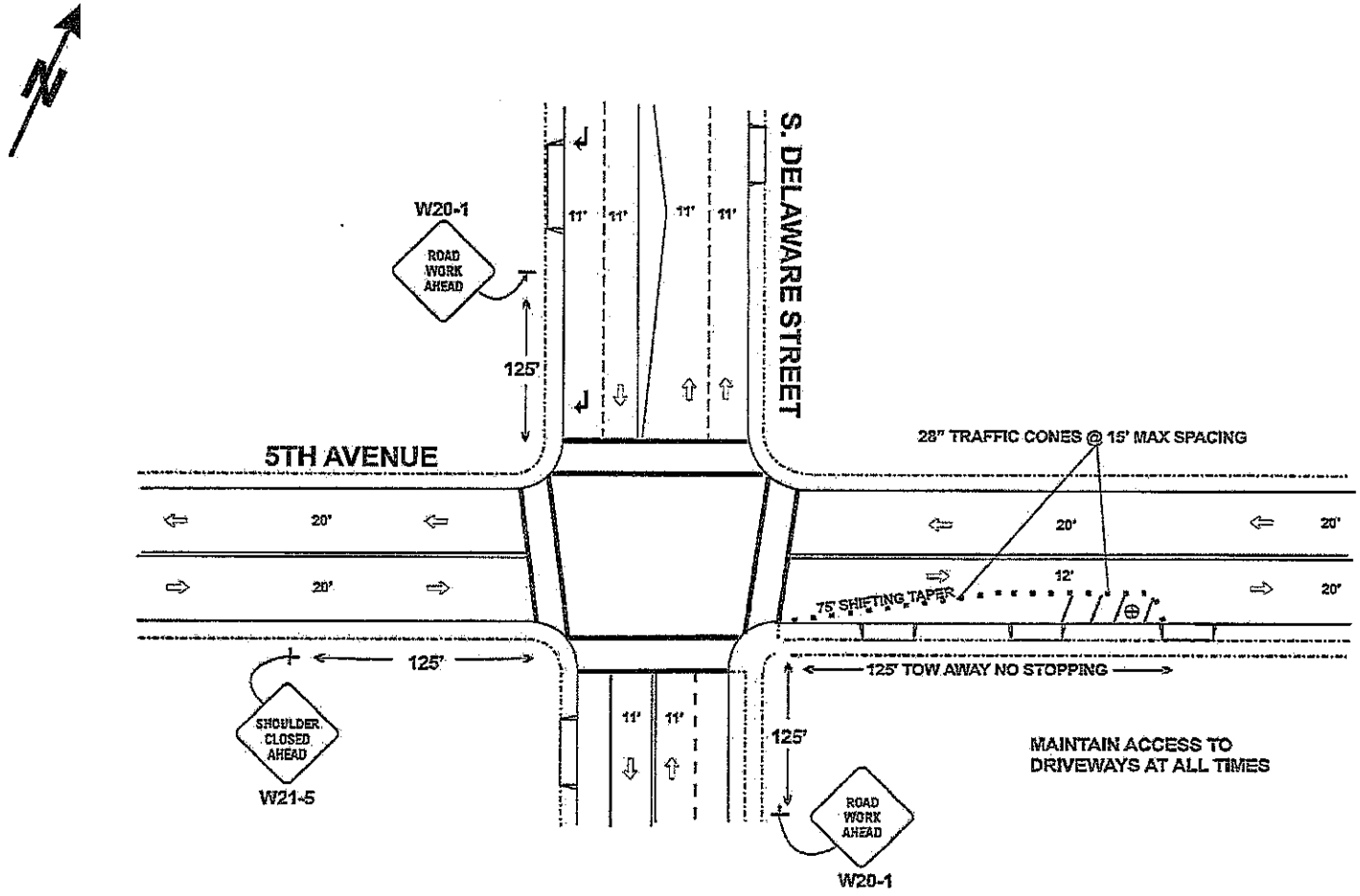


FIGURE 2
SITE PLAN WITH PROPOSED MONITORING WELLS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHTILL
FILE NO.	PREPARED BY
6390-SiteS	D. SISAK
DATE	REV. / REVIEWED BY
25 FEB 13	3 / R. BUSSARD

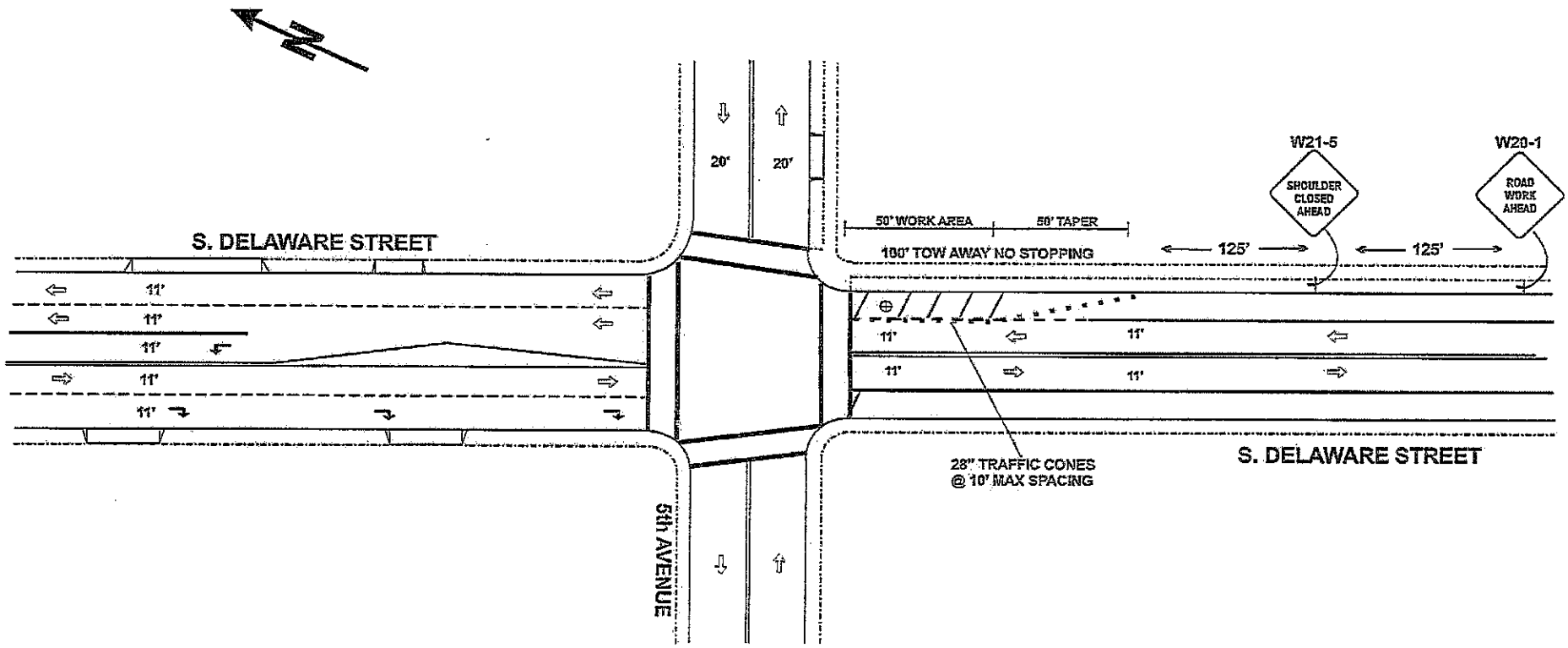
antea group

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
MW-21



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA. 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

TRAFFIC CONTROL PLAN - S. DELAWARE STREET @ 5TH AVENUE, SAN MATEO
(MW-20 RELOCATED)
OPTION B



PREPARED BY: ROBERT SCULLY
HIGHWAY TECHNOLOGIES, INC.
1277 OLD BAYSHORE HWY.
SAN JOSE CA. 95112
(408) 295-8210
(408) 998-5939 FAX
C-31 C-32 CONTRACTORS LIC. 796782

CITY OF SAN MATEO
TREASURER'S RECEIPT

CONTROL 223919
DATE 3/12/13

RECEIVED FROM Antea Group
ADDRESS 312 Piercy Rd, San Jose, CA 95138
AMOUNT $ 312.00

GL REVENUE ACCT: XX – XXXX – XXXXXX PROJ. REVENUE ACCT: XXXXXX - XXX – XXXX	AMOUNT	DESCRIPTION
10-4662-340203	312.00	E.P. Fee - Permit #4819 Rider # 10 402 S Delaware St + E. 5th Ave. check #663501

DEPARTMENT: PW
CITY EMPLOYEE SIGNATURE: [signature]

---

anteagroup

Antea USA, Inc.
5910 Rice Creek Parkway, Ste 100
Shoreview, MN 55126
(651) 639-9449

PNC BANK, N.A. 060
New Jersey
Corporate Banking
Metro Park Plaza, Edison, NJ 08818
55-277/312

663501

663501

11/28/2012

PAY **********312 DOLLARS AND **********00 CENTS $**********312.00

VOID AFTER 120 DAYS

TO THE ORDER OF: City of San Mateo
330 West 20th Avenue
San Mateo, CA 94403 US

[signature]
AUTHORIZED SIGNATURE

Security features. Details on back.

⑈663501⑈ ⑆031202770⑆ 8026241482⑈

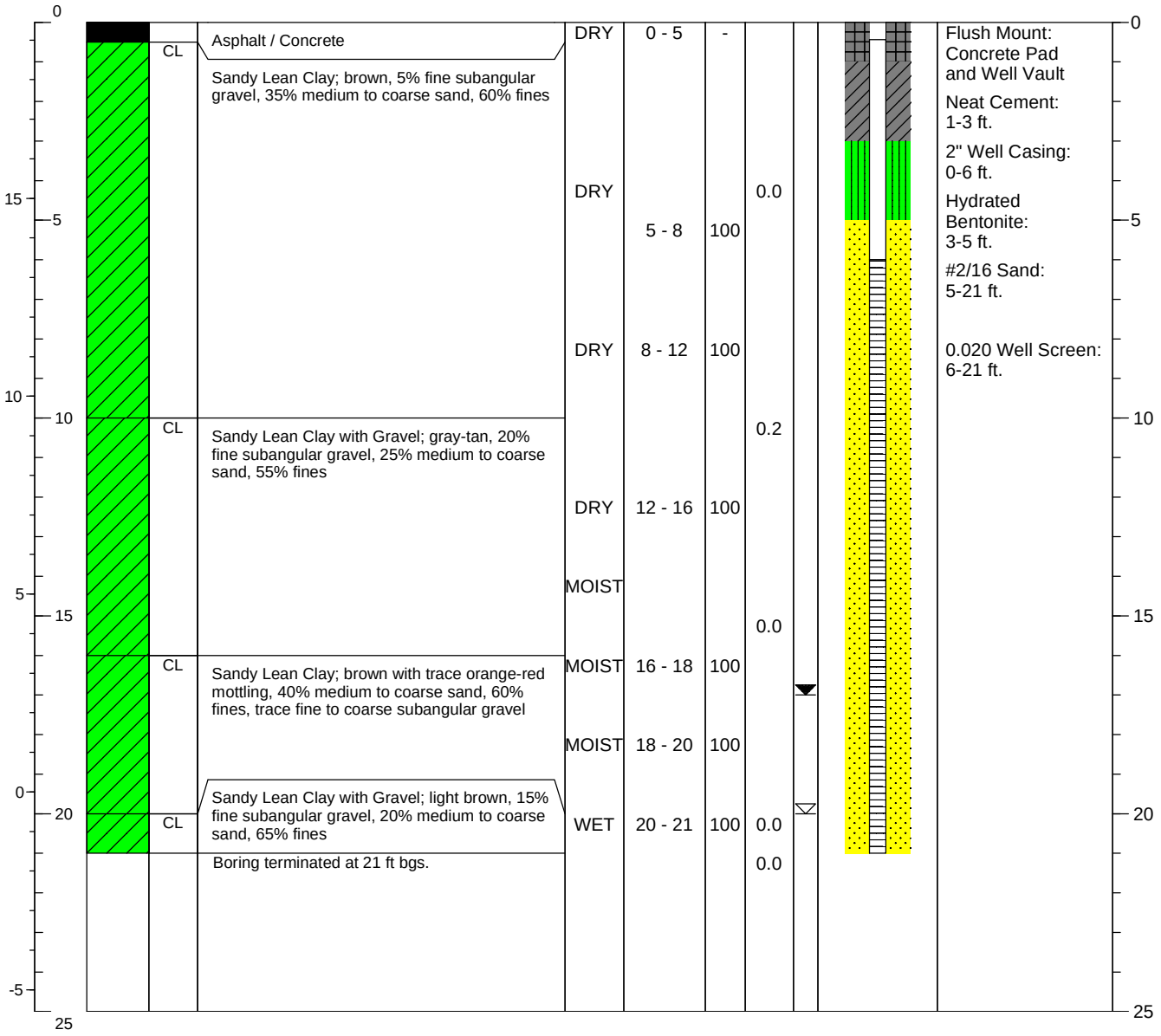
Appendix E

Boring Logs

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-20**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **19.45**	Top of Casing Elevation: **19.01**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **3/14/13**	Date Drilling Completed **3/14/13**

LITHOLOGY **SAMPLING DATA**



Air Knife 0-5 ft. No samples collected.

First Encountered Groundwater Static Groundwater

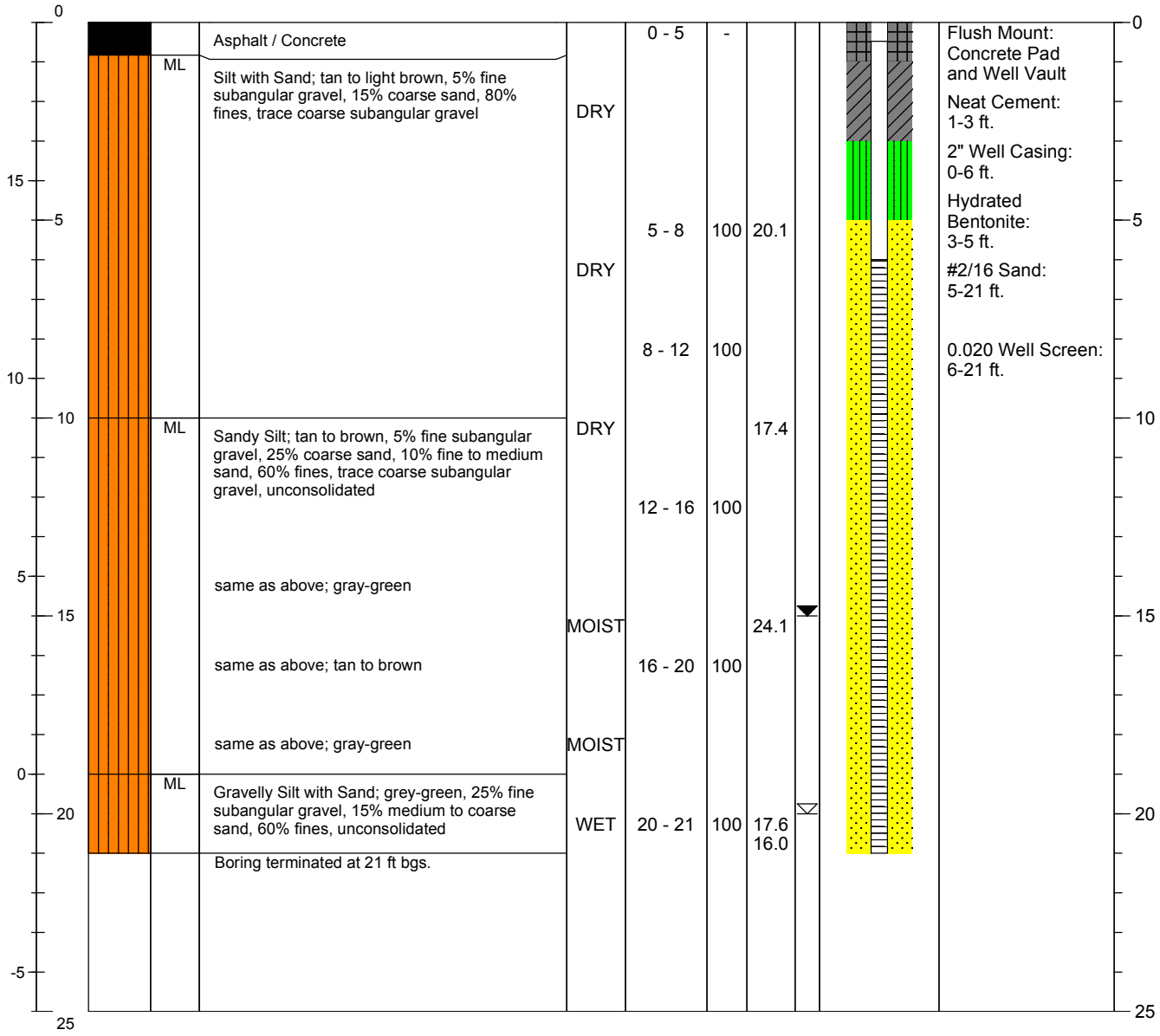
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INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-21**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **19.00**	Top of Casing Elevation: **18.52**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By: **D. Sisak** Approved By: **D. Umland**	Sampling Method **Direct Push**	Well Depth: **21 ft.** Casing Type: **Schedule 40 PVC**	Well Screen Interval: **6 - 21 ft.** Slot Size: **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **3/14/13**	Date Drilling Completed **3/14/13**

LITHOLOGY **SAMPLING DATA**



Air Knife 0-5 ft. No samples collected.

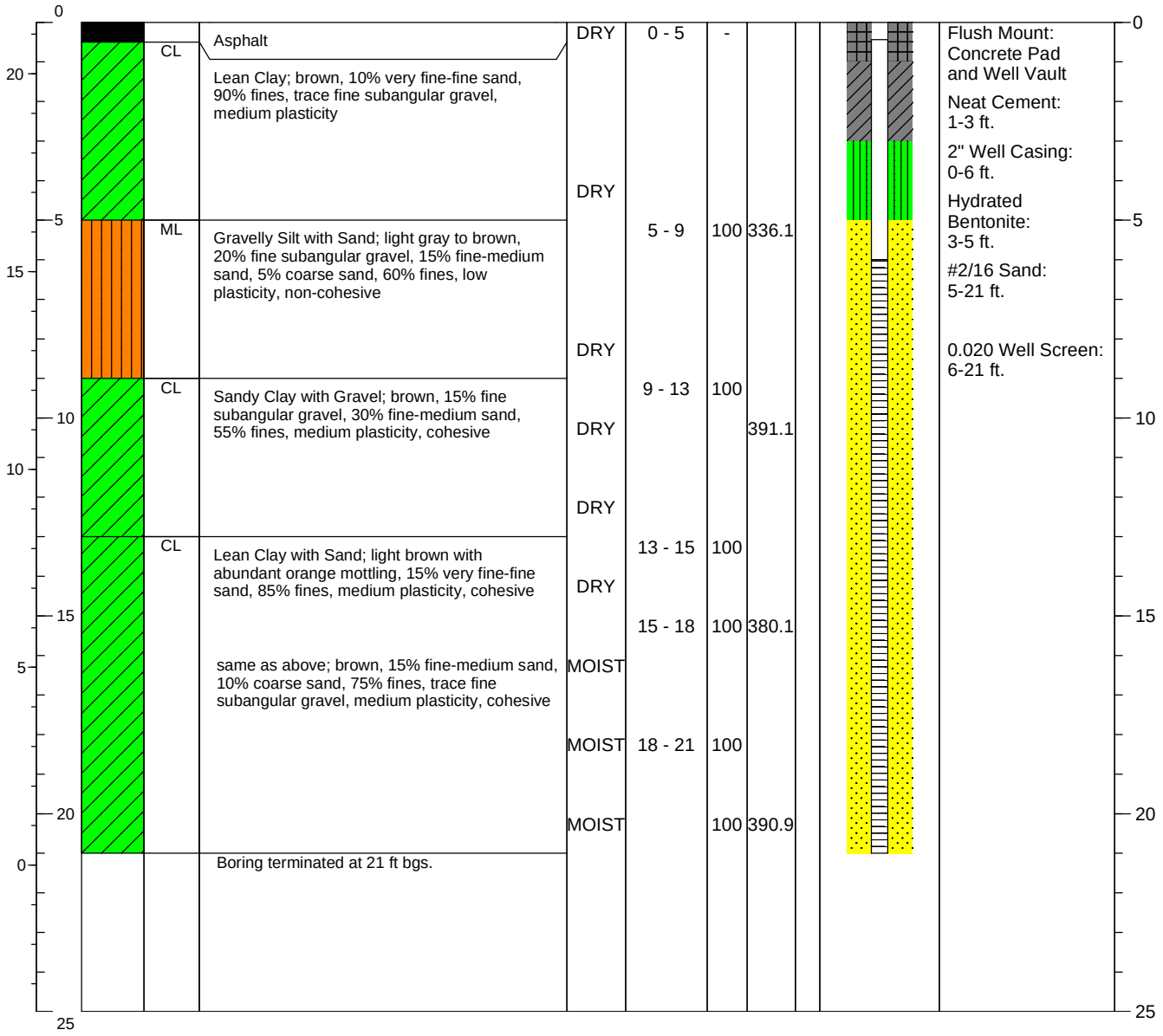
▽ First Encountered Groundwater ▼ Static Groundwater

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INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-22**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **21.30**	Top of Casing Elevation: **20.86**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/26/13**	Date Drilling Completed **6/26/13**



Air Knife 0-5 ft. No samples collected.

First Encountered Groundwater Static Groundwater

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INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		MW-23

Address 402 South Delaware Street San Mateo California	Drilling Contractor Gregg D&T Inc. Drilling Method Direct Push / Hollow Stem Auger	Ground Surface Elevation: 22.79 Boring Depth 31 ft.	Top of Casing Elevation: 22.33 Boring Diameter 8 in.
Logged By D. Sisak / Approved By D. Umland	Sampling Method Direct Push	Well Depth 31 ft. / Casing Type Schedule 40 PVC	Well Screen Interval 21 - 31 ft. / Slot Size 0.02 in.
Antea Group Project Number I40256390	Headspace Monitoring Device PID	Date Drilling Started 6/26/13	Date Drilling Completed 6/29/13

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Well Diagram	Well Details	Depth
	0			Asphalt							Flush Mount: Concrete Pad and Well Vault	0
20			ML	Plastic Debris Sandy Silt; brown, 10% fine subangaular gravel, 30% fine-medium sand, 60% fines, low plasticity							Neat Cement: 1-18 ft. 2" Well Casing: 0-21 ft.	
	5		GM	Silty Gravel with Sand; brown, 50% coarse subangular gravel, 15% fine subangular gravel, 10% very fine-medium sand, 25% fines, non-cohesive NOTE: Gravel appears to be non-native, rough crystalline fill (most likely debris fill) On 6/26/13, a hard surface was encountered that ended up being gravel at 7 ft bgs; stopped drilling and brought an A-VC rig out 6/29/13 to clear surface.	DRY	10-11.5	100	39.6				5
15												
	10											10
10												
	15		ML	Silt with Gravel; brown, 15% coarse subangular, non-native crystalline gravel, 5% fine subangular gravel, 80% fines, trace medium-coarse sand, low plasticity	DRY	15-16.5	100	296.6				15
5											Hydrated Bentonite: 18-20 ft.	
	20		ML	Silt; brown with abundant orange mottling, >95% fines, trace fine subangular gravel, trace fine-coarse sand, low plasticity, cohesive	MOIST	20-21.5	100	240.2			#2/16 Sand: 20-31 ft. 0.020 Well Screen: 21-31 ft.	20
0												
	25											25

Air Knife 0-5 ft. No samples collected.

First Encountered Groundwater Static Groundwater

antea group

INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-23**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **22.79**	Top of Casing Elevation: **22.33**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **31 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **31 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **21 - 31 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/26/13**	Date Drilling Completed **6/29/13**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Well Diagram	Well Details	Depth
	25		ML	Silt; brown, 10% fine-medium sand, 90% fines, trace fine subangular gravel, low plasticity, cohesive	MOIST	25-26.5	100	306.4			#2/16 Sand: 20-31 ft. 0.020 Well Screen: 21-31 ft.	25
-5												
	30		SW-SC	Well Graded Sand with Clay and Gravel; brown, 20% fine subangular-subrounded gravel, 60% medium-coarse sand, 10% very fine-fine sand, 10% fines, cohesive	WET	29.5-31	100	181.5	▽			30
-10				Boring terminated at 31 ft bgs.								
	35											35
-15												
	40											40
-20												
	45											45
-25												
	50											50

Air Knife 0-5 ft. No samples collected.

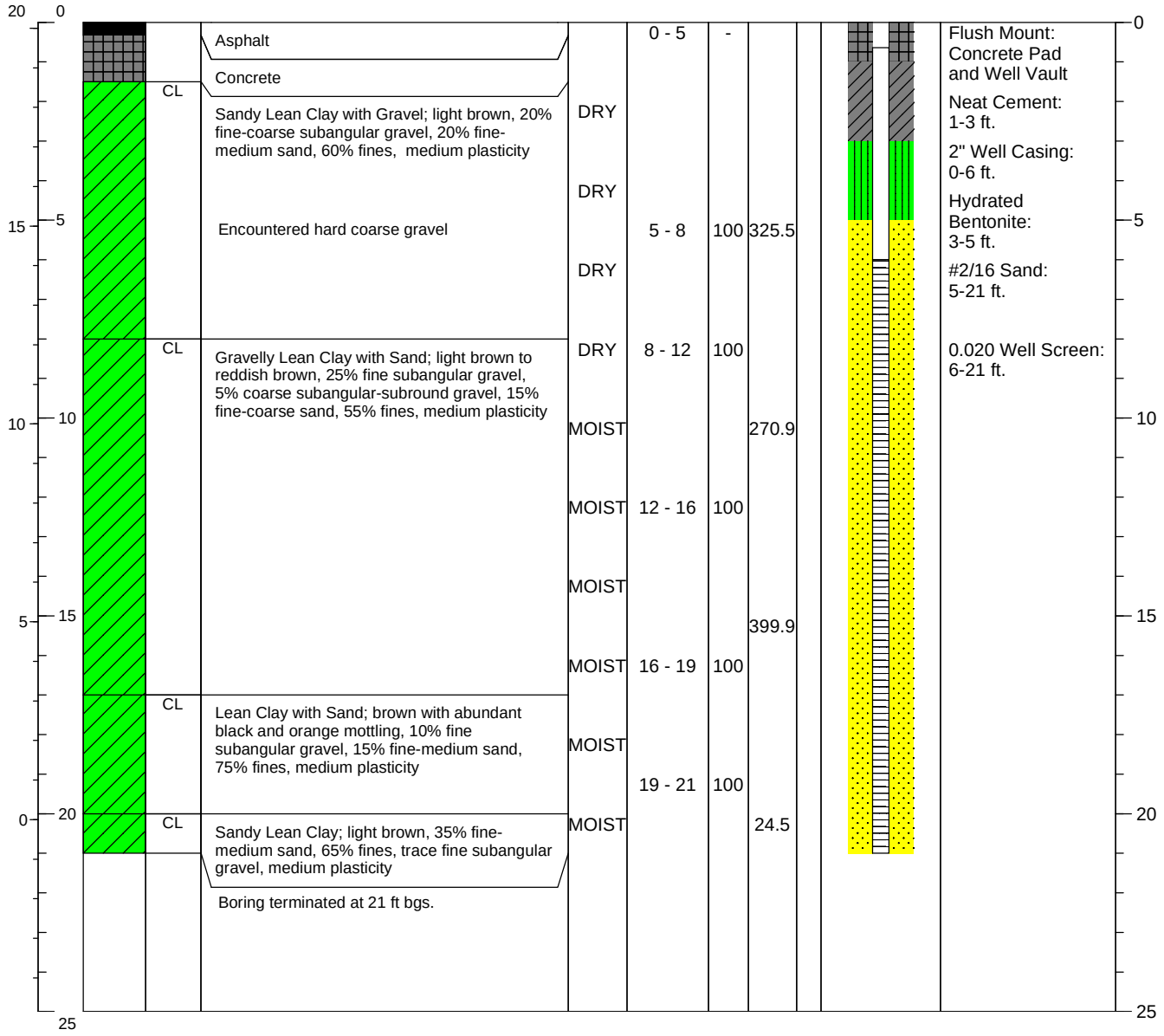
▽ First Encountered Groundwater ▼ Static Groundwater

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INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-24**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **20.15**	Top of Casing Elevation: **19.51**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/25/13**	Date Drilling Completed **6/25/13**



Air Knife 0-5 ft. No samples collected.

▽ First Encountered Groundwater ▼ Static Groundwater

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INOGEN

Project Name	Soil Boring Log	Soil Boring Number
76 Service Station No. 6390		**SB-10**

Address	Drilling Contractor	Drilling Method	Backfill Material
402 South Delaware Street **San Mateo California**	**Gregg D&T Inc.**	**Hand Auger**	**Neat Cement Grout**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Grab**	Boring Depth **9 ft.**	Boring Diameter **4 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/21/13**	Date Drilling Completed **6/21/13**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Type	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Backfill Diagram	Backfill Details	Depth
0	0		CL	Lean Clay; tan-brown, >95% fines, trace very fine sand	DRY	HA	0 - 1	100				Concrete: 0-0.5 ft.	0
					DRY	HA	1 - 2	100					
					DRY	HA	2 - 3	100	399.9			Neat Cement Grout: 0.5-9 ft.	
					DRY	HA	3 - 4	100					
-5	5				DRY	HA	4 - 5	100	208.7				5
					DRY	HA	5 - 6	100					
			ML	Silt; tan, >95% fines, trace very fine-fine sand, medium plasticity	DRY	HA	6 - 7	100	261.5				
				same as above; 10% fine subangular-subround gravel, 90% fines, trace coarse subangular-subround gravel, trace fine-medium sand	DRY	HA	7 - 8	100					
-10	10			Boring terminated at 9 ft bgs. Refusal due to large rock in borehole.	DRY	HA	8 - 9	100	0.0				10
-15	15												15
-20	20												20
-25	25												25

HA = Hand Auger

▽ Water Level During Drilling ▼ Static Water Level

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Project Name	Soil Boring Log	Soil Boring Number
76 Service Station No. 6390		**SB-11**

Address	Drilling Contractor	Drilling Method	Backfill Material
402 South Delaware Street			
San Mateo California	**Gregg D&T Inc.**	**Direct Push**	**Grout**
Logged By / Approved By	Sampling Method	Boring Depth	Boring Diameter
D. Sisak / D. Umland	**Direct Push**	**32 ft.**	**3 in.**
Antea Group Project Number	Headspace Monitoring Device	Date Drilling Started	Date Drilling Completed
I40256390	**PID**	**3/15/13**	**3/15/13**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Type	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Backfill Diagram	Backfill Details	Depth
0	0			Asphalt/Concrete	DRY	AK	0 - 5	-	-			Grout: 0-32 ft.	0
			CL	Sandy Lean Clay with Gravel; brown with trace red-orange mottling, 15% fine subangular gravel, 25% fine to coarse sand, 60% fines, trace coarse subangular gravel, unconsolidated									
-5	5				DRY	SS	5 - 8	100	0.5				5
					DRY	SS	8 - 12	100					
-10	10								0.6				10
					DRY	SS	12 - 16	100					
									0.2				
			CL	Lean Clay; light brown, 10% fine sand, 90% fines, trace medium to coarse sand, medium plasticity	MOIST								
-15	15								0.7				15
			CL	Lean Clay; light brown with black mottling, >95% fines, trace coarse sand	DRY	SS	16 - 20	100	0.0				
-20	20		GP	Poorly Graded Gravel; light gray, >95% coarse subangular gravel	DRY	SS	20 - 21	100	0.0				20
			CL		MOIST				0.1				
				Lean Clay; brown, 10% fine sand, 90% fines	MOIST	SS	21 - 24	100	0.1				
					MOIST				0.0				
						SS	24 - 28	100					
-25	25												25

AK = Air Knife
SS = Split Spoon

Grab groundwater sample collected 3/15/13 10:45 am.

▽ Water Level During Drilling ▼ Static Water Level

antea group INOGEN

Project Name	Soil Boring Log	Soil Boring Number
76 Service Station No. 6390		SB-11

Address	Drilling Contractor	Drilling Method	Backfill Material
402 South Delaware Street San Mateo California	Gregg D&T Inc.	Direct Push	Grout
Logged By / **Approved By**	**Sampling Method**	**Boring Depth**	**Boring Diameter**
D. Sisak / D. Umland	Direct Push	32 ft.	3 in.
Antea Group Project Number	**Headspace Monitoring Device**	**Date Drilling Started**	**Date Drilling Completed**
I40256390	PID	3/15/13	3/15/13

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Type	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Backfill Diagram	Backfill Details	Depth
-25	25		CL	Lean Clay continued									25
			CL	Sandy Lean Clay with Gravel; dark brown, 20% fine to coarse subangular gravel, 25% fine to coarse sand, 55% fines	DRY				0.0				
			CL	Lean Clay with Sand; brown, 20% medium to coarse sand, 80% fines	DRY	SS	28 - 32	100					
-30	30			same as above; brown, 25% fine to medium sand, 75% fines	MOIST				0.1	▼			30
					DRY								
				Boring terminated at 32 ft bgs.									
-35	35												35
-40	40												40
-45	45												45
-50	50												50

AK = Air Knife
SS = Split Spoon

Grab groundwater sample collected 3/15/13 10:45 am.

▽ Water Level During Drilling ▼ Static Water Level

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Appendix F

Blaine Tech Services Standard Operating Procedures

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for DELTA comply with safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any DELTA COP/ELT site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.
Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less

than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading or Non-Hazardous manifest to a Blaine Tech Services, Inc. facility before being transported to an approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Upon request, a Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Upon request, one Duplicate sample is collected at each site. It is up to the Field Technician to choose the well at which the Duplicate is collected. Typically, a duplicate is collected from one of the most contaminated wells. The Duplicate sample is labeled DUP thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps

and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 550 meter). These meters are equipped with membrane probe that enables them to collect accurate in-situ readings.

The probe and reel is decontaminated between wells as described above. The meter is calibrated as per the instructions in the operating manual. The probe is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

Blaine Tech Services, Inc.
Standard Operating Procedure

LOW-FLOW SAMPLING

Rediflo2

1. Calibrate YSI Flow Cell as per manufacturer's specifications. Thoroughly rinse probe and cup between parameters. Calibration order as follows:

    A. pH (use 3-point calibration of 7, 4, 10)
    B. Oxygen Reduction Potential (ORP)
    C. Specific Conductance
    D. Dissolved Oxygen (DO) (calibrate simulating 100% oxygen saturation)

2. Thoroughly decontaminate pump and reel.
3. Remove dedicated PE tubing from the well or start with new PE tubing cut to the required length.
4. Attach the PE tubing to the Rediflo2 Pump.
5. Gently lower the Rediflo2 pump and PE tubing into the well, placing the Rediflo2 Pump intake at the center of the wetted screened interval. Take care to minimize disturbance to the water column.
6. Direct effluent line into YSI 556 Flow Cell.
7. Set Rediflo2 Pump speed at 100 - 500 ml/min.
8. Collect water quality parameter measurements for temperature, pH, conductivity, turbidity, DO and ORP every 3-5 minutes.
9. Monitor drawdown during purging with electronic water level meter. Record water level with each parameter measurement. MAXIMUM DRAWDOWN IS 0.33 FEET.
10. Collect parameter measurements until stability is achieved. Stability is defined as three consecutive measurements where:

Temp	± 1° Celsius
pH	± 0.1
Conductivity	± 3%
Turbidity	± 10% NTU
DO	± 0.3 mg/l
ORP	± 10 Mv

11. Disconnect effluent line from YSI 556 Flow Cell.
12. Sample through effluent line while maintaining constant flow rate.
13. Remove Rediflo2 Pump and PE tubing from well.
14. Detach and reinstall dedicated PE tubing in well.

Blaine Tech Services, Inc.
Standard Operating Procedure

Purge Water Handling Procedure

Purpose

Control of non-hazardous purge water disposal. This procedure outlines the handling and disposing of non-hazardous purge water for the DELTA/COP portfolio.

Procedure

1) All purge and rinsate water will be contained in onboard truck tanks or trailers. Water may be commingled with other sites in the same portfolio of DELTA/COP sites.

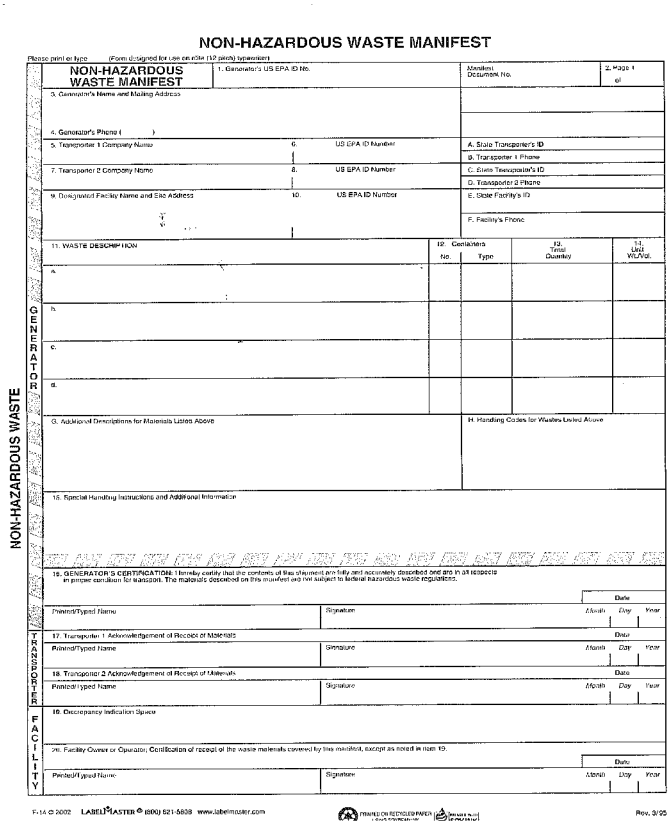
2) A Non-Hazardous Waste manifest will be generated prior to leaving site.

3) All water will be offloaded into a commingled DELTA/COP tank at BLAINE facility.

4) Water will then be offloaded from the DELTA/COP tank and the BLAINE facility and transported to a disposal facility.

   For Southern California sites water will be disposed at Crosby and Overton in Wilmington, CA.
   For Northern California water will be disposed at Seaport Environmental in Redwood City, CA.

Example Manifest:



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No.
2. Page 1 of

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name
6. US EPA ID Number
A. State Transporter's ID
B. Transporter 1 Phone

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Month Day Year | Date

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year | Date

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

F-1A © 2002 LABELMASTER © (800) 621-5808 www.labelmaster.com Rev. 9/05

Appendix G

Well Sampling and Development Logs

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 256390 **Site Address:** 402 Delaware St San Mateo

Field Technician: Ken Sim BTS *(Print Full Name & Company*)* **Date:** 5-20-13 **Weather:** Clear

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
	MW-20	G	G	G	G	G	N	2	0805	17.00	26.30			
	MW-21	G	G	G	G	G	N	2	0745	16.83	20.80			

Notes: Open Cap 15 min prior to Gauge
MW-21 Gauge out of order due to Access issue

** All well caps opened at least 15 minutes or longer before gauging wells:
CIRCLE ONE: (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Groundwater Sampling Form

Site Address:	402 Delaware St San Mateo		
Project No:	25890	Field Technician:	SR
Field Point:	MW-20	Date:	5-20-13
Depth to Water (DTW) (ft bgs):	17.00	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	26.30	Water Column Height (ft):	

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0510 **Stop Time:** 0825

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		5.16		
0813	19.6	6.47	517	—	197	3.60	600	17.12
0816	19.7	6.34	500	—	164	3.51	1200	17.19
0819	19.6	6.30	496	—	176	3.53	1800	17.22
0822	19.6	6.27	494	—	156	3.50	2400	17.24
0825	19.6	6.27	492	—	140	3.49	3000	17.26
Post-Purge				—		—		

Did Well dewater? Yes (No) Total Purge volume (gal): 3000 ml

Other Comments: Flow Rate - 200ml/min * Purge through Flow Cell
Tubing Intake - 22'

Sample Info:

Sample ID:	MW-20-20130531	Sample Date and Time:	5-20-13 @ 0825
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Ken Sim, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5-20-13

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St San Mateo		
Project No:	256390	Field Technician:	SK
Field Point:	MW-21	Date:	5-20-13
Depth to Water (DTW) (ft bgs):	16.83	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.80	Water Column Height (ft):	

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0904 **Stop Time:** 0920

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge				—		5.41		
0907	19.3	6.14	583	—	198	3.05	600	16.92
0910	19.2	6.13	588	—	80	3.02	1200	16.95
0913	19.2	6.13	594	—	103	2.90	1800	17.01
0916	19.2	6.13	591	—	79	2.98	2400	17.05
0919	19.2	6.13	593	—	71	3.01	3000	17.07
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): ~~2,~~ 3000

Other Comments: Flow Rate: 200 mL/min * Purge through Flow Cell
Tubing Intake = 19.0'

Sample Info:

Sample ID:	MW-21-20130531	Sample Date and Time:	5-20-13 @ 0920
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Ken Sim, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 5-20-13

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

20130531.256390.WG_Q_201305.BO

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COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

2Q13 GW Event

Required Lab Information:
Lab Name: Kiff Analytical
Address: 2795 Second Street, #300
Davis, CA 95618
Lab PM: Scott Forbes
Phone/Fax: P: 530-297-4800 F: 530-297-4808
Lab PM email: SForbes@kiffanalytical.com
Applicable Lab Quote #:

Required Project Information:
Site ID #: 256390 Task: WG_Q_201305
AnteaGrp proj#
Site Address: 402 DELAWARE ST
City: SAN MATEO State: CA 94402
AG PM Name: Doug Umland
Phone/Fax: P: 408-606-4901 F: 408-318-6200
AG PM Email: doug.umland@anteagroup.com

Required Invoice Information:
Send Invoice to: Sandy Hayes
Address: 11050 White Rock Road, Suite 110
City/State: Rancho Cordova CA 95670 Phone #: 916-638-2085
Reimbursement project? Non-reimbursement project? Y Mark one
Send EDD to: AGDataView.US@anteagroup.com
CC Hardcopy report to: sara.sichley@anteagroup.com
CC Hardcopy report to:

Turn around time (days): 10
QC level Required: Standard Special Mark one
NJ Reduced Deliverable Package?
MA MCP Cert? CT RCP Cert? Mark One
Lab Project ID (lab use)

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL OL; WIPE SW; AMBIENT AIR AA; SVE AIR AE; SOIL GAS GS; WATER W; SURFACE WATER WS; WATER QC WQ; SLUDGE SL; RINSEATE WH; OTHER OT; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260B/MTBE/7OxyCA	8270C Naphthalene	8260 PCE	8260 TCE	8260 cis-1,2 DCE	8260 trans-1,2, DCE	8260 Vinyl Chloride		Comments/Lab Sample I.D.
1	MW-20_20130531	WG	G	05-20-13	0825	5		X			X					X	X	X	X	X	X	X			7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2DCA, EDB, and Ethanol
2	MW-21_20130531	WG	G	↓	0920	5		X			X					X	X	X	X	X	X	X			
3	TB1_20130531	W	G	↓	0720	2					X					X	X		X	X	X	X			
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Additional Comments/Special Instructions:

T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	5-20-13	1610	[signature]	5-20-13	1610

Sample Receipt Conditions

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ken Sim
SIGNATURE of SAMPLER: [signature]
DATE Signed: 5-20-13 Time: 1610

Temp in °C | Samples on Ice? | Sample intact? | Trip Blank?

Final 11/13/06. AMTait

Inogen Environmental Alliance

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 402 Delaware St San Mateo				PROJECT NUMBER 25590			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
ysi 550	05C1042AB	0610 5-20-13	DO 100%	100.7%	✓	20.1	SK
ysi 556	09100B198	0615 5-20-13	DO 100% Cond 3900 µs	100.2% 3895 µs	✓ ✓	20.7	SK
			pH 7 10 4	6.97 9.94 4.03	✓	20.7	SK

Groundwater Sampling Form

Site Address:	402 Delaware St., San Mateo CA		
Project No:	256380	Field Technician:	DW
Field Point:	MW-20	Date:	7/18/13
Depth to Water (DTW) (ft bgs):	17.70	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	26.30	Water Column Height (ft):	8.60

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes; Other:_____

Purge Equipment: Disposable Bailer; Electric Submersible; ~~Peristaltic Pump~~; Bladder Pump; Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; Dedicated Tubing; Disposable Tubing; Other:_____

Water Column Height (ft):/ X Conversion Factor (gal/ft):/ = Casing Volume (gal):/

Casing Volume (gal):/ X Specified Volumes:/ = Calculated Purge (gal):/

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1139 **Stop Time:** 1200

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						1.05		
1142	21.46	6.37	434	—	140	1.33	600	17.83
1145	21.66	6.21	433	—	109	1.02	1200	17.86
1148	21.68	6.17	436	—	91	0.92	1800	17.89
1151	21.59	6.15	440	—	47	6.93	2400	17.93
1154	21.59	6.14	444	—	32	6.90	3000	17.95
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 ml

Other Comments: Flow Rate: 200 ml/min; Tubing Intake: 22'; *Purged through flow cell

Sample Info:

Sample ID:	MW-20_20130731	Sample Date and Time:	7/18/13 @ 1200
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Darrel Allen, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 7/18/13

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St., San Mateo CA		
Project No:	256390	Field Technician:	DW
Field Point:	MW-21	Date:	7/8/13
Depth to Water (DTW) (ft bgs):	17.30	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	20.80	Water Column Height (ft):	3.50

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / (Peristaltic Pump) / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / ~~Disposable Tubing~~ / Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1319 **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						0.78		
1322	20.30	6.32	641	—	161	0.84	600	17.41
1325	20.38	6.26	645	—	137	2.95	1200	17.46
1328	20.46	6.25	647	—	114	3.09	1800	17.50
1331	20.49	6.26	648	—	92	3.13	2400	17.54
1334	20.55	6.26	650	—	86	3.17	3000	17.59
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 ml

Other Comments: Flow Rate: 200 ml/min * purge through flow cell
Tubing Intact

Sample Info:

Sample ID:	MW-21_20130731	Sample Date and Time:	7/8/13 @ 1335
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Daniel Allen, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 7/8/13

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St., San Mateo CA		
Project No:	256390	Field Technician:	RW
Field Point:	MW-22	Date:	7/8/13
Depth to Water (DTW) (ft bgs):	19.50	Well Diameter (in):	(2) 3 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	20.70	Water Column Height (ft):	1.20

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / (Peristaltic Pump) / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1015 **Stop Time:**_____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (~~gal~~)	Water Level (for Low-Flow only)
Pre-Purge						2.27		
1018	19.37	6.79	1969	—	18	1.83	600	20.21
1021	19.37	6.78	2002	—	14	1.80	1200	20.36
1023	well dewatered					DTW =	20.65	
	Insufficient water to collect sample							
			DTW = 20.60					
Post-Purge								

Did Well dewater? (Yes) No — Total Purge volume (~~gal~~): 1200 ml

Other Comments: Flow Rate 200 ml/min * Purge through Flow cell
Tubing Intake: 20.70

Sample Info:

Sample ID:	MW-22-20130737	Sample Date and Time:	7/8/13
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Daniel Allen, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 7/8/13

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St, San Mateo		
Project No:	256390	Field Technician:	DW
Field Point:	MW-23	Date:	7/8/13
Depth to Water (DTW) (ft bgs):	20.10	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	30.60	Water Column Height (ft):	10.50

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):/ X Conversion Factor (gal/ft): 0.17 (0.66) = Casing Volume (gal):/

Casing Volume (gal):/ X Specified Volumes:/ = Calculated Purge (gal):/

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0942 **Stop Time:** 1000

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~	Water Level (for Low-Flow only)
Pre-Purge						4.89		
0945	19.63	6.84	945	—	85	4.25	600	20.25
0948	19.62	6.71	889	—	57	3.40	1200	20.25
0951	19.65	6.69	858	—	43	3.36	1800	20.25
0954	19.64	6.68	847	—	35	3.33	2400	20.25
0957	19.64	6.66	8.40	—	28	3.31	3000	20.25
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal)~~: ml 3000

Other Comments: 200 ml/min * purge through flow cell

tubing Intake: ~~13~~ (DW) 25'

Sample Info:

Sample ID:	MW-23_20130731	Sample Date and Time:	7/8/13 @ 1000
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Daniel Allen, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 7/8/13

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	462 Delaware St., San Mateo CA		
Project No:	256390	Field Technician:	PW
Field Point:	MW-24	Date:	7/8/13
Depth to Water (DTW) (ft bgs):	18.00	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	20.77	Water Column Height (ft):	2.77

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes Other:_____

Purge Equipment: Disposable Bailer; Electric Submersible; ~~Peristaltic Pump~~; Bladder Pump Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; ~~Dedicated Tubing~~; Disposable Tubing Other:_____

Water Column Height (ft):/ X Conversion Factor (gal/ft):/ = Casing Volume (gal):/

Casing Volume (gal):/ X Specified Volumes:/ = Calculated Purge (gal):/

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1054 **Stop Time:** 1115

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						3.79		
1054	21.55	7.32	1970	—	17	3.29	600	18.30
1102	21.77	7.30	1484	—	13	3.91	1200	18.36
1105	21.77	7.29	1402	—	9	4.05	1800	18.40
1108	21.81	7.25	1375	—	8	4.07	2400	18.44
1111	21.88	7.21	1370	—	7	4.11	3000	18.50
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 ml

Other Comments: Flow Rate: 200 ml/min * Purge through flow cell
Tubing Intake: 20'

Sample Info:

Sample ID:	MW-24_20130731	Sample Date and Time:	7/8/13 @ 1115
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) Pawel Allen, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 7/8/13

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

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COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

3Q13 GW Event

Required Lab Information:

Lab Name:	Kiff Analytical
Address:	2795 Second Street, #300
	Davis, CA 95618
Lab PM:	Scott Forbes
Phone/Fax:	P: 530-297-4800 F: 530-297-4808
Lab PM email	SForbes@kiffanalytical.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	256390
Task:	WG_Q_201307
AnteaGrp proj#	
Site Address	402 DELAWARE ST
City	SAN MATEO
State	CA 94402
AG PM Name:	Nadine Periat
Phone/Fax:	P: 408-606-4915 F: 408-318-6200
AG PM Email:	nadine.periat@anteagroup.com

Required Invoice Information:

Send Invoice to:	Sandy Hayes
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	916-638-2085
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	AGdataview.US@anteagroup.com
CC Hardcopy report to	saral.sichley@anteagroup.com
CC Hardcopy report to	

Turn around time (days)	10
QC level Required: Standard	
Special	
Mark one	
NJ Reduced Deliverable Package?	
MA MCP Cert?	
CT RCP Cert?	
Mark One	
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER OC	WO
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OIL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260GRO	8260BtexMTBE/OxyCA	8260Naphthalene	8260PCE	8260TCE	8260cis-1,2DCE	8260trans-1,2DCE	8260Vinyl Chloride		Comments/Lab Sample I.D.
1	MW-10R_20130731	WG	G	7/8/13	1425	3	N				X					x	x	x	x	x	x	x	x		7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol
2	MW-12B_20130731	WG			1310						X					x	x	x	x	x	x	x	x		
3	MW-13B_20130731	WG			1333						X					x	x	x	x	x	x	x	x		
4	MW-18_20130731	WG			1403						X					x	x	x	x	x	x	x	x		
5	MW-19_20130731	WG			1358						X					x	x	x	x	x	x	x	x		
6	MW-20_20130731	WG			1200						X					x	x	x	x	x	x	x	x		
7	MW-21_20130731	WG			1335						X					x	x	x	x	x	x	x	x		24 HR TAT for wells MW-20 through MW-24
8	~~MW-22_20130731~~	WG														x	x	x	x	x	x	x	x		
9	MW-23_20130731	WG	G	7/8/13	1000	3					X					x	x	x	x	x	x	x	x		
10	MW-24_20130731	WG			1115						X					x	x	x	x	x	x	x	x		
11	MW-6_20130731	WG			1432						X					x	x	x	x	x	x	x	x		
12	TB1_20130731	W			0715	2					X						x	x	x	x	x	x	x		

Additional Comments/Special Instructions:

T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	7/8/13	1630			

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Allen

SIGNATURE of SAMPLER:

DATE Signed 7/8/13 Time: 1630

Inogen Environmental Alliance

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 402 S. Delaware St. San Mateo, CA				PROJECT NUMBER 130708-DW1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI	12510702	7-8-13 1230	pH 7.0 10.0 4.0	pH 7.0 10.01 4.02	yes		MM
↓	↓	↓	Cond 3900 uS	Cond 3898 uS	yes		MM
HACH TURBIDIMETER	10117020909	7-8-13 1240	20, 100 800 NTU	21, 98 806 NTU	yes		MM
YSI 550	08B00951	7-8-13 1245	DO 100%	DO 100.1%	yes		MM

GREGG

MONITORING WELL DEVELOPMENT LOG

All measurements taken from: ☒ Top of Casing ☐ Protective Casing ☐ Ground Level

Well Number MW-20
Date 3.20.13
Time Start: 11:00 End: 12:40
Client CNTEA
Project 16 STATION # 6390
Job Number D2130113
Installation Date —
Well Diameter 2"

Borehole Diameter 8"
Screen Length 15 FT
Measured Depth (pre-development) 20.60
Measured Depth (post-development) 20.60
Static Water Level (ft.) 15.76
Standing Water Column (ft.) 4.84
One Casing Volume (gal.) 0.8228
One Annulus Vol. (gal.)

Sample ID —
Qty. of Drilling Fluid Lost
Minimum Gal. to be Purged 8.228
Development Method Bail - Surge - Bail - pump
Purging Equipment SS Bailer - 2" pump
Water Level Equipment Solinst
pH/EC Meter Horiba U52
Turbidity Meter Horiba U52
Other

Time	Amount Purged (gal.)	Field Parameters Measured						GPM / W.L.	Comments		Field Tech.
		pH	EC	Turbidity	D.O.	Temperature	SAL.		W.L.		
11:44	11	7.00	.995	850	—	17.95	0.5	1/2	16.25	Bail 4 bl	
11:48	13	6.69	.509	389	—	18.60	0.2	1/2	16.25	Surge 15 Min	
11:52	15	6.50	.466	316	—	18.59	0.2	1/2	16.25	Bail 4 bl	
11:54	16	6.42	.501	194	—	18.92	0.2	1/2	16.25		
11:56	17	6.51	.503	131	—	18.71	0.2	1/2	16.25		
11:58	18	6.33	.492	89.6	—	19.05	0.2	1/2	16.25		
12:00	19	6.35	.475	20.2	—	19.06	0.2	1/2	16.25		
12:02	20	6.32	.477	13.5	—	19.08	0.2	1/2	16.25		
12:04	21	6.39	.472	10.7	—	19.13	0.2	1/2	16.25		
12:06	22	6.36	.477	8.2	—	19.10	0.2	1/2	16.25		
12:08	23	6.31	.472	9.0	—	19.15	0.2	1/2	16.25		
FINAL FIELD PARAMETER MEASUREMENTS											
12:10	24	6.28	.469	6.2	—	19.21	0.2	1/2	16.25		
12:12	25	6.31	.474	4.5	—	19.30	0.2	1/2	16.25		

GREGG

MONITORING WELL DEVELOPMENT LOG

Page _____ of _____

All measurements taken from: ☒ Top of Casing ☐ Protective Casing ☐ Ground Level

Sample ID _____

Well Number MW-21 | Borehole Diameter 8" | Qty. of Drilling Fluid Lost _____

Date 3.20.13 | Screen Length 15FT | Minimum Gal. to be Purged _____

Time Start: 9:15 End: 11:00 | Measured Depth (pre-development) ~~21.00~~ 21.00 | Development Method Bail - Surge - Bail pump

Client ANTEA | Measured Depth (post-development) 21.00 | Purging Equipment SS Bailer - 2 pump

Project 76 STATION # 6390 | Static Water Level (ft.) 15.25 | Water Level Equipment Solinst

Job Number D2170113 | Standing Water Column (ft.) 5.75 | pH/EC Meter Horiba U52

Installation Date _____ | One Casing Volume (gal.) 0.9775 | Turbidity Meter Horiba U52

Well Diameter 2" | One Annulus Vol. (gal.) _____ | Other _____

Time	Amount Purged (gal.)	Field Parameters Measured						GPM / W.L.	Comments		Field Tech.
		pH	EC	Turbidity	D.O.	Temperature	SAL.		W.L.		
10:21	13	6.95	.787	870	-	17.11	0.4	1/2	15.65	Bail-6 gal	
10:25	15	6.62	.737	260	-	18.05	0.4	1/2	15.65	Surge-15 min	
10:29	17	6.46	.716	118	-	18.42	0.3	1/2	15.65	Bail-4 gal.	
10:33	19	6.45	.704	44.2	-	18.60	0.3	1/2	15.65		
10:35	20	6.41	.706	22.6	-	18.59	0.3	1/2	15.65		
10:37	21	6.43	.708	14.7	-	18.76	0.3	1/2	15.65		
10:39	22	6.25	.692	11.1	-	18.74	0.3	1/2	15.65		
10:41	23	6.28	.695	7.5	-	18.80	0.3	1/2	15.65		
10:43	24	6.26	.696	8.3	-	18.73	0.3	1/2	15.65		
10:45	25	6.28	.693	6.7	-	18.82	0.3	1/2	15.65		
10:47	26	6.25	.695	8.0	-	18.84	0.3	1/2	15.65		
FINAL FIELD PARAMETER MEASUREMENTS											
10:49	27	6.26	.692	7.8	-	18.82	0.3	1/2	15.65		
10:52	28	6.24	.691	7.5	-	18.80	0.3	1/2	15.65		

GREGG

MONITORING WELL DEVELOPMENT LOG

Page _____ of _____

All measurements taken from: ☒ Top of Casing ☐ Protective Casing ☐ Ground Level

Sample ID _____

Well Number MW-24 | Borehole Diameter 6" | Qty. of Drilling Fluid Lost _____

Date 7-1-13 | Screen Length 10FT | Minimum Gal. to be Purged _____

Time Start: 10:05 End: 11:30 | Measured Depth (pre-development) 20.91 | Development Method Bail-Surge-Bail-pump-Bail-

Client ANTEA | Measured Depth (post-development) 20.91 | Purging Equipment SS Bailer - 2" pump

Project 76 Station # 6396 | Static Water Level (ft.) 19.05 | Water Level Equipment Solinst

Job Number D2130113 | Standing Water Column (ft.) 1.86 | pH/EC Meter Horiba U52

Installation Date - | One Casing Volume (gal.) 0.3162 | Turbidity Meter Horiba U52

Well Diameter 2" | One Annulus Vol. (gal.) _____ | Other _____

Time	Amount Purged (gal.)	Field Parameters Measured: pH	EC	Turbidity	D.O.	Temperature	SAL.	GPM / W.L.	Comments	Field Tech.
	21.5	[illegible]							1 Bail-1 gal	
		SURGED	-						Surge-5 min	
		Pumped 50 ml	well dry	No recharge 30 min					Bail-.5 gal	
BAILER	2.0	7.90	2.96	400	-	17.62	1.5			
	2¼	7.98	2.85	329	-	16.88	1.5			
	2½	7.70	2.98	425	-	16.90	1.5			
			well	dry						

FINAL FIELD PARAMETER MEASUREMENTS

GREGG

MONITORING WELL DEVELOPMENT LOG

All measurements taken from: ☒ Top of Casing ☐ Protective Casing ☐ Ground Level

Well Number MW-22
Date 7.1.13
Time Start: 900 End: 9:40
Client ANTEA
Project 76 STATION #16396
Job Number D2130113
Installation Date —
Well Diameter 2"

Borehole Diameter 8"
Screen Length 10FT
Measured Depth (pre-development) 20.89
Measured Depth (post-development) 20.89
Static Water Level (ft.) 20.49
Standing Water Column (ft.) 0.4
One Casing Volume (gal.) 0.068
One Annulus Vol. (gal.) 0.68

Sample ID —
Qty. of Drilling Fluid Lost —
Minimum Gal. to be Purged —
Development Method BAIL-
Purging Equipment SS BAILER-
Water Level Equipment Solinst
pH/EC Meter —
Turbidity Meter —
Other —

Time	Amount Purged (gal.)	Field Parameters Measured							Comments	Field Tech.
		pH	EC	Turbidity	D.O.	Temperature	SAL.	GPM / W.L.		
		Bail- 150 ml								
		STOP To Recharge-								
		NO Recharge- 20 min								

FINAL FIELD PARAMETER MEASUREMENTS

WELL DEVELOPMENT DATA SHEET

Project #: 130703-SK1	Client: Antea
Developer: SK	Date Developed: 7-3-13
Well I.D. MW-23	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 29.55 After 30.63	Depth to Water: Before 20.06 After 22.32
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1.5	X	10	=	15
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump ___

Other equipment used 2" Surge block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0710	Surge well w/ 2" block for 20 min					
0730	Switch to PAD Pump					
0737	68.2	6.51	1610	>1000	1.5	Agitated bottom w/ Pump
0740	67.3	6.93	1629	>1000	3.0	Very Silty
0743	66.6	6.87	1447	>1000	4.5	Dark Brown
0746	66.4	6.83	1348	>1000	6.0	
0749	66.3	6.84	1332	>1000	7.5	
0752	65.9	6.89	1335	>1000	9.0	
0755	66.0	6.93	1319	>1000	10.5	
0758	66.1	6.86	1318	>1000	120	Heard bottom
0801	66.1	6.92	1324	>1000	13.5	
0804	66.1	6.93	1339	>1000	15.0	
0808	65.8	6.87	1124	>1000	16.5	Clearing Up
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated:		37.5

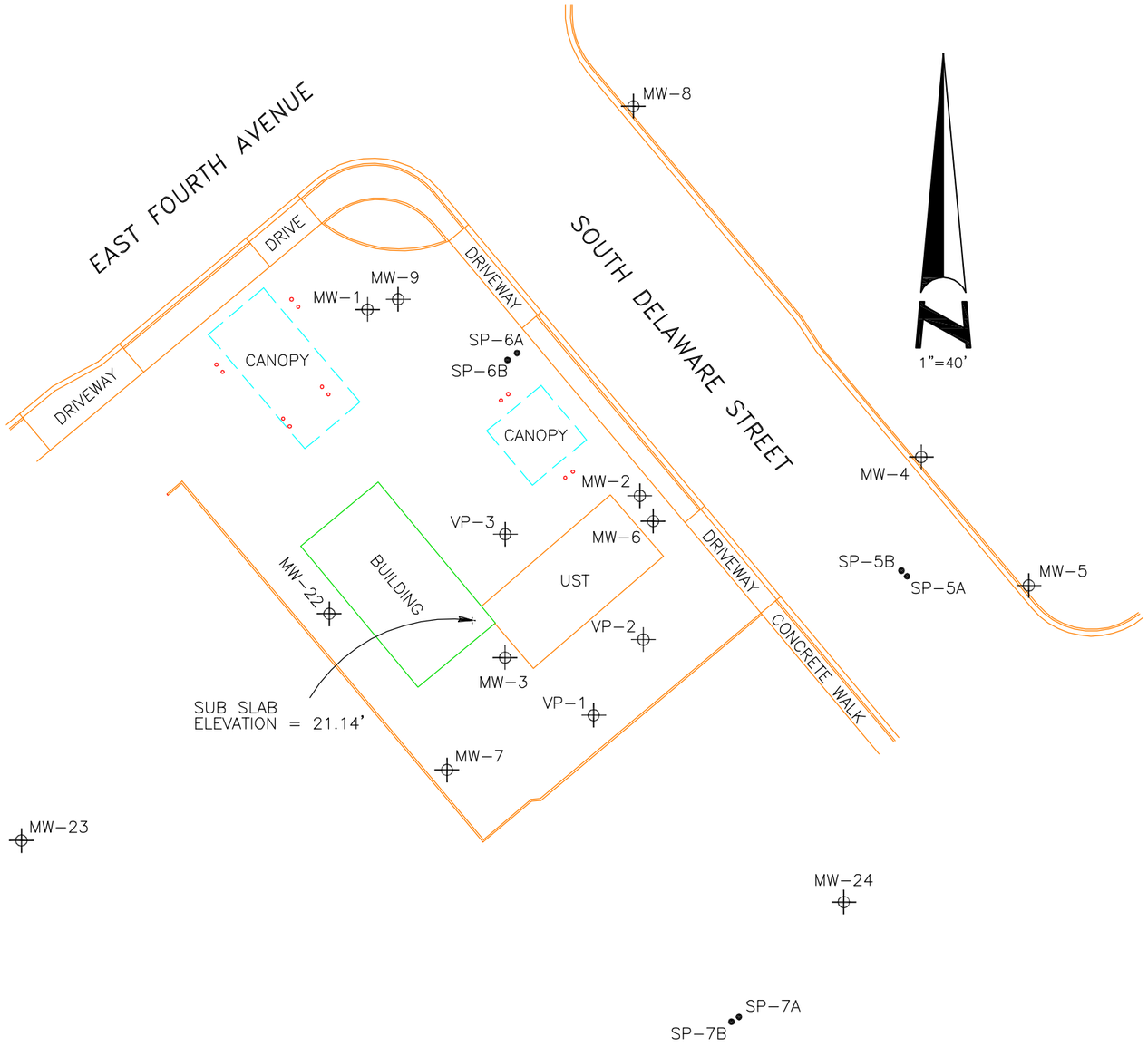
WELL DEVELOPMENT DATA SHEET

Well I.D. MW-23	PAGE 2 OF 2
Project #: 130703-SK1	Client: Antea

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0811	67.2	6.95	1026	>1000	18.0	lighter Brown
0814	66.3	6.80	934	>1000	19.5	
0817	66.1	6.82	956	>1000	21.0	
0820	66.3	6.84	955	>1000	22.5	
0825	66.4	7.00	924	>1000	24	
0828	66.2	6.89	937	>1000	25.5	
0831	66.4	6.88	949	>1000	27	
0834	66.3	6.91	976	~~928~~ >1000	28.5	
0837	66.5	6.90	967	811	~~30~~ 28	
0850	66.4	6.88	991	824	31.5	
0853	66.5	6.88	980	802	33	
0856	66.3	6.87	972	793	34.5	
0859	66.3	6.88	969	772	36	
0901	66.4	6.86	965	730	37.5	Hard bottom = 30.63

Appendix H

Well Surveyors Report



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)	ELEV (GND)
POINTS SURVEYED FOR SECOR (STANTEC) IN 2005 AND 2007:							
MW-1	2033722.9	6034418.4	37.5661132	-122.3192523	19.46	19.83	
MW-2	2033668.7	6034497.7	37.5659685	-122.3189753	19.11	19.43	
MW-3	2033621.6	6034458.4	37.5658371	-122.3191075	20.69	21.09	
MW-4	2033680.0	6034579.6	37.5660039	-122.3186934	19.02	19.27	
MW-5	2033642.6	6034610.9	37.5659028	-122.3185829	18.89	19.47	
MW-6	2033661.3	6034501.6	37.5659485	-122.3189615	19.07	19.48	
MW-7	2033588.9	6034441.6	37.5657463	-122.3191636	21.74	22.17	
MW-8	2033782.2	6034495.8	37.5662799	-122.3189894	18.42	18.81	
MW-9	2033725.9	6034427.3	37.5661219	-122.3192218	19.42	19.71	
VP-1	2033604.9	6034484.3	37.5657924	-122.3190173		21.35	
VP-2	2033626.9	6034498.7	37.5658536	-122.3189690		20.41	
VP-3	2033657.5	6034458.5	37.5659357	-122.3191097		20.31	
SP-5A	2033645.3	6034575.5	37.5659083	-122.3187054			19.6
SP-5B	2033647.0	6034573.8	37.5659128	-122.3187111			19.7
SP-6A	2033710.3	6034461.9	37.5660808	-122.3191014			19.3
SP-6B	2033708.3	6034459.1	37.5660751	-122.3191109			19.3
SP-7A	2033517.0	6034526.6	37.5655534	-122.3188656			20.8
SP-7B	2033515.6	6034524.3	37.5655495	-122.3188731			20.9
SP-8A	2033648.6	6034716.5	37.5659249	-122.3182190			19.1
SP-8B	2033647.2	6034714.9	37.5659211	-122.3182246			19.1
SUB SLAB	2033632.5	6034448.9	37.5658663	-122.3191413			
POINTS SURVEYED FOR ANTEA GROUP ON 5-16-13:							
MW-20	2033561.2	6034662.1	37.5656820	-122.3184010	19.01	19.45	
MW-21	2033652.7	6034721.9	37.5659364	-122.3182007	18.52	19.00	
POINTS SURVEYED FOR ANTEA GROUP ON 7-1-13:							
MW-22	2033634.4	6034407.3	37.5658693	-122.3192848	20.86	21.30	
MW-23	2033568.4	6034317.7	37.5656834	-122.3195895	22.33	22.79	
MW-24	2033550.4	6034557.1	37.5656468	-122.3187625	19.51	20.15	

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.
COORDINATE DATUM IS NAD 83(1986).
DATUM ELLIPSOID IS GRS80.
REFERENCE GEOID IS NGS99.
CORS STATIONS USED WERE FARB AND DIAB.
VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

0 20 40 80 120

SCALE IN FEET

Monitoring Well Exhibit

Prepared For:

Antea Group

ConocoPhillips 76 Station No. 6390
402 South Delaware Street
San Mateo
San Mateo County
California

Morrow Surveying
LAND SURVEYORS

1255 Starboard Dr.
West Sacramento
California 95691
(916) 372-8124
mark@morrowsurveying.com

Date: May, 2013
Field: 5-16-13,7-1-13 SF
Scale: 1" = 40'
Revised: 7-8-13
Field Book: MW-56,57
Dwg. No. 1275-164 MAM
Ref: 7228-244 JL

Appendix I

Laboratory Analytical Reports with Chain-of-Custody Documentation

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/2013

Laboratory Results

Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Subject : 10 Soil Samples
Project Name : 76 Service Station No. 6390
Project Number : I40256390
P.O. Number : I40256390

Dear Ms. Periat,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/2013

Subject : 10 Soil Samples
Project Name : 76 Service Station No. 6390
Project Number : I40256390
P.O. Number : I40256390

Case Narrative

All soil samples were reported on a total weight (wet weight) basis.

KIFF Analytical LLC

Analysis Summary

Report Number : 85300

Date : 07/04/13

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :76 Service Station No. 6390
Project Number : I40256390

			Sample Name	SB-10_d3.0		SB-10_d5.0		SB-10_d9.0		MW-22_d3.0		MW-22_d5.0		MW-22_d8.0		MW-22_d10.0	
			Sample Date	06/21/13		06/21/13		06/21/13		06/26/13		06/26/13		06/26/13		06/26/13	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Ethylbenzene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Toluene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Total Xylenes	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Diisopropyl ether (DIPE)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Tert-Butanol	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
TPH as Gasoline	EPA 8260B	mg/Kg		1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND
Tetrachloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Trichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Vinyl Chloride	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
cis-1,2-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
trans-1,2-Dichloroethene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
Naphthalene	EPA 8260B	mg/Kg		0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			109		106		108		108		110		113		110
4-Bromofluorobenzene (Surr)	EPA 8260B	%			104		102		102		97.5		100		99.2		99.0
Toluene - d8 (Surr)	EPA 8260B	%			103		98.4		103		101		103		103		104

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 85300
Date : 07/04/13

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :76 Service Station No. 6390
Project Number : I40256390

			Sample Name	MW-22_d15.0		MW-22_d18.0		MW-22_d21.0	
			Sample Date	06/26/13		06/26/13		06/26/13	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Ethylbenzene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Toluene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Total Xylenes	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Diisopropyl ether (DIPE)	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Tert-Butanol	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
TPH as Gasoline	EPA 8260B	mg/Kg	1.0	ND	1.0	ND	1.0	ND
Tetrachloroethene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	**0.0059**
Trichloroethene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
Vinyl Chloride	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
cis-1,2-Dichloroethene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
trans-1,2-Dichloroethene	EPA 8260B	mg/Kg	0.0050	ND	0.0050	ND	0.0050	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%		106		112		110
4-Bromofluorobenzene (Surr)	EPA 8260B	%		98.2		100		99.5
Toluene - d8 (Surr)	EPA 8260B	%		102		102		102

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/13

Project Name : **76 Service Station No. 6390**
Project Number : **I40256390**

Sample : **SB-10_d3.0** Matrix : Soil Lab Number : 85300-01
Sample Date :06/21/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/02/13 03:49
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 03:49
1,2-Dichloroethane-d4 (Surr)	109		% Recovery	EPA 8260B	07/02/13 03:49
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	07/02/13 03:49
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	07/02/13 03:49

KIFF Analytical LLC

Report Number : 85300

Date : 07/04/13

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Sample : **SB-10_d5.0** Matrix : Soil Lab Number : 85300-02

Sample Date :06/21/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/02/13 11:23
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 11:23
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	EPA 8260B	07/02/13 11:23
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	07/02/13 11:23
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	07/02/13 11:23

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/13

Project Name : **76 Service Station No. 6390**
Project Number : **I40256390**

Sample : **SB-10_d9.0** Matrix : Soil Lab Number : 85300-03
Sample Date :06/21/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/02/13 04:23
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13 04:23
1,2-Dichloroethane-d4 (Surr)	108		% Recovery	EPA 8260B	07/02/13 04:23
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	07/02/13 04:23
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	07/02/13 04:23

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/13

Project Name : **76 Service Station No. 6390**
Project Number : **I40256390**

Sample : **MW-22_d3.0** Matrix : Soil Lab Number : 85300-04
Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/03/13 20:48
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 20:48
1,2-Dichloroethane-d4 (Surr)	108		% Recovery	EPA 8260B	07/03/13 20:48
4-Bromofluorobenzene (Surr)	97.5		% Recovery	EPA 8260B	07/03/13 20:48
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	07/03/13 20:48

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/13

Project Name : **76 Service Station No. 6390**
Project Number : **I40256390**

Sample : **MW-22_d5.0** Matrix : Soil Lab Number : 85300-05
Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/03/13 21:22
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:22
1,2-Dichloroethane-d4 (Surr)	110		% Recovery	EPA 8260B	07/03/13 21:22
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	07/03/13 21:22
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	07/03/13 21:22

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/13

Project Name : **76 Service Station No. 6390**
Project Number : **I40256390**

Sample : **MW-22_d8.0** Matrix : Soil Lab Number : 85300-06
Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/03/13 21:59
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 21:59
1,2-Dichloroethane-d4 (Surr)	113		% Recovery	EPA 8260B	07/03/13 21:59
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	07/03/13 21:59
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	07/03/13 21:59

KIFF Analytical LLC

Report Number : 85300
Date : 07/04/13

Project Name : **76 Service Station No. 6390**
Project Number : **I40256390**

Sample : **MW-22_d10.0** Matrix : Soil Lab Number : 85300-07
Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/03/13 22:35
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 22:35
1,2-Dichloroethane-d4 (Surr)	110		% Recovery	EPA 8260B	07/03/13 22:35
4-Bromofluorobenzene (Surr)	99.0		% Recovery	EPA 8260B	07/03/13 22:35
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	07/03/13 22:35

KIFF Analytical LLC

Report Number : 85300

Date : 07/04/13

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Sample : **MW-22_d15.0** Matrix : Soil Lab Number : 85300-08

Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/03/13 23:08
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:08
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	EPA 8260B	07/03/13 23:08
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	07/03/13 23:08
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	07/03/13 23:08

KIFF Analytical LLC

Report Number : 85300

Date : 07/04/13

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Sample : **MW-22_d18.0** Matrix : Soil Lab Number : 85300-09

Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/03/13 23:44
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/03/13 23:44
1,2-Dichloroethane-d4 (Surr)	112		% Recovery	EPA 8260B	07/03/13 23:44
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	07/03/13 23:44
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	07/03/13 23:44

KIFF Analytical LLC

Report Number : 85300

Date : 07/04/13

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Sample : **MW-22_d21.0** Matrix : Soil Lab Number : 85300-10

Sample Date :06/26/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/04/13 00:21
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
Tetrachloroethene	**0.0059**	0.0050	mg/Kg	EPA 8260B	07/04/13 00:21
1,2-Dichloroethane-d4 (Surr)	110		% Recovery	EPA 8260B	07/04/13 00:21
4-Bromofluorobenzene (Surr)	99.5		% Recovery	EPA 8260B	07/04/13 00:21
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	07/04/13 00:21

Report Number : 85300

Date : 07/04/13

QC Report : Method Blank Data

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/02/13
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/02/13
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	07/02/13
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	07/02/13
Toluene - d8 (Surr)	99.2		%	EPA 8260B	07/02/13
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	07/01/13
Tetrachloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Trichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Vinyl Chloride	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
cis-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
trans-1,2-Dichloroethene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
Naphthalene	< 0.0050	0.0050	mg/Kg	EPA 8260B	07/01/13
1,2-Dichloroethane-d4 (Surr)	111		%	EPA 8260B	07/01/13
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	07/01/13
Toluene - d8 (Surr)	103		%	EPA 8260B	07/01/13

Report Number : 85300

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/04/13

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	85300-02	<0.0050	0.0398	0.0391	0.0381	0.0365	mg/Kg	EPA 8260B	7/2/13	95.8	93.3	2.58	70.0-130	25
Diisopropyl ether														
	85300-02	<0.0050	0.0391	0.0384	0.0405	0.0385	mg/Kg	EPA 8260B	7/2/13	104	100	3.57	70.0-130	25
Ethyl-tert-butyl ether														
	85300-02	<0.0050	0.0399	0.0392	0.0433	0.0413	mg/Kg	EPA 8260B	7/2/13	108	105	3.11	65.0-130	25
Ethylbenzene														
	85300-02	<0.0050	0.0398	0.0391	0.0371	0.0355	mg/Kg	EPA 8260B	7/2/13	93.3	90.8	2.71	70.0-130	25
Methyl-t-butyl ether														
	85300-02	<0.0050	0.0396	0.0390	0.0436	0.0411	mg/Kg	EPA 8260B	7/2/13	110	105	4.15	60.0-130	25
Naphthalene														
	85300-02	<0.0050	0.0398	0.0391	0.0383	0.0323	mg/Kg	EPA 8260B	7/2/13	96.3	82.5	15.4	70.0-130	25
P + M Xylene														
	85300-02	<0.0050	0.0398	0.0391	0.0383	0.0366	mg/Kg	EPA 8260B	7/2/13	96.3	93.4	3.05	70.0-130	25
Tert-Butanol														
	85300-02	<0.0050	0.200	0.197	0.189	0.179	mg/Kg	EPA 8260B	7/2/13	94.2	90.8	3.64	70.0-130	25
Tert-amyl-methyl ether														
	85300-02	<0.0050	0.0401	0.0395	0.0436	0.0414	mg/Kg	EPA 8260B	7/2/13	109	105	3.60	70.0-130	25
Tetrachloroethene														
	85300-02	<0.0050	0.0398	0.0391	0.0378	0.0362	mg/Kg	EPA 8260B	7/2/13	95.1	92.5	2.74	70.0-130	25

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Report Number : 85300

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/04/2013

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Toluene														
	85300-02	<0.0050	0.0398	0.0391	0.0387	0.0370	mg/Kg	EPA 8260B	7/2/13	97.3	94.5	2.90	70.0-130	25
Trichloroethene														
	85300-02	<0.0050	0.0398	0.0391	0.0384	0.0365	mg/Kg	EPA 8260B	7/2/13	96.7	93.4	3.53	70.0-130	25
Vinyl Chloride														
	85300-02	<0.0050	0.0398	0.0391	0.0355	0.0336	mg/Kg	EPA 8260B	7/2/13	89.2	85.8	3.90	70.0-130	25
cis-1,2-Dichloroethene														
	85300-02	<0.0050	0.0398	0.0391	0.0395	0.0377	mg/Kg	EPA 8260B	7/2/13	99.4	96.2	3.21	70.0-130	25
t-1,2-Dichloroethene														
	85300-02	<0.0050	0.0398	0.0391	0.0378	0.0361	mg/Kg	EPA 8260B	7/2/13	95.0	92.2	2.92	70.0-130	25
Benzene														
	85310-03	<0.0050	0.0386	0.0394	0.0318	0.0327	mg/Kg	EPA 8260B	7/2/13	82.4	83.1	0.828	70.0-130	25
Diisopropyl ether														
	85310-03	<0.0050	0.0379	0.0387	0.0349	0.0355	mg/Kg	EPA 8260B	7/2/13	92.0	91.7	0.333	70.0-130	25
Ethyl-tert-butyl ether														
	85310-03	<0.0050	0.0387	0.0395	0.0366	0.0369	mg/Kg	EPA 8260B	7/2/13	94.5	93.5	1.00	65.0-130	25
Ethylbenzene														
	85310-03	<0.0050	0.0386	0.0394	0.0322	0.0332	mg/Kg	EPA 8260B	7/2/13	83.3	84.4	1.36	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/04/2013

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-butyl ether														
	85310-03	<0.0050	0.0385	0.0392	0.0388	0.0386	mg/Kg	EPA 8260B	7/2/13	101	98.4	2.41	60.0-130	25
Naphthalene														
	85310-03	<0.0050	0.0386	0.0394	0.0291	0.0288	mg/Kg	EPA 8260B	7/2/13	75.4	73.1	3.18	70.0-130	25
P + M Xylene														
	85310-03	<0.0050	0.0386	0.0394	0.0320	0.0328	mg/Kg	EPA 8260B	7/2/13	83.0	83.4	0.485	70.0-130	25
Tert-Butanol														
	85310-03	<0.0050	0.195	0.198	0.153	0.159	mg/Kg	EPA 8260B	7/2/13	78.6	80.2	1.99	70.0-130	25
Tert-amyl-methyl ether														
	85310-03	<0.0050	0.0389	0.0397	0.0353	0.0365	mg/Kg	EPA 8260B	7/2/13	90.6	92.0	1.54	70.0-130	25
Tetrachloroethene														
	85310-03	<0.0050	0.0386	0.0394	0.0336	0.0346	mg/Kg	EPA 8260B	7/2/13	87.2	87.9	0.826	70.0-130	25
Toluene														
	85310-03	<0.0050	0.0386	0.0394	0.0327	0.0334	mg/Kg	EPA 8260B	7/2/13	84.8	84.7	0.0709	70.0-130	25
Trichloroethene														
	85310-03	<0.0050	0.0386	0.0394	0.0331	0.0339	mg/Kg	EPA 8260B	7/2/13	85.8	86.0	0.262	70.0-130	25
Vinyl Chloride														
	85310-03	<0.0050	0.0386	0.0394	0.0300	0.0319	mg/Kg	EPA 8260B	7/2/13	77.6	81.0	4.25	70.0-130	25
cis-1,2-Dichloroethene														
	85310-03	<0.0050	0.0386	0.0394	0.0334	0.0343	mg/Kg	EPA 8260B	7/2/13	86.4	87.2	0.895	70.0-130	25

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Report Number : 85300

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/04/2013

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
t-1,2-Dichloroethene														
	85310-03	<0.0050	0.0386	0.0394	0.0336	0.0347	mg/Kg	EPA 8260B	7/2/13	87.1	88.1	1.11	70.0-130	25

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0392	mg/Kg	EPA 8260B	7/2/13	91.5	70.0-130
Diisopropyl ether	0.0385	mg/Kg	EPA 8260B	7/2/13	98.4	70.0-130
Ethyl-tert-butyl ether	0.0393	mg/Kg	EPA 8260B	7/2/13	102	65.0-130
Ethylbenzene	0.0392	mg/Kg	EPA 8260B	7/2/13	89.1	70.0-130
Methyl-t-butyl ether	0.0391	mg/Kg	EPA 8260B	7/2/13	103	60.0-130
Naphthalene	0.0392	mg/Kg	EPA 8260B	7/2/13	91.5	70.0-130
P + M Xylene	0.0392	mg/Kg	EPA 8260B	7/2/13	91.2	70.0-130
Tert-Butanol	0.198	mg/Kg	EPA 8260B	7/2/13	88.5	70.0-130
Tert-amyl-methyl ether	0.0396	mg/Kg	EPA 8260B	7/2/13	102	70.0-130
Tetrachloroethene	0.0392	mg/Kg	EPA 8260B	7/2/13	90.7	70.0-130
Toluene	0.0392	mg/Kg	EPA 8260B	7/2/13	92.6	70.0-130
Trichloroethene	0.0392	mg/Kg	EPA 8260B	7/2/13	91.3	70.0-130
Vinyl Chloride	0.0392	mg/Kg	EPA 8260B	7/2/13	84.1	70.0-130
cis-1,2-Dichloroethene	0.0392	mg/Kg	EPA 8260B	7/2/13	95.1	70.0-130
t-1,2-Dichloroethene	0.0392	mg/Kg	EPA 8260B	7/2/13	90.6	70.0-130
Benzene	0.0396	mg/Kg	EPA 8260B	7/2/13	91.5	70.0-130
Diisopropyl ether	0.0389	mg/Kg	EPA 8260B	7/2/13	103	70.0-130
Ethyl-tert-butyl ether	0.0397	mg/Kg	EPA 8260B	7/2/13	107	65.0-130
Ethylbenzene	0.0396	mg/Kg	EPA 8260B	7/2/13	93.6	70.0-130
Methyl-t-butyl ether	0.0395	mg/Kg	EPA 8260B	7/2/13	110	60.0-130
Naphthalene	0.0396	mg/Kg	EPA 8260B	7/2/13	90.5	70.0-130
P + M Xylene	0.0396	mg/Kg	EPA 8260B	7/2/13	94.1	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **76 Service Station No. 6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Tert-Butanol	0.200	mg/Kg	EPA 8260B	7/2/13	92.5	70.0-130
Tert-amyl-methyl ether	0.0399	mg/Kg	EPA 8260B	7/2/13	106	70.0-130
Tetrachloroethene	0.0396	mg/Kg	EPA 8260B	7/2/13	96.3	70.0-130
Toluene	0.0396	mg/Kg	EPA 8260B	7/2/13	95.4	70.0-130
Trichloroethene	0.0396	mg/Kg	EPA 8260B	7/2/13	94.0	70.0-130
Vinyl Chloride	0.0396	mg/Kg	EPA 8260B	7/2/13	83.6	70.0-130
cis-1,2-Dichloroethene	0.0396	mg/Kg	EPA 8260B	7/2/13	97.4	70.0-130
t-1,2-Dichloroethene	0.0396	mg/Kg	EPA 8260B	7/2/13	96.2	70.0-130

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KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. ~~85288~~ MAS062813 85300

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): david.sisak, nadine.periat, doug.umland@anteagroup.com	California EDF Report? ☑ Yes ☐ No
Company / Address: Antea Group 1155 N 1st Street, Suite 201, San Jose, CA 95112	Sampling Company Log Code:
Phone Number: 408-317-8569	Global ID: T0608100197
Fax Number: 408-318-6200	EDF Deliverable To (Email Address): sandy.hayes@anteagroup.com
Project #: I40256390 / P.O. #: I40256390	Bill to: Doug Umland
Project Name: 76 Service Station No. 6390	Sampler Print Name: David Sisak
	Sampler Signature:

Project Address: 402 S Delaware Street, San Mateo, CA 94402

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☑ 1 wk

PLEASE CIRCLE METHOD

Sample Designation	Date	Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	NAPHTHALENE (EPA 8260B)	ADD, ICE, CLEAN, TEMP, 12-DAY TURN AROUND (8260B)	For Lab Use Only
SB-10_d3.0	6/21/13	0830		X						X		X			X	X	X													X	X	01
SB-10_d5.0	↓	0840		X						X		X			↓	↓	↓													X		02
SB-10_d9.0	↓	1040		X						X		X																	X		03
MW-22_d3.0	6/26/13	1215		X						X		X																	X		04
MW-22_d5.0		1215		X						X		X																	X		05
MW-22_d8.0		1220		X						X		X																	X		06
MW-22_d10.0		1225		X						X		X																	X		07
MW-22_d15.0		1230		X						X		X																	X		08
MW-22_d18.0		1230		X						X		X																	X		09
MW-22_d21.0	↓	1235		X						X		X			↓	↓	↓													X		10

Relinquished by:	Date	Time	Received by:
DAVID SISAK	6/28/13	0900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	062813	0948	KIFF ANALYTICAL

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 052011

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

SRG #: ~~85288~~ MAS 062813 85300	**TAT:** ☒ Standard	☐ Rush	☐ Split	☐ None			
Sample Receipt	**Initials/Date:** ABP 062813	**Storage Time:** 1231	**Sample Login**	**Initials/Date:** MAS 070113			
Method of Receipt: ☒ Courier	☐ Over-the-counter	☐ Shipped	Shipping Custody Seals	☒ N/A	☐ Intact	☐ Broken	
Temp °C 2.6 ☐ N/A	Therm ID IR-1	Time 1229	Coolant present	☒ Yes	☐ No	☐ Water	☐ Temp Excursion

Chain-of-Custody:	**Yes**	**No**
Is COC present?	X	
Is COC signed by relinquisher?	X	
Is COC dated by relinquisher?	X	
Is the sampler's name on the COC?	X	
Are there analyses or hold for all samples?	X	

Documented on	**COC**	**Labels**	**Discrepancies:**
Sample ID	X	X	
Project ID	X	X	
Sample Date	X	X	
Sample Time	X	X	
Does COC match project history?	☒ N/A	☐ Yes	☐ No

Samples:	**N/A**	**Yes**	**No**
Are sample custody seals intact?	X		
Are sample containers intact?		X	
Is preservation documented?	X		
In-house Analysis:	**N/A**	**Yes**	**No**
Are preservatives acceptable?	X		
Are samples within holding time?		X	
Are sample container types correct?		X	
Is there adequate sample volume?		X	

Comments:

Receipt Details:

Matrix	Container Type	# of Containers
So	Sleeve	10

CS Required: ☐

Proceed With Analysis: ☐ YES ☐ NO Init/Date:
Client Communication:

Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: 2.6 ºC
Yes / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 07/12/13 **Date of Analysis:** 07/02/2013 to 07/04/2013

Sample Date: 06/21 and 6/26/13 **Completed By:** David Sisak

Signature:

Circle or Highlight Yes / No (below)

Analytical Lab Used and Report # (if any): Kiff Report Number 85300

1.	Were the analyses the ones requested?	Yes / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	Yes / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	Yes / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	Yes / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	Yes / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	Yes / No
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	Yes / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

KIFF Analytical LLC

Report Number : 84362
Date : 05/17/2013

Laboratory Results

Douglas Umland
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Subject : 1 Water Sample
Project Name : 76 Service Station 6390
Project Number : I40256390
P.O. Number : I40256390

Dear Mr. Umland,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 84362
Date : 05/17/2013

Subject : 1 Water Sample
Project Name : 76 Service Station 6390
Project Number : I40256390
P.O. Number : I40256390

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with sample SB-11 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

Sample SB-11 was received originally as MW-24. The sample name has been changed at the request of the client.

A version of this report was previously issued on 03/22/13. This revised version replaces that report.

KIFF Analytical LLC

Analysis Summary

Report Number : 84362
Date : 05/17/13

Attention : Douglas Umland
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :76 Service Station 6390
Project Number : I40256390

			Sample Name	SB-11
			Sample Date	03/15/13
Analyte	Method	Units	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND
Toluene	EPA 8260B	ug/L	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND
Ethanol	EPA 8260B	ug/L	5.0	**42**
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L	50	**150**
1,2-Dibromoethane	EPA 8260B	ug/L	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L	0.50	ND
Tetrachloroethene	EPA 8260B	ug/L	0.50	**80**
Trichloroethene	EPA 8260B	ug/L	0.50	**1.4**
Vinyl Chloride	EPA 8260B	ug/L	0.50	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L	0.50	**1.4**
trans-1,2-Dichloroethene	EPA 8260B	ug/L	0.50	ND
Naphthalene	EPA 8260B	ug/L	0.50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%		100

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 84362
Date : 05/17/13

Attention : Douglas Umland
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :76 Service Station 6390
Project Number : I40256390

			Sample Name	SB-11
			Sample Date	03/15/13
Analyte	Method	Units	MRL	Results
4-Bromofluorobenzene (Surr)	EPA 8260B	%		98.8
Toluene - d8 (Surr)	EPA 8260B	%		93.8

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 84362
Date : 05/17/2013

Sample : **SB-11**
Project Name : **76 Service Station 6390**
Project Number : **I40256390** Lab Number : 84362-01
Matrix : Water Sample Date :03/15/2013 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	03/22/13 12:41
Toluene	< 0.50	0.50	ug/L	03/22/13 12:41
Ethylbenzene	< 0.50	0.50	ug/L	03/22/13 12:41
Total Xylenes	< 0.50	0.50	ug/L	03/22/13 12:41
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	03/22/13 12:41
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	03/22/13 12:41
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	03/22/13 12:41
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	03/22/13 12:41
Tert-Butanol	< 5.0	5.0	ug/L	03/22/13 12:41
Ethanol	**42**	5.0	ug/L	03/22/13 12:41
TPH as Gasoline	**150**	50	ug/L	03/22/13 12:41
(Note: Primarily compounds not found in typical Gasoline)				
Vinyl Chloride	< 0.50	0.50	ug/L	03/22/13 12:41
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	03/22/13 12:41
cis-1,2-Dichloroethene	**1.4**	0.50	ug/L	03/22/13 12:41
1,2-Dichloroethane	< 0.50	0.50	ug/L	03/22/13 12:41
Trichloroethene	**1.4**	0.50	ug/L	03/22/13 12:41
Tetrachloroethene	**80**	0.50	ug/L	03/22/13 12:41
1,2-Dibromoethane	< 0.50	0.50	ug/L	03/22/13 12:41
Naphthalene	< 0.50	0.50	ug/L	03/22/13 12:41
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	03/22/13 12:41
4-Bromofluorobenzene (Surr)	98.8		% Recovery	03/22/13 12:41
Toluene - d8 (Surr)	93.8		% Recovery	03/22/13 12:41

Report Number : 84362

Date : 05/17/2013

QC Report : Method Blank Data

Project Name : **76 Service Station 6390**

Project Number : **I40256390**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/22/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/22/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/22/2013
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/22/2013
1,2-Dichloroethane-d4 (Surr)	98.2		%	EPA 8260B	03/22/2013
4-Bromofluorobenzene (Surr)	95.6		%	EPA 8260B	03/22/2013
Toluene - d8 (Surr)	100		%	EPA 8260B	03/22/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 84362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 05/17/2013

Project Name : **76 Service Station 6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	84345-22	<0.50	40.0	40.0	39.5	38.1	ug/L	EPA 8260B	3/22/13	98.7	95.3	3.45	80-120	25
1,2-Dichloroethane														
	84345-22	<0.50	40.0	40.0	39.7	37.6	ug/L	EPA 8260B	3/22/13	99.2	94.0	5.41	75.7-122	25
Benzene														
	84345-22	170	40.0	40.0	218	203	ug/L	EPA 8260B	3/22/13	112	**74.3**	**40.6**	80-120	25
Diisopropyl ether														
	84345-22	<0.50	39.4	39.4	38.6	37.0	ug/L	EPA 8260B	3/22/13	98.0	93.7	4.44	80-120	25
Ethanol														
	84345-22	11	101	101	105	106	ug/L	EPA 8260B	3/22/13	93.3	94.6	1.41	55.1-159	25
Ethyl-tert-butyl ether														
	84345-22	<0.50	40.6	40.6	39.4	37.9	ug/L	EPA 8260B	3/22/13	97.0	93.5	3.70	76.5-120	25
Ethylbenzene														
	84345-22	54	40.0	40.0	94.4	89.0	ug/L	EPA 8260B	3/22/13	102	88.8	14.0	80-120	25
Methyl-t-butyl ether														
	84345-22	1.5	40.1	40.1	42.8	40.6	ug/L	EPA 8260B	3/22/13	103	97.7	5.38	69.7-121	25
Naphthalene														
	84345-22	24	40.0	40.0	63.4	61.1	ug/L	EPA 8260B	3/22/13	98.2	92.4	6.04	70.0-130	25
P + M Xylene														
	84345-22	3.3	40.0	40.0	39.4	37.1	ug/L	EPA 8260B	3/22/13	90.3	84.4	6.77	76.8-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 84362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 05/17/2013

Project Name : **76 Service Station 6390**

Project Number : **I40256390**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	84345-22	68	201	201	273	269	ug/L	EPA 8260B	3/22/13	102	99.7	1.91	80-120	25
Tert-amyl-methyl ether														
	84345-22	<0.50	40.4	40.4	38.8	37.3	ug/L	EPA 8260B	3/22/13	96.1	92.4	3.93	78.9-120	25
Tetrachloroethene														
	84345-22	<0.50	40.0	40.0	38.6	37.8	ug/L	EPA 8260B	3/22/13	96.5	94.6	2.01	77.0-120	25
Toluene														
	84345-22	0.56	40.0	40.0	38.7	36.4	ug/L	EPA 8260B	3/22/13	95.4	89.7	6.19	80-120	25
Trichloroethene														
	84345-22	<0.50	40.0	40.0	37.8	35.6	ug/L	EPA 8260B	3/22/13	94.5	88.9	6.16	80-120	25
Vinyl Chloride														
	84345-22	<0.50	40.0	40.0	41.4	36.9	ug/L	EPA 8260B	3/22/13	104	92.2	11.6	42.1-138	25
cis-1,2-Dichloroethene														
	84345-22	<0.50	40.0	40.0	38.7	36.4	ug/L	EPA 8260B	3/22/13	96.7	90.9	6.12	70.0-130	25
t-1,2-Dichloroethene														
	84345-22	<5.0	40.0	40.0	38.1	34.8	ug/L	EPA 8260B	3/22/13	95.2	86.9	9.13	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 84362

QC Report : Laboratory Control Sample (LCS)

Date : 05/17/2013

Project Name : **76 Service Station 6390**

Project Number : **I40256390**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2-Dibromoethane	40.2	ug/L	EPA 8260B	3/22/13	98.9	80-120
1,2-Dichloroethane	40.2	ug/L	EPA 8260B	3/22/13	98.0	75.7-122
Benzene	40.2	ug/L	EPA 8260B	3/22/13	94.4	80-120
Diisopropyl ether	39.6	ug/L	EPA 8260B	3/22/13	99.4	80-120
Ethanol	101	ug/L	EPA 8260B	3/22/13	87.1	55.1-159
Ethyl-tert-butyl ether	40.8	ug/L	EPA 8260B	3/22/13	98.9	76.5-120
Ethylbenzene	40.2	ug/L	EPA 8260B	3/22/13	93.7	80-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	3/22/13	102	69.7-121
Naphthalene	40.2	ug/L	EPA 8260B	3/22/13	101	70.0-130
P + M Xylene	40.2	ug/L	EPA 8260B	3/22/13	92.3	76.8-120
TPH as Gasoline	510	ug/L	EPA 8260B	3/22/13	91.1	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	3/22/13	97.9	80-120
Tert-amyl-methyl ether	40.5	ug/L	EPA 8260B	3/22/13	96.9	78.9-120
Tetrachloroethene	40.2	ug/L	EPA 8260B	3/22/13	95.7	77.0-120
Toluene	40.2	ug/L	EPA 8260B	3/22/13	96.4	80-120
Trichloroethene	40.2	ug/L	EPA 8260B	3/22/13	95.0	80-120
Vinyl Chloride	40.2	ug/L	EPA 8260B	3/22/13	106	42.1-138
cis-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	3/22/13	94.9	70.0-130
t-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	3/22/13	96.0	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 84362

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Doug Umland	California EDF Report? ☑ Yes ☐ No
Company / Address: 1151 N. First Street, Suite 201, San Jose 95112	Sampling Company Log Code:
Phone #: (408) 606-4901 / Fax #: (408) 318-6200	Global ID:
Project #: I40256390 / P.O. #: I40256390	EDF Deliverable To (Email Address): sandy.hayes@anteagroup.com; sara.sichley@anteagroup.com
Project Name: 76 Service Station 6390	Sampler Signature:
Project Address: 402 S. Delaware St, San Mateo, CA	

		Sampling		Container						Preservative					Matrix				Analysis Request									TAT	For Lab Use Only
	Field Point Name	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar		HCl	HNO_3	None			Water	Soil			GRO (8260B)	BTEX, MTBE, TBA, ETBE, DIPE, TAME, Ethanol, 1,2-DCA, EDB (8260B)	Naphthalene (8260B)	PCE, TCE, vinyl chloride, cis 1,2-DCE, trans 1,2-DCE 8260B)						☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk	
MW-24	MW-24	3/15/2013	1400	6						X					X				X	X	X	X							01

Relinquished by:	Date	Time	Received by:
	3/15/13	1500	
Relinquished by:	Date	Time	Received by:
Relinquished by: PAC 031915	Date	Time	Received by Laboratory:
Kiff Analytical	031913	1028	Kiff Analytical

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	herm. ID	Coolant Present
					Yes / No

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER AYC Initials

SRG#: 84362 Date: 031913

Project ID: 76 Service Station 6390

Method of Receipt: ☐ Courier ☐ Over-the-counter ☒ Shipper

Shipping Only: ☒ FedEx * ☐ OnTrac * ☐ Greyhound ☐ Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

Is COC present?	☒ Yes	☐ No			
Custody seals on shipping container?	☐ Intact	☐ Broken	☒ Not present	☐ N/A	
Is COC Signed by Relinquisher?	☒ Yes	☐ No	Dated? ☒ Yes	☐ No	
Is sampler name legibly indicated on COC?	☐ Yes	☒ No			
Is analysis or hold requested for all samples?	☒ Yes	☐ No			
Is the turnaround time indicated on COC?	☒ Yes	☐ No			
Is COC free of whiteout and uninitialed cross-outs?	☒ Yes	☐ No, Whiteout	☐ No, Cross-outs		

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 2.8 Therm. ID# IR-1 Initial AYC Date/Time 031913/1028 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC?	☒ Yes	☐ No	☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated?	☐ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☒ No

Receipt Details

Matrix VA	Container type VOA	# of containers received 6
Matrix _____	Container type _____	# of containers received _____
Matrix _____	Container type _____	# of containers received _____

Date and Time Sample Put into Temp Storage Date: 031913 Time: 1028

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☐ Yes	☒ No	☐ N/A	

COMMENTS:

Sample date on one of the VOAs is unclear. All other VOAs clearly state 031313 as sample date. AYC 031913 1043

Time on all labels is 1045. LJR031913·1522

Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: 2.8 ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 07/12/13 **Date of Analysis:** 03/22/13

Sample Date: 03/15/13 **Completed By:** David Sisak

Signature:

Circle or Highlight Yes / No (below)

Analytical Lab Used and Report # (if any): Kiff Report Number 84362 revised

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	Yes / (No)
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Matrix Spike/Matrix Spike Duplicate results associated with sample SB-11 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

KIFF Analytical LLC

Report Number : 84901
Date : 05/23/2013

Laboratory Results

Douglas Umland
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Subject : 3 Water Samples
Project Name : 256390
Project Number :

Dear Mr. Umland,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 84901
Date : 05/23/2013

Subject : 3 Water Samples
Project Name : 256390
Project Number :

Case Narrative

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-21_20130531.

KIFF Analytical LLC

Analysis Summary

Report Number : 84901
Date : 05/23/13

Attention : Douglas Umland
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-20_20130531		MW-21_20130531		TB-1_20130531	
			Sample Date	05/20/13		05/20/13		05/20/13	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	0.50	**0.72**	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	**150**	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	**290**	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		5.0	ND	20	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**160**	50	**3400**	50	ND
1,2-Dibromoethane	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
Tetrachloroethene	EPA 8260B	ug/L		0.50	**78**	0.50	ND	0.50	ND
Trichloroethene	EPA 8260B	ug/L		0.50	**4.0**	0.50	ND	0.50	ND
Vinyl Chloride	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	**3.7**	0.50	ND	0.50	ND
trans-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			96.7		97.1		99.0
Toluene - d8 (Surr)	EPA 8260B	%			98.6		98.0		98.9

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 84901
Date : 05/23/13

Project Name : **256390**
Project Number :

Sample : **MW-20_20130531** Matrix : Water Lab Number : 84901-01
Sample Date :05/20/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/22/13 02:19
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/22/13 02:19
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**160**	50	ug/L	EPA 8260B	05/22/13 02:19
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:19
cis-1,2-Dichloroethene	**3.7**	0.50	ug/L	EPA 8260B	05/22/13 02:19
Trichloroethene	**4.0**	0.50	ug/L	EPA 8260B	05/22/13 02:19
Tetrachloroethene	**78**	0.50	ug/L	EPA 8260B	05/22/13 02:19
1,2-Dichloroethane-d4 (Surr)	96.7		% Recovery	EPA 8260B	05/22/13 02:19
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	05/22/13 02:19

KIFF Analytical LLC

Report Number : 84901
Date : 05/23/13

Project Name : **256390**
Project Number :

Sample : **MW-21_20130531** Matrix : Water Lab Number : 84901-02
Sample Date :05/20/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.72**	0.50	ug/L	EPA 8260B	05/22/13 02:54
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Ethylbenzene	**150**	0.50	ug/L	EPA 8260B	05/22/13 02:54
Total Xylenes	**290**	0.50	ug/L	EPA 8260B	05/22/13 02:54
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/22/13 02:54
Ethanol	< 20	20	ug/L	EPA 8260B	05/22/13 02:54
TPH as Gasoline	**3400**	50	ug/L	EPA 8260B	05/22/13 02:54
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 02:54
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13 13:21
1,2-Dichloroethane-d4 (Surr)	97.1		% Recovery	EPA 8260B	05/22/13 02:54
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	05/22/13 02:54

KIFF Analytical LLC

Report Number : 84901
Date : 05/23/13

Project Name : **256390**
Project Number :

Sample : **TB-1_20130531** Matrix : Water Lab Number : 84901-03
Sample Date :05/20/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/13 15:58
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/13 15:58
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/21/13 15:58
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13 15:58
1,2-Dichloroethane-d4 (Surr)	99.0		% Recovery	EPA 8260B	05/21/13 15:58
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	05/21/13 15:58

Report Number : 84901

Date : 05/23/13

QC Report : Method Blank Data

Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/22/13
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/13
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/13
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/21/13
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
1,2-Dichloroethane-d4 (Surr)	98.1		%	EPA 8260B	05/21/13
Toluene - d8 (Surr)	98.7		%	EPA 8260B	05/21/13

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Toluene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/13
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	05/21/13
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	05/21/13
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	05/21/13
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	05/21/13
Toluene - d8 (Surr)	98.9		%	EPA 8260B	05/21/13

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 84901

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 05/23/13

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tetrachloroethene														
	84885-09	<0.50	40.0	40.0	41.3	40.0	ug/L	EPA 8260B	5/22/13	103	99.9	3.28	70.0-130	25
1,2-Dibromoethane														
	84889-01	<0.50	40.1	40.1	38.6	38.1	ug/L	EPA 8260B	5/21/13	96.2	95.0	1.20	70.0-130	25
1,2-Dichloroethane														
	84889-01	<0.50	40.0	40.0	34.9	33.4	ug/L	EPA 8260B	5/21/13	87.4	83.6	4.39	70.0-130	25
Benzene														
	84889-01	<0.50	40.0	40.0	39.5	37.8	ug/L	EPA 8260B	5/21/13	98.8	94.4	4.50	70.0-130	25
Diisopropyl ether														
	84889-01	<0.50	40.0	40.0	39.5	38.4	ug/L	EPA 8260B	5/21/13	98.9	96.1	2.90	70.0-130	25
Ethanol														
	84889-01	<5.0	101	101	109	108	ug/L	EPA 8260B	5/21/13	108	107	0.747	55.0-150	25
Ethyl-tert-butyl ether														
	84889-01	<0.50	39.1	39.1	38.8	38.4	ug/L	EPA 8260B	5/21/13	99.1	98.1	1.04	70.0-130	25
Ethylbenzene														
	84889-01	<0.50	40.0	40.0	41.2	39.4	ug/L	EPA 8260B	5/21/13	103	98.6	4.50	70.0-130	25
Methyl-t-butyl ether														
	84889-01	<0.50	39.4	39.4	38.3	37.8	ug/L	EPA 8260B	5/21/13	97.2	96.0	1.25	70.0-130	25

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Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	84889-01	<0.50	40.0	40.0	41.0	39.2	ug/L	EPA 8260B	5/21/13	102	97.9	4.53	70.0-130	25
Tert-Butanol														
	84889-01	800	201	201	985	982	ug/L	EPA 8260B	5/21/13	91.3	89.7	1.78	70.0-130	25
Tert-amyl-methyl ether														
	84889-01	<0.50	39.3	39.3	38.2	37.9	ug/L	EPA 8260B	5/21/13	97.2	96.4	0.848	70.0-130	25
Tetrachloroethene														
	84889-01	<0.50	40.0	40.0	39.6	37.9	ug/L	EPA 8260B	5/21/13	99.0	94.7	4.48	70.0-130	25
Toluene														
	84889-01	<0.50	40.0	40.0	39.0	37.6	ug/L	EPA 8260B	5/21/13	97.6	93.9	3.86	70.0-130	25
Trichloroethene														
	84889-01	<0.50	40.0	40.0	38.6	36.9	ug/L	EPA 8260B	5/21/13	96.6	92.2	4.67	70.0-130	25
Vinyl Chloride														
	84889-01	<0.50	40.0	40.0	38.1	35.8	ug/L	EPA 8260B	5/21/13	95.3	89.5	6.32	70.0-130	25
cis-1,2-Dichloroethene														
	84889-01	<0.50	40.0	40.0	40.1	38.5	ug/L	EPA 8260B	5/21/13	100	96.2	4.26	70.0-130	25
t-1,2-Dichloroethene														
	84889-01	<5.0	40.0	40.0	38.4	36.6	ug/L	EPA 8260B	5/21/13	95.9	91.4	4.79	70.0-130	25

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Report Number : 84901

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Date : 05/23/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	84881-02	<0.50	40.1	40.1	39.4	38.5	ug/L	EPA 8260B	5/21/13	98.2	96.0	2.28	70.0-130	25
1,2-Dichloroethane														
	84881-02	<0.50	40.0	40.0	35.9	34.3	ug/L	EPA 8260B	5/21/13	89.7	85.8	4.39	70.0-130	25
Benzene														
	84881-02	<0.50	40.0	40.0	40.1	38.1	ug/L	EPA 8260B	5/21/13	100	95.2	5.08	70.0-130	25
Diisopropyl ether														
	84881-02	<0.50	40.0	40.0	39.7	38.2	ug/L	EPA 8260B	5/21/13	99.3	95.7	3.72	70.0-130	25
Ethanol														
	84881-02	<5.0	101	101	99.7	118	ug/L	EPA 8260B	5/21/13	98.8	117	17.2	55.0-150	25
Ethyl-tert-butyl ether														
	84881-02	<0.50	39.1	39.1	40.1	39.1	ug/L	EPA 8260B	5/21/13	102	100	2.45	70.0-130	25
Ethylbenzene														
	84881-02	<0.50	40.0	40.0	41.3	40.0	ug/L	EPA 8260B	5/21/13	103	99.9	3.32	70.0-130	25
Methyl-t-butyl ether														
	84881-02	<0.50	39.4	39.4	39.2	38.3	ug/L	EPA 8260B	5/21/13	99.6	97.2	2.45	70.0-130	25
P + M Xylene														
	84881-02	<0.50	40.0	40.0	41.0	39.9	ug/L	EPA 8260B	5/21/13	102	99.7	2.64	70.0-130	25
Tert-Butanol														
	84881-02	<5.0	201	201	199	202	ug/L	EPA 8260B	5/21/13	99.3	101	1.40	70.0-130	25

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 05/23/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-amyl-methyl ether														
	84881-02	<0.50	39.3	39.3	39.3	38.2	ug/L	EPA 8260B	5/21/13	100	97.1	2.96	70.0-130	25
Tetrachloroethene														
	84881-02	<0.50	40.0	40.0	40.7	38.3	ug/L	EPA 8260B	5/21/13	102	95.7	6.20	70.0-130	25
Toluene														
	84881-02	<0.50	40.0	40.0	39.4	38.0	ug/L	EPA 8260B	5/21/13	98.5	94.9	3.70	70.0-130	25
Trichloroethene														
	84881-02	<0.50	40.0	40.0	39.2	37.6	ug/L	EPA 8260B	5/21/13	97.9	93.9	4.19	70.0-130	25
Vinyl Chloride														
	84881-02	<0.50	40.0	40.0	40.8	37.9	ug/L	EPA 8260B	5/21/13	102	94.8	7.32	70.0-130	25
cis-1,2-Dichloroethene														
	84881-02	<0.50	40.0	40.0	40.8	38.7	ug/L	EPA 8260B	5/21/13	102	96.8	5.30	70.0-130	25
t-1,2-Dichloroethene														
	84881-02	<5.0	40.0	40.0	39.4	37.8	ug/L	EPA 8260B	5/21/13	98.6	94.4	4.37	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Tetrachloroethene	40.2	ug/L	EPA 8260B	5/22/13	105	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	5/21/13	95.2	70.0-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	5/21/13	82.9	70.0-130
Benzene	40.0	ug/L	EPA 8260B	5/21/13	96.9	70.0-130
Diisopropyl ether	40.0	ug/L	EPA 8260B	5/21/13	97.6	70.0-130
Ethanol	101	ug/L	EPA 8260B	5/21/13	111	55.0-150
Ethyl-tert-butyl ether	39.1	ug/L	EPA 8260B	5/21/13	98.5	70.0-130
Ethylbenzene	40.0	ug/L	EPA 8260B	5/21/13	101	70.0-130
Methyl-t-butyl ether	39.4	ug/L	EPA 8260B	5/21/13	94.4	70.0-130
P + M Xylene	40.0	ug/L	EPA 8260B	5/21/13	102	70.0-130
TPH as Gasoline	506	ug/L	EPA 8260B	5/21/13	91.4	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	5/21/13	96.4	70.0-130
Tert-amyl-methyl ether	39.3	ug/L	EPA 8260B	5/21/13	94.5	70.0-130
Tetrachloroethene	40.0	ug/L	EPA 8260B	5/21/13	98.0	70.0-130
Toluene	40.0	ug/L	EPA 8260B	5/21/13	95.8	70.0-130
Trichloroethene	40.0	ug/L	EPA 8260B	5/21/13	95.7	70.0-130
Vinyl Chloride	40.0	ug/L	EPA 8260B	5/21/13	92.9	70.0-130
cis-1,2-Dichloroethene	40.0	ug/L	EPA 8260B	5/21/13	98.7	70.0-130
t-1,2-Dichloroethene	40.0	ug/L	EPA 8260B	5/21/13	94.7	70.0-130
1,2-Dibromoethane	40.2	ug/L	EPA 8260B	5/21/13	97.4	70.0-130

Report Number : 84901

QC Report : Laboratory Control Sample (LCS)

Date : 05/23/2013

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2-Dichloroethane	40.1	ug/L	EPA 8260B	5/21/13	89.4	70.0-130
Benzene	40.1	ug/L	EPA 8260B	5/21/13	98.6	70.0-130
Diisopropyl ether	40.1	ug/L	EPA 8260B	5/21/13	97.1	70.0-130
Ethanol	101	ug/L	EPA 8260B	5/21/13	107	55.0-150
Ethyl-tert-butyl ether	39.2	ug/L	EPA 8260B	5/21/13	101	70.0-130
Ethylbenzene	40.1	ug/L	EPA 8260B	5/21/13	101	70.0-130
Methyl-t-butyl ether	39.5	ug/L	EPA 8260B	5/21/13	99.0	70.0-130
P + M Xylene	40.1	ug/L	EPA 8260B	5/21/13	101	70.0-130
TPH as Gasoline	506	ug/L	EPA 8260B	5/21/13	90.0	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	5/21/13	97.4	70.0-130
Tert-amyl-methyl ether	39.4	ug/L	EPA 8260B	5/21/13	98.5	70.0-130
Tetrachloroethene	40.1	ug/L	EPA 8260B	5/21/13	99.6	70.0-130
Toluene	40.1	ug/L	EPA 8260B	5/21/13	97.8	70.0-130
Trichloroethene	40.1	ug/L	EPA 8260B	5/21/13	96.5	70.0-130
Vinyl Chloride	40.1	ug/L	EPA 8260B	5/21/13	100	70.0-130
cis-1,2-Dichloroethene	40.1	ug/L	EPA 8260B	5/21/13	101	70.0-130
t-1,2-Dichloroethene	40.1	ug/L	EPA 8260B	5/21/13	95.3	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

20130531.256390.WG_Q_201305.BO

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

anteagroup

84901

2Q13 GW Event

Required Lab Information:

Lab Name:	Kiff Analytical
Address:	2795 Second Street, #300
Davis, CA 95618	
Lab PM:	Scott Forbes
Phone/Fax:	P: 530-297-4800 F: 530-297-4808
Lab PM email	SForbes@kiffanalytical.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	256390
Task:	WG_Q_201305
AnteaGrp proj#	
Site Address	402 DELAWARE ST
City	SAN MATEO
State	CA 94402
AG PM Name:	Doug Umland
Phone/Fax:	P: 408-606-4901 F: 408-318-6200
AG PM Email:	doug.umland@anteagroup.com

Required Invoice Information:

Send Invoice to:	Sandy Hayes
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	916-638-2085
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	AGDataView.US@anteagroup.com
CC Hardcopy report to	sara.sichley@anteagroup.com
CC Hardcopy report to	

Turn around time (days): 10

QC level Required: Standard | Special | Mark one

NJ Reduced Deliverable Package?

MA MCP Cert? | CT RCP Cert? | Mark One

Lab Project ID (lab use)

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OIL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260BTEX/MTBE/TOxy/DA	8270C Naphthalene	8260 PCE	8260 TCE	8260 cis-1,2 DCE	8260 trans-1,2, DCE	8260 Vinyl Chloride		Comments/Lab Sample I.D.
1	MW-20_20130531	WG	G	05-20-13	0825	5		X			X					X	X	X	X	X	X	X	X		7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2DCA, EDB, and Ethanol	01
2	MW-21_20130531	WG	G	↓	0920	5		X			X					X	X	X	X	X	X	X	X			02
3	TB1_20130531	W	G		0720	2					X					X	X		X	X	X	X	X			03
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Additional Comments/Special Instructions:

T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	5-20-13	1610		5-20-13	1610
	5-20-13	1610			
			Kiff Analytical	052113	1101

SHIPPING METHOD (mark as appropriate): UPS COURIER FEDEX / US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Keen Sim

SIGNATURE of SAMPLER:

DATE Signed: 5-20-13

Time: 1610

Sample Receipt Conditions

	Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N

Page 1 of 1

Final 11/13/06. AMTait

Inogen Environmental Alliance

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

SRG #: 84901	**TAT:** ☒ Standard	☐ Rush	☐ Split	☐ None			
Sample Receipt	**Initials/Date:** TJB/052113	**Storage Time:** 1101	**Sample Login**	**Initials/Date:** TJB 052113			
Method of Receipt:	☐ Courier	☐ Over-the-counter	☒ Shipped	Shipping Custody Seals	☒ N/A	☐ Intact	☐ Broken

Temp °C 1.2	☐ N/A	Therm ID IR-1	Time 1051	Coolant present	☒ Yes	☐ No	☐ Water	☐ Temp Excursion

Chain-of-Custody:	**Yes**	**No**
Is COC present?	X	
Is COC signed by relinquisher?	X	
Is COC dated by relinquisher?	X	
Is the sampler's name on the COC?	X	
Are there analyses or hold for all samples?	X	

Documented on	**COC**	**Labels**	**Discrepancies:**
Sample ID	X	X	
Project ID	X	X	
Sample Date	X	X	
Sample Time	X	X	
Does COC match project history?	☐ N/A	☐ Yes	☒ No

Samples:	**N/A**	**Yes**	**No**
Are sample custody seals intact?	X		
Are sample containers intact?		X	
Is preservation documented?		X	
In-house Analysis:	**N/A**	**Yes**	**No**
Are preservatives acceptable?		X	
Are samples within holding time?		X	
Are sample container types correct?		X	
Is there adequate sample volume?		X	

Comments: Bubbles are present in sample -03 (VOA 2 of 2)
TJB 052113 1210

Receipt Details:

Matrix	Container Type	# of Containers
WA	VOA	8
WA	Amber	4

CS Required: ☒

Proceed With Analysis: ☑ YES ☐ NO Init/Date: SMF 052213
Client Communication:

Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: 1.2 ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: COP ELT

Project #: I40256390

Date of Validation: 5/30/13 **Date of Analysis:** 5/21, 5/22

Sample Date: 5/20/13 **Completed By:** Angela Barillas

Signature: Angela Barillas

Circle or Highlight Yes / No (below)

Analytical Lab Used and Report # (if any): Kiff 84901

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD, LCS/LCSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Data Qualifiers: The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-21.

Leaders in Analytical Science and Service

KIFF Analytical LLC

Subcontract Laboratory Report Attachments

2795 Second Street, Suite 300 Davis, CA 95618
tel 530.297.4800 fax 530.297.4808
www.kiffanalytical.com

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 13-05-1573

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Kiff Analytical

Client Project Name: 256390

Attention: Joel Kiff
2795 2nd Street, Suite 300
Davis, CA 95618-6505

Amanda Porter

Approved for release on 05/29/2013 by:
Amanda Porter
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

Contents

Client Project Name: 256390
Work Order Number: 13-05-1573

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2 Client Sample Data 4
2.1 EPA 8270C Semi-Volatile Organics (Aqueous) 4

3 Quality Control Sample Data 6
3.1 LCS/LCSD 6

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Calscience Environmental Laboratories, Inc.

Work Order Narrative

ACCREDITED IN ACCORDANCE WITH nelac

Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 05/22/2013. They were assigned to Work Order 13-05-1573.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with an immediate holding time (HT </= 15 minutes --40CFR-136.3 Table II footnote 4), is considered a "field" test and reported samples results are not flagged unless the analysis is performed beyond 24 hours of the time of collection.

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Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontract Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95618-6505

Date Received: 05/22/13
Work Order No: 13-05-1573
Preparation: EPA 3510C
Method: EPA 8270C

Project: 256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-20_20130531	**13-05-1573-1-B**	**05/20/13 08:25**	**Aqueous**	**GC/MS TT**	**05/23/13**	**05/23/13 19:52**	**130523L04**

Parameter	Result	RL	DF	Qual	Units
Naphthalene	ND	10	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
2-Fluorobiphenyl	59	42-138	
2-Fluorophenol	50	7-121	
Nitrobenzene-d5	65	50-146	
p-Terphenyl-d14	85	47-173	
Phenol-d6	37	1-127	
2,4,6-Tribromophenol	87	41-137	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-21_20130531	**13-05-1573-2-B**	**05/20/13 09:20**	**Aqueous**	**GC/MS TT**	**05/23/13**	**05/23/13 20:18**	**130523L04**

Parameter	Result	RL	DF	Qual	Units
Naphthalene	82	10	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
2-Fluorobiphenyl	67	42-138	
2-Fluorophenol	56	7-121	
Nitrobenzene-d5	73	50-146	
p-Terphenyl-d14	93	47-173	
Phenol-d6	41	1-127	
2,4,6-Tribromophenol	98	41-137	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95618-6505

Date Received: 05/22/13
Work Order No: 13-05-1573
Preparation: EPA 3510C
Method: EPA 8270C

Project: 256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-003-3,602**	**N/A**	**Aqueous**	**GC/MS TT**	**05/23/13**	**05/23/13 17:19**	**130523L04**

Parameter	Result	RL	DF	Qual	Units
Naphthalene	ND	10	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
2-Fluorobiphenyl	70	42-138	
2-Fluorophenol	58	7-121	
Nitrobenzene-d5	75	50-146	
p-Terphenyl-d14	92	47-173	
Phenol-d6	41	1-127	
2,4,6-Tribromophenol	96	41-137	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95618-6505

Date Received: N/A
Work Order No: 13-05-1573
Preparation: EPA 3510C
Method: EPA 8270C

Project: 256390

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-003-3,602	**Aqueous**	**GC/MS TT**	**05/23/13**	**05/23/13**	**130523L04**

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Acenaphthene	200.0	172.7	86	174.6	87	55-139	41-153	1	0-17	
Acenaphthylene	200.0	165.1	83	164.1	82	33-145	14-164	1	0-20	
Butyl Benzyl Phthalate	200.0	189.7	95	187.9	94	0-152	0-177	1	0-20	
4-Chloro-3-Methylphenol	200.0	170.0	85	180.3	90	55-121	44-132	6	0-18	
2-Chlorophenol	200.0	175.3	88	178.6	89	53-113	43-123	2	0-17	
1,4-Dichlorobenzene	200.0	140.0	70	139.8	70	50-122	38-134	0	0-19	
Dimethyl Phthalate	200.0	187.6	94	188.9	94	0-112	0-131	1	0-20	
2,4-Dinitrotoluene	200.0	204.2	102	205.8	103	41-161	21-181	1	0-22	
Fluorene	200.0	187.4	94	188.3	94	59-121	49-131	0	0-20	
N-Nitroso-di-n-propylamine	200.0	158.9	79	152.5	76	56-146	41-161	4	0-22	
Naphthalene	200.0	153.5	77	154.7	77	21-133	2-152	1	0-20	
4-Nitrophenol	200.0	109.7	55	112.6	56	1-145	0-169	3	0-29	
Pentachlorophenol	200.0	125.4	63	131.5	66	34-130	18-146	5	0-23	
Phenol	200.0	120.3	60	122.9	61	4-142	0-165	2	0-24	
Pyrene	200.0	198.1	99	194.3	97	38-170	16-192	2	0-27	
1,2,4-Trichlorobenzene	200.0	159.5	80	159.4	80	49-121	37-133	0	0-19	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

ACCREDITED IN ACCORDANCE WITH nelac

Work Order Number: 13-05-1573

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

For any analysis identified as a "field" test with a holding time (HT) </= 15 minutes where the sample is received outside of HT, Calscience will adhere to its internal HT of 24 hours. In cases where sample analysis does not meet Calscience's internal HT, results will be appropriately qualified.

Return to Contents

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4808

Calscience
7440 Lincoln Way
Garden Grove. CA 92841-1427
714-895-5494

13-05-1573

COC No. **84901** Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Scott Forbes

Company/Address: Kiff Analytical

Phone No.: 530-297-4800 FAX No.: 530-297-4808

Project Number: P.O. No.: 84901

Project Name: 256390

Project Address:

EDF Report? YES

Recommended but not mandatory to complete this section:

Sampling Company Log Code: BTSS

Global ID: T0608100632

Deliverables to (Email Address): inbox@kiffanalytical.com

Sample Designation	Sampling Date	Sampling Time	Container / Preservative: 1-L Amber None	Matrix: Water	Analysis Request: Naphthalene by EPA 8270	TAT: 4-Days	For Lab Use Only
MW-20_20130531	05/20/13	08:25	2	X	X	X	1
MW-21_20130531	05/20/13	09:20	2	X	X	X	2

Relinquished by:	Date	Time	Received by:
Kiff Analytical LLC	052113	1700	
Relinquished by:	Date	Time	Received by:
Relinquished by: (CONTRAC)	Date 5/22/13	Time 09:30	Received by Laboratory:

Remarks: Please include a "TDM_EDD" formatted EQuiS EDD with the report.

Bill to: Accounts Payable

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1573

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2795 2ND STREET 300
DAVIS, CA 95618

Sent By: SAMPLE RECEIVINGX125
Phone#: (530)297-4800
wgt(lbs): 20
Reference: SUBS 84900, 01
Reference 2: 600

Ship To Company:	*Service:* **S**
CALSCIENCE ENVIRONMENTAL LABS **7440 LINCOLN WAY** **GARDEN GROVE, CA 92841** **SAMPLE RECEIVING (714)895-5494**	*Sort Code:* **ORG** *Special Services:* **Signature Required**

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 13-05-1573

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: KIFF DATE: 05/22/13

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.5 °C - 0.2 °C (CF) = 2.3 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: JPS

CUSTODY SEALS INTACT:

☑ Cooler	☐ _____	☐ No (Not Intact)	☐ Not Present	☐ N/A	Initial: JPS
☐ Sample	☐ _____	☐ No (Not Intact)	☑ Not Present		Initial: JPS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☐	☐	☑
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☑1AGB (2) ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** JPS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** JPS

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** JPS

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Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: 2.3 ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: COP ELT

Project #: I40256390

Date of Validation: 5/30/13 **Date of Analysis:** 5/23/13

Sample Date: 5/20/13 **Completed By:** Angela Barillas

Signature: Angela Barillas

Circle or Highlight

(Yes) / No (below)

Analytical Lab Used and Report # (if any): Calscience 13-05-1573

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD, LCS/LCSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Data-Qualifiers:

KIFF Analytical LLC

Report Number : 85362
Date : 07/10/2013

Laboratory Results

Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Subject : 4 Water Samples
Project Name : 256390
Project Number :

Dear Ms. Periat,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 85362
Date : 07/10/2013

Subject : 4 Water Samples
Project Name : 256390
Project Number :

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with samples MW-21_20130731 and MW-23_20130731 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

KIFF Analytical LLC

Analysis Summary

Report Number : 85362
Date : 07/10/13

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-20_20130731		MW-21_20130731		MW-23_20130731		MW-24_20130731	
			Sample Date	07/08/13		07/08/13		07/08/13		07/08/13	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	5.0	**1000**	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	5.0	**2600**	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		5.0	ND	50	ND	5.0	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	25	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**110**	500	**24000**	50	**190**	50	ND
1,2-Dibromoethane	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
Naphthalene	EPA 8260B	ug/L		0.50	ND	5.0	**460**	0.50	ND	0.50	ND
Tetrachloroethene	EPA 8260B	ug/L		0.50	**53**	5.0	ND	0.50	**90**	0.50	**1.3**
Trichloroethene	EPA 8260B	ug/L		0.50	**3.9**	5.0	ND	0.50	**10**	0.50	ND
Vinyl Chloride	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	**4.0**	5.0	ND	0.50	**16**	0.50	ND
trans-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	ND	5.0	ND	0.50	ND	0.50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			99.8		99.5		99.2		98.9

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 85362
Date : 07/10/13

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			MW-20_20130731		MW-21_20130731		MW-23_20130731		MW-24_20130731	
		Sample Name								
		Sample Date	07/08/13		07/08/13		07/08/13		07/08/13	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results
4-Bromofluorobenzene (Surr)	EPA 8260B	%		103		105		104		101
Toluene - d8 (Surr)	EPA 8260B	%		95.1		94.2		95.0		99.0

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 85362
Date : 07/10/2013

Sample : **MW-20_20130731**
Project Name : **256390**
Project Number : Lab Number : 85362-06
Matrix : Water Sample Date :07/08/2013 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	07/09/13 23:20
Toluene	< 0.50	0.50	ug/L	07/09/13 23:20
Ethylbenzene	< 0.50	0.50	ug/L	07/09/13 23:20
Total Xylenes	< 0.50	0.50	ug/L	07/09/13 23:20
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	07/09/13 23:20
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	07/09/13 23:20
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	07/09/13 23:20
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	07/09/13 23:20
Tert-Butanol	< 5.0	5.0	ug/L	07/09/13 23:20
Ethanol	< 5.0	5.0	ug/L	07/09/13 23:20
TPH as Gasoline	**110**	50	ug/L	07/09/13 23:20
(Note: Primarily compounds not found in typical Gasoline)				
1,2-Dichloroethane	< 0.50	0.50	ug/L	07/09/13 23:20
1,2-Dibromoethane	< 0.50	0.50	ug/L	07/09/13 23:20
Vinyl Chloride	< 0.50	0.50	ug/L	07/09/13 23:20
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	07/09/13 23:20
cis-1,2-Dichloroethene	**4.0**	0.50	ug/L	07/09/13 23:20
Trichloroethene	**3.9**	0.50	ug/L	07/09/13 23:20
Tetrachloroethene	**53**	0.50	ug/L	07/09/13 23:20
Naphthalene	< 0.50	0.50	ug/L	07/09/13 23:20
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	07/09/13 23:20
Toluene - d8 (Surr)	95.1		% Recovery	07/09/13 23:20
4-Bromofluorobenzene (Surr)	103		% Recovery	07/09/13 23:20

KIFF Analytical LLC

Report Number : 85362

Date : 07/10/2013

Sample : **MW-21_20130731**

Project Name : **256390**

Project Number :

Lab Number : 85362-07

Matrix : Water

Sample Date :07/08/2013

Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 5.0	5.0	ug/L	07/09/13 18:22
Toluene	< 5.0	5.0	ug/L	07/09/13 18:22
Ethylbenzene	**1000**	5.0	ug/L	07/09/13 18:22
Total Xylenes	**2600**	5.0	ug/L	07/09/13 18:22
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	07/09/13 18:22
Diisopropyl ether (DIPE)	< 5.0	5.0	ug/L	07/09/13 18:22
Ethyl-t-butyl ether (ETBE)	< 5.0	5.0	ug/L	07/09/13 18:22
Tert-amyl methyl ether (TAME)	< 5.0	5.0	ug/L	07/09/13 18:22
Tert-Butanol	< 25	25	ug/L	07/09/13 18:22
Ethanol	< 50	50	ug/L	07/09/13 18:22
TPH as Gasoline	**24000**	500	ug/L	07/09/13 18:22
1,2-Dichloroethane	< 5.0	5.0	ug/L	07/09/13 18:22
1,2-Dibromoethane	< 5.0	5.0	ug/L	07/09/13 18:22
Vinyl Chloride	< 5.0	5.0	ug/L	07/09/13 18:22
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	07/09/13 18:22
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	07/09/13 18:22
Trichloroethene	< 5.0	5.0	ug/L	07/09/13 18:22
Tetrachloroethene	< 5.0	5.0	ug/L	07/09/13 18:22
Naphthalene	**460**	5.0	ug/L	07/09/13 18:22
1,2-Dichloroethane-d4 (Surr)	99.5		% Recovery	07/09/13 18:22
Toluene - d8 (Surr)	94.2		% Recovery	07/09/13 18:22
4-Bromofluorobenzene (Surr)	105		% Recovery	07/09/13 18:22

KIFF Analytical LLC

Report Number : 85362
Date : 07/10/2013

Sample : **MW-23_20130731**
Project Name : **256390**
Project Number : Lab Number : 85362-08
Matrix : Water Sample Date :07/08/2013 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	07/09/13 17:17
Toluene	< 0.50	0.50	ug/L	07/09/13 17:17
Ethylbenzene	< 0.50	0.50	ug/L	07/09/13 17:17
Total Xylenes	< 0.50	0.50	ug/L	07/09/13 17:17
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	07/09/13 17:17
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	07/09/13 17:17
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	07/09/13 17:17
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	07/09/13 17:17
Tert-Butanol	< 5.0	5.0	ug/L	07/09/13 17:17
Ethanol	< 5.0	5.0	ug/L	07/09/13 17:17
TPH as Gasoline	**190**	50	ug/L	07/09/13 17:17
(Note: Primarily compounds not found in typical Gasoline)				
1,2-Dichloroethane	< 0.50	0.50	ug/L	07/09/13 17:17
1,2-Dibromoethane	< 0.50	0.50	ug/L	07/09/13 17:17
Vinyl Chloride	< 0.50	0.50	ug/L	07/09/13 17:17
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	07/09/13 17:17
cis-1,2-Dichloroethene	**16**	0.50	ug/L	07/09/13 17:17
Trichloroethene	**10**	0.50	ug/L	07/09/13 17:17
Tetrachloroethene	**90**	0.50	ug/L	07/09/13 17:17
Naphthalene	< 0.50	0.50	ug/L	07/09/13 17:17
1,2-Dichloroethane-d4 (Surr)	99.2		% Recovery	07/09/13 17:17
Toluene - d8 (Surr)	95.0		% Recovery	07/09/13 17:17
4-Bromofluorobenzene (Surr)	104		% Recovery	07/09/13 17:17

KIFF Analytical LLC

Report Number : 85362
Date : 07/10/2013

Sample : **MW-24_20130731**
Project Name : **256390**
Project Number : Lab Number : 85362-09
Matrix : Water Sample Date :07/08/2013 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	07/09/13 21:00
Toluene	< 0.50	0.50	ug/L	07/09/13 21:00
Ethylbenzene	< 0.50	0.50	ug/L	07/09/13 21:00
Total Xylenes	< 0.50	0.50	ug/L	07/09/13 21:00
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	07/09/13 21:00
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	07/09/13 21:00
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	07/09/13 21:00
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	07/09/13 21:00
Tert-Butanol	< 5.0	5.0	ug/L	07/09/13 21:00
Ethanol	< 5.0	5.0	ug/L	07/09/13 21:00
TPH as Gasoline	< 50	50	ug/L	07/09/13 21:00
1,2-Dichloroethane	< 0.50	0.50	ug/L	07/09/13 21:00
1,2-Dibromoethane	< 0.50	0.50	ug/L	07/09/13 21:00
Vinyl Chloride	< 0.50	0.50	ug/L	07/09/13 21:00
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	07/09/13 21:00
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	07/09/13 21:00
Trichloroethene	< 0.50	0.50	ug/L	07/09/13 21:00
Tetrachloroethene	**1.3**	0.50	ug/L	07/09/13 21:00
Naphthalene	< 0.50	0.50	ug/L	07/09/13 21:00
1,2-Dichloroethane-d4 (Surr)	98.9		% Recovery	07/09/13 21:00
Toluene - d8 (Surr)	99.0		% Recovery	07/09/13 21:00
4-Bromofluorobenzene (Surr)	101		% Recovery	07/09/13 21:00

Report Number : 85362

Date : 07/10/2013

QC Report : Method Blank Data

Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	07/09/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	07/09/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	07/09/2013
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
1,2-Dichloroethane-d4 (Surr)	98.7		%	EPA 8260B	07/09/2013
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	07/09/2013
Toluene - d8 (Surr)	95.6		%	EPA 8260B	07/09/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	07/09/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	07/09/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	07/09/2013
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	07/09/2013
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	07/09/2013
Toluene - d8 (Surr)	95.4		%	EPA 8260B	07/09/2013

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 85362

Date : 07/10/2013

QC Report : Method Blank Data

Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Toluene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	07/09/2013
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	07/09/2013
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	07/09/2013
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	07/09/2013
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	07/09/2013
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	07/09/2013
Toluene - d8 (Surr)	99.0		%	EPA 8260B	07/09/2013

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 85362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	85304-02	<0.50	40.3	40.3	41.2	42.0	ug/L	EPA 8260B	7/9/13	102	104	1.89	70.0-130	25
1,2-Dichloroethane														
	85304-02	<0.50	40.0	40.0	42.9	43.6	ug/L	EPA 8260B	7/9/13	107	109	1.70	70.0-130	25
Benzene														
	85304-02	<0.50	40.0	40.0	39.7	39.9	ug/L	EPA 8260B	7/9/13	99.3	99.7	0.437	70.0-130	25
Diisopropyl ether														
	85304-02	<0.50	39.3	39.3	42.5	43.3	ug/L	EPA 8260B	7/9/13	108	110	1.95	70.0-130	25
Ethanol														
	85304-02	18	99.3	99.3	134	141	ug/L	EPA 8260B	7/9/13	117	124	5.40	55.0-150	25
Ethyl-tert-butyl ether														
	85304-02	<0.50	40.1	40.1	42.7	43.7	ug/L	EPA 8260B	7/9/13	106	109	2.48	70.0-130	25
Ethylbenzene														
	85304-02	<0.50	40.0	40.0	42.8	42.8	ug/L	EPA 8260B	7/9/13	107	107	0.102	70.0-130	25
Methyl-t-butyl ether														
	85304-02	4100	39.9	39.9	4040	4130	ug/L	EPA 8260B	7/9/13	**0.00**	97.2	**200**	70.0-130	25
Naphthalene														
	85304-02	<0.50	40.0	40.0	40.9	41.4	ug/L	EPA 8260B	7/9/13	102	104	1.34	70.0-130	25
P + M Xylene														
	85304-02	<0.50	40.0	40.0	42.2	42.4	ug/L	EPA 8260B	7/9/13	105	106	0.519	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 85362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	85304-02	160	202	202	380	378	ug/L	EPA 8260B	7/9/13	106	105	1.09	70.0-130	25
Tert-amyl-methyl ether														
	85304-02	12	40.3	40.3	53.0	54.6	ug/L	EPA 8260B	7/9/13	101	105	3.66	70.0-130	25
Tetrachloroethene														
	85304-02	<0.50	40.0	40.0	40.7	41.1	ug/L	EPA 8260B	7/9/13	102	103	1.03	70.0-130	25
Toluene														
	85304-02	<0.50	40.0	40.0	39.5	39.8	ug/L	EPA 8260B	7/9/13	98.8	99.6	0.755	70.0-130	25
Trichloroethene														
	85304-02	<0.50	40.0	40.0	41.1	41.2	ug/L	EPA 8260B	7/9/13	103	103	0.229	70.0-130	25
Vinyl Chloride														
	85304-02	<0.50	40.0	40.0	47.3	47.9	ug/L	EPA 8260B	7/9/13	118	120	1.30	70.0-130	25
cis-1,2-Dichloroethene														
	85304-02	<0.50	40.0	40.0	40.7	41.0	ug/L	EPA 8260B	7/9/13	102	102	0.682	70.0-130	25
t-1,2-Dichloroethene														
	85304-02	<5.0	40.0	40.0	42.8	43.3	ug/L	EPA 8260B	7/9/13	107	108	1.31	70.0-130	25
1,2-Dibromoethane														
	85363-12	<0.50	40.3	40.3	40.0	40.2	ug/L	EPA 8260B	7/9/13	99.3	99.6	0.346	70.0-130	25

KIFF ANALYTICAL, LLC

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Report Number : 85362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dichloroethane														
	85363-12	<0.50	40.0	40.0	42.2	41.9	ug/L	EPA 8260B	7/9/13	105	105	0.656	70.0-130	25
Benzene														
	85363-12	<0.50	40.0	40.0	38.6	38.2	ug/L	EPA 8260B	7/9/13	96.6	95.5	1.13	70.0-130	25
Diisopropyl ether														
	85363-12	<0.50	39.3	39.3	41.7	41.4	ug/L	EPA 8260B	7/9/13	106	105	0.495	70.0-130	25
Ethanol														
	85363-12	<5.0	99.3	99.3	113	114	ug/L	EPA 8260B	7/9/13	114	115	1.31	55.0-150	25
Ethyl-tert-butyl ether														
	85363-12	<0.50	40.1	40.1	43.5	43.4	ug/L	EPA 8260B	7/9/13	108	108	0.0980	70.0-130	25
Ethylbenzene														
	85363-12	<0.50	40.0	40.0	42.1	41.3	ug/L	EPA 8260B	7/9/13	105	103	1.87	70.0-130	25
Methyl-t-butyl ether														
	85363-12	<0.50	39.9	39.9	42.4	42.2	ug/L	EPA 8260B	7/9/13	106	106	0.422	70.0-130	25
Naphthalene														
	85363-12	<0.50	40.0	40.0	40.3	39.9	ug/L	EPA 8260B	7/9/13	101	99.8	0.962	70.0-130	25
P + M Xylene														
	85363-12	<0.50	40.0	40.0	41.4	40.9	ug/L	EPA 8260B	7/9/13	103	102	1.19	70.0-130	25
Tert-Butanol														
	85363-12	<5.0	202	202	203	205	ug/L	EPA 8260B	7/9/13	101	102	1.12	70.0-130	25

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 85362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-amyl-methyl ether														
	85363-12	<0.50	40.3	40.3	42.1	41.8	ug/L	EPA 8260B	7/9/13	104	104	0.780	70.0-130	25
Tetrachloroethene														
	85363-12	<0.50	40.0	40.0	40.3	39.8	ug/L	EPA 8260B	7/9/13	101	99.4	1.24	70.0-130	25
Toluene														
	85363-12	<0.50	40.0	40.0	38.6	38.2	ug/L	EPA 8260B	7/9/13	96.5	95.5	1.07	70.0-130	25
Trichloroethene														
	85363-12	<0.50	40.0	40.0	40.2	39.6	ug/L	EPA 8260B	7/9/13	100	99.0	1.56	70.0-130	25
Vinyl Chloride														
	85363-12	<0.50	40.0	40.0	48.8	47.3	ug/L	EPA 8260B	7/9/13	122	118	3.15	70.0-130	25
cis-1,2-Dichloroethene														
	85363-12	<0.50	40.0	40.0	40.0	39.0	ug/L	EPA 8260B	7/9/13	99.9	97.5	2.42	70.0-130	25
t-1,2-Dichloroethene														
	85363-12	<5.0	40.0	40.0	42.4	41.6	ug/L	EPA 8260B	7/9/13	106	104	2.04	70.0-130	25
1,2-Dibromoethane														
	85363-14	<0.50	40.3	40.3	41.8	41.5	ug/L	EPA 8260B	7/9/13	104	103	0.708	70.0-130	25
1,2-Dichloroethane														
	85363-14	<0.50	40.0	40.0	40.2	39.7	ug/L	EPA 8260B	7/9/13	100	99.2	1.33	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	85363-14	4.0	40.0	40.0	44.9	45.1	ug/L	EPA 8260B	7/9/13	102	103	0.355	70.0-130	25
Diisopropyl ether														
	85363-14	<0.50	39.3	39.3	41.5	41.7	ug/L	EPA 8260B	7/9/13	106	106	0.618	70.0-130	25
Ethanol														
	85363-14	<5.0	99.3	99.3	96.0	104	ug/L	EPA 8260B	7/9/13	96.7	104	7.70	55.0-150	25
Ethyl-tert-butyl ether														
	85363-14	<0.50	40.1	40.1	43.4	42.6	ug/L	EPA 8260B	7/9/13	108	106	1.90	70.0-130	25
Ethylbenzene														
	85363-14	<0.50	40.0	40.0	40.6	40.6	ug/L	EPA 8260B	7/9/13	101	102	0.0930	70.0-130	25
Methyl-t-butyl ether														
	85363-14	5.2	39.9	39.9	46.7	46.8	ug/L	EPA 8260B	7/9/13	104	104	0.0554	70.0-130	25
Naphthalene														
	85363-14	<0.50	40.0	40.0	40.4	40.9	ug/L	EPA 8260B	7/9/13	101	102	1.06	70.0-130	25
P + M Xylene														
	85363-14	<0.50	40.0	40.0	40.3	40.5	ug/L	EPA 8260B	7/9/13	101	101	0.490	70.0-130	25
Tert-Butanol														
	85363-14	96	202	202	305	301	ug/L	EPA 8260B	7/9/13	103	102	1.56	70.0-130	25
Tert-amyl-methyl ether														
	85363-14	<0.50	40.3	40.3	41.6	41.6	ug/L	EPA 8260B	7/9/13	103	103	0.0269	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 85362

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tetrachloroethene														
	85363-14	<0.50	40.0	40.0	40.7	40.3	ug/L	EPA 8260B	7/9/13	102	101	1.06	70.0-130	25
Toluene														
	85363-14	<0.50	40.0	40.0	41.0	40.9	ug/L	EPA 8260B	7/9/13	102	102	0.260	70.0-130	25
Trichloroethene														
	85363-14	<0.50	40.0	40.0	40.0	40.0	ug/L	EPA 8260B	7/9/13	100	100	0.138	70.0-130	25
Vinyl Chloride														
	85363-14	<0.50	40.0	40.0	44.3	44.7	ug/L	EPA 8260B	7/9/13	111	112	0.939	70.0-130	25
cis-1,2-Dichloroethene														
	85363-14	<0.50	40.0	40.0	40.6	40.6	ug/L	EPA 8260B	7/9/13	102	101	0.198	70.0-130	25
t-1,2-Dichloroethene														
	85363-14	<5.0	40.0	40.0	41.9	41.9	ug/L	EPA 8260B	7/9/13	105	105	0.00310	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 85362

QC Report : Laboratory Control Sample (LCS)

Date : 07/10/2013

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2-Dibromoethane	40.5	ug/L	EPA 8260B	7/9/13	99.8	70.0-130
1,2-Dichloroethane	40.2	ug/L	EPA 8260B	7/9/13	105	70.0-130
Benzene	40.2	ug/L	EPA 8260B	7/9/13	98.1	70.0-130
Diisopropyl ether	39.5	ug/L	EPA 8260B	7/9/13	106	70.0-130
Ethanol	99.8	ug/L	EPA 8260B	7/9/13	109	55.0-150
Ethyl-tert-butyl ether	40.3	ug/L	EPA 8260B	7/9/13	108	70.0-130
Ethylbenzene	40.2	ug/L	EPA 8260B	7/9/13	105	70.0-130
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	7/9/13	104	70.0-130
Naphthalene	40.2	ug/L	EPA 8260B	7/9/13	99.5	70.0-130
P + M Xylene	40.2	ug/L	EPA 8260B	7/9/13	103	70.0-130
TPH as Gasoline	509	ug/L	EPA 8260B	7/9/13	104	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	7/9/13	103	70.0-130
Tert-amyl-methyl ether	40.5	ug/L	EPA 8260B	7/9/13	105	70.0-130
Tetrachloroethene	40.2	ug/L	EPA 8260B	7/9/13	102	70.0-130
Toluene	40.2	ug/L	EPA 8260B	7/9/13	97.5	70.0-130
Trichloroethene	40.2	ug/L	EPA 8260B	7/9/13	102	70.0-130
Vinyl Chloride	40.2	ug/L	EPA 8260B	7/9/13	118	70.0-130
cis-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	7/9/13	100	70.0-130
t-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	7/9/13	106	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	7/9/13	98.9	70.0-130
1,2-Dichloroethane	39.8	ug/L	EPA 8260B	7/9/13	104	70.0-130
Benzene	39.8	ug/L	EPA 8260B	7/9/13	95.9	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Diisopropyl ether	39.1	ug/L	EPA 8260B	7/9/13	106	70.0-130
Ethanol	98.9	ug/L	EPA 8260B	7/9/13	114	55.0-150
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	7/9/13	109	70.0-130
Ethylbenzene	39.8	ug/L	EPA 8260B	7/9/13	103	70.0-130
Methyl-t-butyl ether	39.7	ug/L	EPA 8260B	7/9/13	105	70.0-130
Naphthalene	39.8	ug/L	EPA 8260B	7/9/13	99.7	70.0-130
P + M Xylene	39.8	ug/L	EPA 8260B	7/9/13	101	70.0-130
TPH as Gasoline	507	ug/L	EPA 8260B	7/9/13	102	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	7/9/13	102	70.0-130
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	7/9/13	105	70.0-130
Tetrachloroethene	39.8	ug/L	EPA 8260B	7/9/13	99.0	70.0-130
Toluene	39.8	ug/L	EPA 8260B	7/9/13	96.1	70.0-130
Trichloroethene	39.8	ug/L	EPA 8260B	7/9/13	99.4	70.0-130
Vinyl Chloride	39.8	ug/L	EPA 8260B	7/9/13	119	70.0-130
cis-1,2-Dichloroethene	39.8	ug/L	EPA 8260B	7/9/13	98.4	70.0-130
t-1,2-Dichloroethene	39.8	ug/L	EPA 8260B	7/9/13	105	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	7/9/13	102	70.0-130
1,2-Dichloroethane	39.8	ug/L	EPA 8260B	7/9/13	100	70.0-130
Benzene	39.8	ug/L	EPA 8260B	7/9/13	101	70.0-130
Diisopropyl ether	39.1	ug/L	EPA 8260B	7/9/13	105	70.0-130
Ethanol	98.9	ug/L	EPA 8260B	7/9/13	105	55.0-150
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	7/9/13	106	70.0-130

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Ethylbenzene	39.8	ug/L	EPA 8260B	7/9/13	99.4	70.0-130
Methyl-t-butyl ether	39.7	ug/L	EPA 8260B	7/9/13	102	70.0-130
Naphthalene	39.8	ug/L	EPA 8260B	7/9/13	99.9	70.0-130
P + M Xylene	39.8	ug/L	EPA 8260B	7/9/13	99.6	70.0-130
TPH as Gasoline	510	ug/L	EPA 8260B	7/9/13	115	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	7/9/13	103	70.0-130
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	7/9/13	103	70.0-130
Tetrachloroethene	39.8	ug/L	EPA 8260B	7/9/13	102	70.0-130
Toluene	39.8	ug/L	EPA 8260B	7/9/13	101	70.0-130
Trichloroethene	39.8	ug/L	EPA 8260B	7/9/13	101	70.0-130
Vinyl Chloride	39.8	ug/L	EPA 8260B	7/9/13	112	70.0-130
cis-1,2-Dichloroethene	39.8	ug/L	EPA 8260B	7/9/13	101	70.0-130
t-1,2-Dichloroethene	39.8	ug/L	EPA 8260B	7/9/13	105	70.0-130

20130731.256390.WG_Q_201307.BO

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

85362

3Q13 GW Event

anteagroup

Required Lab Information:

Lab Name:	Kiff Analytical
Address:	2795 Second Street, #300
Davis, CA 95618	
Lab PM:	Scott Forbes
Phone/Fax:	P: 530-297-4800 F: 530-297-4808
Lab PM email	SForbes@kiffanalytical.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	256390
Task:	WG_Q_201307
AnteaGrp proj#	
Site Address	402 DELAWARE ST
City	SAN MATEO
State	CA 94402
AG PM Name:	Nadine Periat
Phone/Fax:	P: 408-606-4915 F: 408-318-6200
AG PM Email:	nadine.periat@anteagroup.com

Required Invoice Information:

Send Invoice to:	Sandy Hayes
Address:	11050 White Rock Road, Suite 110
City/State	Rancho Cordova CA 95670
Phone #:	916-638-2085
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	AGdataview.US@anteagroup.com
CC Hardcopy report to	saral.sichley@anteagroup.com
CC Hardcopy report to	

Turn around time (days)	10
QC level Required: Standard	Special — Mark one
NJ Reduced Deliverable Package?	
MA MCP Cert?	CT RCP Cert? — Mark One
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260GRO	8260BtexMTBETOxyDA	8260Naphthalene	8260PCE	8260TCE	8260cis-1,2DCE	8260trans-1,2DCE	8260Vinyl Chloride	Comments/Lab Sample I.D.	
1	MW-10R_20130731	WG	G	7/8/13	1425	3	N				X					X	X	X	X	X	X	X	X	7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol	01
2	MW-12B_20130731	WG			1310						X					X	X	X	X	X	X	X	X		02
3	MW-13B_20130731	WG			1333						X					X	X	X	X	X	X	X	X		03
4	MW-18_20130731	WG			1403						X					X	X	X	X	X	X	X	X		04
5	MW-19_20130731	WG			1358						X					X	X	X	X	X	X	X	X		05
6	MW-20_20130731	WG			1200						X					X	X	X	X	X	X	X	X		06
7	MW-21_20130731	WG			1335						X					X	X	X	X	X	X	X	X	24 HR TAT for wells MW-20 through MW-24	07
8	~~MW-22_20130731~~	WG														X	X	X	X	X	X	X	X		
9	MW-23_20130731	WG	G	7/8/13	1000	3					X					X	X	X	X	X	X	X	X		08
10	MW-24_20130731	WG			1115						X					X	X	X	X	X	X	X	X		09
11	MW-6_20130731	WG			1432						X					X	X	X	X	X	X	X	X		10
12	TB1_20130731	W			0715	2					X						X	X	X	X	X	X	X		11

Additional Comments/Special Instructions:

T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	7/8/13	1630			
			Kiff Analytical	070913	1030

Sample Receipt Conditions

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD (mark as appropriate): UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Allen

SIGNATURE of SAMPLER:

DATE Signed 7/8/13 Time: 1630

Final 11/13/06. AMTait

Inogen Environmental Alliance

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

SRG #: 85362

Sample Receipt	**Initials/Date:** TJB 070913	**Storage Time:** 1030	**Sample Login**	**Initials/Date:** TJB 070913	
TAT: ☐ Standard	☐ Rush	☒ Split	☐ None	**Method of Receipt:** ☐ Courier	☐ Over-the-counter ☒ Shipped
Temp °C -0.6 ☐ N/A	Therm ID IR-3	Time 1000	Coolant present ☒ Yes ☐ No	☐ Water	☐ Temp Excursion
For Shipments Only:	Cooler Receipt Initials/Date/Time: TJB 070913 1000		Custody Seals ☒ N/A	☐ Intact	☐ Broken

Chain-of-Custody:	**Yes**	**No**
Is COC present?	X	
Is COC signed by relinquisher?	X	
Is COC dated by relinquisher?	X	
Is the sampler's name on the COC?	X	
Are there analyses or hold for all samples?	X	

Documented on	**COC**	**Labels**	**Discrepancies:**
Sample ID	X	X	
Project ID	X	X	
Sample Date	X	X	
Sample Time	X	X	
Does COC match project history?	☐ N/A	☐ Yes	☒ No

Samples:	**N/A**	**Yes**	**No**
Are sample custody seals intact?	X		
Are sample containers intact?		X	
Is preservation documented?		X	
In-house Analysis:	**N/A**	**Yes**	**No**
Are preservatives acceptable?		X	
Are samples within holding time?		X	
Are sample container types correct?		X	
Is there adequate sample volume?		X	

Comments:

Receipt Details:

Matrix	Container Type	# of Containers
WA	VOA	32

CS Required: ☒

Proceed With Analysis: ☑ YES ☐ NO Init/Date: SMCF 7/9/13

Client Communication:

Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: -0.6 ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 07/12/13 **Date of Analysis:** 07/02/2013 to 07/04/2013

Sample Date: 07/08/2013 **Completed By:** David Sisak

Signature:

Circle or Highlight

(Yes) / No (below)

Analytical Lab Used and Report # (if any): Kiff Report Number 85362

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	Yes / (No)
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Matrix Spike/Matrix Spike Duplicate results associated with samples MW-21_20130731 and MW-23_20130731 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Appendix J

Non Hazardous Waste Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: n/a

Manifest Document No.: 250390-0213

2. Page 1 of 1

3. Generator's Name and Mailing Address: Platinum Energy c/o Shane Nolan 30343 Canwood #300 Agoura Hills, CA 91301

Site # 250390 402 Delaware St. San Mateo, CA 94402

4. Generator's Phone (818) 202-5705

5. Transporter 1 Company Name: Blaine Tech Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: 310-885-4455

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Seaport Environmental 700 Seaport Blvd. Redwood City, CA 94063

10. US EPA ID Number: 0000 135572

E. State Facility's ID:

F. Facility's Phone: (650) 364-1024

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Waste liquid	1	TT	20	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Wear protective equipment while handling
weights and volumes are approximate
24hr emergency phone (510) 885-4455

Direct bill Blaine Tech
Approval No 520-1049

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: (Antea Group) Jerilyn Thao on behalf of Platinum Energy

Signature:

Date: Month 1 8 Day Year 13

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ben Powell

Signature:

Date: Month 2 Day 14 Year 13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Brian Webb

Signature:

Date: Month 5 Day 3 Year 13

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

San Mateo County
Health System

October 29, 2014

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group has uploaded the following documents to the State GeoTracker (GeoTracker) database: 1) subsurface vapor sampling report dated May 29, 2014; 2) tetrachloroethene (PCE) source evaluation report dated October 8, 2014; and 3) groundwater monitoring report dated October 8, 2014. Thank you for the attention to project management demonstrated by these reports. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these reports and the project file.

PCE Source Evaluation Report

Section 1.1 states the fuel release at the subject site was caused by activities related to a well being drilled next to one of the USTs. This was not stated in November 1992 UST removal report which simply states a 9-inch-long crack was observed in the super unleaded fuel UST after it was removed (no mention of drilling causing the rupture or the release). Moreover, our permit records indicate the oldest drilling permit issued for the subject site was for MW-1 in May 1994. Please verify your information if it will be used in future documents.

Section 2.2.3 proposes to re-designate MW-20 as a deep well based on the PCE concentrations in the groundwater samples from this well and reportedly, the deeper groundwater occurrence in this well. GPP staff do not support this proposal. Any decision to re-classify MW-20 as a deep well should be solely based on the portion of the saturated zone monitored. The groundwater elevations in MW-15B and MW-20 are very similar on the three dates in which both wells were gauged (2.20 versus 1.31 on July 8, 2013; 0.79 versus 0.80 on January 28, 2014; and 0.37 versus 0.41 on August 4, 2014). In addition, PCE has been reported in saturated zone soil <20 feet below grade (Borings SB-4, SB-6, SB-7).

Simple inspection of the sub-slab vapor sampling results suggest some of the PCE contamination may have originated from the property at 521 E. 5th Avenue. However, the reported uses of this property are not associated with PCE use and the PCE concentrations in the groundwater samples

from recent upgradient well MW-23 are similar to those collected from the most impacted wells near the subject site (MW-7, MW-12B, MW-13B, and MW-15B). Moreover, Figure 3 indicates any sanitary sewer discharge from Wardrobe Cleaners at 335 East Fourth Avenue and possibly the former Family Cleaners facility at 412 East Third Avenue would flow past sample localities SS-1 and SP-7, MW-20, MW-12B, and MW-15B (most of the field points containing elevated PCE concentrations). Furthermore, our Certified Unified Program Agency (CUPA) inspection records indicate PCE was used at Wardrobe Cleaners (no CUPA records exist for Family Cleaners) and Appendix E in the report indicates Wardrobe Cleaners has operated since at least 1954. Hence, at this time, it appears more likely the PCE contamination originated from Wardrobe Cleaners. Therefore, at this time, GPP staff will not require the responsible party for the fuel release at the subject site to perform additional investigation of the PCE release. In addition, we will inform the DTSC that Wardrobe Cleaners does not appear to have provided correct information to the DTSC and we will request Wardrobe Cleaners to voluntarily assess the extent and impact of the PCE.

Subsurface Vapor Sampling Report

Section 3.0 considers the results from the January 14, 2014, sub-slab vapor sampling of SS-1 through SS-3 as abnormal and Section 5.0 suggests batch contamination of the Summa sampling containers may have affected the representativeness of the samples. GPP staff do not consider these conclusions justified because no trip blank sample was analyzed and the samples containing the greatest benzene concentrations (SS-2 and SS-3) were collected from the locations closest to the heart of the dissolved-phase benzene plume. Because limited subsurface vapor sampling data is available and the benzene concentrations in the January 14, 2014, samples from SS-2 and SS-3 exceed the Regional Water Quality Control Board indoor air benzene Environmental Screening Level after applying a default DTSC attenuation factor of 0.05, GPP staff consider it prudent to collect additional sub-slab vapor samples from SS-2 and SS-3 in January 2015 for analysis of gasoline compounds. Please upload to GeoTracker by **April 30, 2015**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

GPP staff concur the PCE concentrations reported in sub-slab vapor samples SS-1 and SS-2 indicate a potential PCE inhalation risk to the occupants of the building at 521 East 5th Avenue. Additional corrective action will be necessary to address this issue. However, as previously stated, we will not at this time require the responsible party for the fuel release at the subject site to perform this work.

The report recommends removing the sub-slab vapor probes. We cannot approve this request at this time because of the required additional sampling. Please note, even when subsurface vapor sampling for gasoline compounds is no longer necessary, it may be prudent to leave the probes in-place and transfer their ownership to the property owner and eventually the responsible party for assessment of the PCE impact.

The Electronic Data File (EDF) for the sampling of SS-4 on January 21, 2014, has not been uploaded to GeoTracker as required by State regulations. In addition, GPP staff denied EDFs #1604, 3607, and 7898 (first four numbers listed) because they contained incorrect field point names. Please immediately upload correct versions of these files to complete the vapor sampling task.

Groundwater Monitoring Report

The workplan dated October 12, 2013, recommended additional monitoring wells downgradient of MW-21. GPP staff did not consider this work necessary at the time, but now consider it appropriate to install at least one well on South El Dorado Street given the concentrations of TPHg, ethylbenzene, and naphthalene reported in the groundwater samples from MW-21. It appears a well in front of 514 S. El Dorado Street will satisfy this objective. Please upload to the State GeoTracker database by **April 30, 2015**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, and discuss the methods, findings, conclusions, and recommendations of the downgradient groundwater investigation in the previously required vapor sampling report.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Nadine Periat, AnteaGroup (via nadine.periat@anteagroup.com)

PCE Source Evaluation Report

76 Service Station No 6390
402 South Delaware Street
San Mateo, CA

San Mateo County Groundwater Protection Program, Case No. 110069

Antea Group Project No. I40256390
October 8, 2014

Prepared for:
Deno Milano
San Mateo County Health System - Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94404

Prepared by:
Antea®Group
1155 North First Street, Suite 201
San Jose, CA 95112
+1 800 477 7411

Inogen Environmental Alliance

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PCE Source Evaluation Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, CA
San Mateo County Groundwater Protection Program,
Case No. 110069

1.0 INTRODUCTION

Antea®Group has prepared this *PCE Source Evaluation Report* to summarize data collected during investigations of tetrachloroethylene (PCE) at 76 Service Station No. 6390, located at 402 South Delaware Street, San Mateo, California (**Figure 1**). The San Mateo County Groundwater Protection Program (GPP) has previously indicated that the site's former waste oil tank could be a potential contributor to the regional dissolved phase PCE plume. Historical correspondence from the GPP related to PCE at this site is included as **Appendix A**. The following report provides an overview of PCE occurrence at the site as it relates to the open case in support for discontinuation the affiliation between PCE and the site's open Leaking Underground Storage Tank (LUST) case No. 110069.

1.1 Site Description and Location

The site is a rectangular property, currently occupied by an active 76 Service Station, on the south corner at the intersection of East Fourth Avenue and South Delaware Street in San Mateo, California. The station is located approximately one mile west of San Francisco Bay, at an elevation of approximately 20 feet above mean sea level (**Figure 1**). The site facilities currently include two, fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (**Figure 2**). The USTs were installed in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was also removed during the site upgrades in 1992 (Stantec 2008). A complete summary of the site's history is presented as **Appendix B.**

The site is located in a mixed commercial and residential area. South Delaware Street and a Jiffy Lube facility (407 South Delaware Street) bound the site to the northeast while East Fourth Street and commercial buildings bound the site to the northwest. A parking lot for a Taco Bell restaurant (500 East Fourth Avenue) bounds the site to the southwest, and a Legal Aide of San Mateo building (521 South Delaware Street) and parking area bound the site to the southeast (**Figure 3**).

The site's open LUST case was opened on September 10, 1992 in response to a release caused by activities related to a well being drilled alongside one of the former fuel USTs. The Unauthorized Release Report named unleaded gasoline as the substance involved with the release. To Antea Group's knowledge, PCE nor waste oil have been named as additional released substances in association with this case.

There are seven existing or former gasoline service stations within ¼-mile of the site. The nearest residence is southwest of the site at 411 South Claremont at approximately 50-feet southwest of the site. An apartment building is located at 603 East Fifth Avenue at approximately 75-feet northeast of the site.

Investigations at this site have included the advancement of 18 soil borings, and the installation of one temporary well, three vapor wells, four sub-slab vapor wells, and 24 monitoring wells, 17 of which are still in operation (**Table 1**). The other seven monitoring wells were destroyed between 2007 and 2013. Soil boring and monitoring well construction details are included as **Table 1**. Regional and site specific hydrogeology is discussed in **Appendix B** and geologic cross sections of the site are available as **Appendix C**.

1.2 PCE - Regulatory Summary

Investigating the source of PCE in groundwater was first recommended by Secor International Inc. (Secor) in their *Offsite Assessment Report* dated February 27, 2008. Although the GPP did not consider investigation necessary at that time, subsequent data from wells MW-12B and MW-13B including grab groundwater samples from SB-1 through SB-11 and elevated PCE levels in MW-13B and MW-12B led the GPP to consider the site as a potential contributing source. It is Antea Group's understanding that the GPP's primary concern was an apparent increase in PCE concentrations in downgradient grab groundwater samples. Since 2009, the GPP has requested the following tasks be performed for PCE source evaluation:

- Identify former and existing use of the parcels bounded by East Fourth and Fifth Ave and South Delaware Street and South Claremont Street;
- Assess origin of PCE in regard to historical property uses;
- Analyze all groundwater samples for halogenated volatile organic compounds (HVOCs);
- Install a groundwater monitoring well between the former waste oil tank and the station building;
- Install a deep groundwater monitoring well (MW-23) to clarify contribution of PCE from the site, and;
- Evaluate sub-slab vapor at 521 and 603 East 5th Avenue and onsite soil gas for PCE.

Antea Group has completed each request from the GPP. Findings from these tasks indicate that offsite sources exist, and the site is not a likely contributing source of PCE as discussed below.

2.0 PCE OCCURRENCE AND SOURCE

The following is an evaluation of PCE occurrence in soil, groundwater and vapor based on data collected over the course of the site's history.

2.1 PCE in Soil

Historically, PCE was reported in soil sample WO1, collected during the waste oil tank removal in August 1992 from approximately 8 feet below ground surface (bgs) at a concentration of 0.0064 milligrams per kilogram (mg/kg).

Because this value is significantly below the Tier 1 environmental screening level (ESL) for PCE, GPP concluded that the site was not the source of PCE in a letter dated January 30, 2008 (**Appendix A**). There were no detections of gasoline range organics (GRO) or diesel range organics (DRO) in this sample. A confirmation soil sample SB-8 was collected near the location of WO-1 in 2012. The only PCE detections in samples from SB-8 were from depths below 23.5 feet, at concentrations up to 0.013 mg/kg. Antea Group concluded that PCE detections in SB-8 soil were influenced by dissolved phase concentration interference, since samples were collected below the water table in the vicinity of the deep groundwater bearing zone.

The maximum concentration of PCE reported in soil samples associated with the site was 0.049 mg/kg which was detected at 25 feet bgs in SB-7, within the deep groundwater bearing zone. Concurrently, GRO concentrations declined around this depth from 4,900 mg/kg at 20 feet bgs to 0.43 mg/kg at 25 feet bgs. PCE was not detected in the sample from 20 feet bgs in SB-7. PCE has not been reported in soils shallower than 15 feet bgs since the initial detection in the 1992 soil sampled collected (WO-1). PCE concentrations are primarily reported in soils between 20 to 30 feet bgs, within the PCE impacted deep groundwater zone.

In 2011, Antea Group performed a PCE Source Evaluation which included the advancement of soil borings both upgradient and downgradient of the site. PCE was detected in soil samples upgradient of the site in soil borings SB-1, SB-4, and SB-5, and downgradient of the site in soil borings SB-6 and SB-7 at depths ranging between 15 and 40 feet below grade. No PCE detections were reported above the Regional Water Quality Control Board (RWQCB) Tier 1 ESL of 0.55 mg/kg.

Historical soil analytical data are presented as **Table 2**.

2.2 PCE in Groundwater

Table 2.2.1 summarizes the PCE and GRO detections in shallow and deep groundwater wells from the January 2014 ground water monitoring event.

Table 2.2.1

Sample ID	Date Sampled	GW Elevation (feet)	PCE (µg/L)	GRO/Gasoline Hydrocarbons (µg/L)
MW-4	01/28/14	1.08	28	300/230
MW-6	01/28/14	1.20	<2.5	15,000/--
MW-7	01/28/14	1.36	110	260/<50 a,b
MW-8	01/28/14	1.27	16	80/<50 a
MW-9	01/28/14*	--	--	--
MW-10R	01/28/14	0.89	<15	56,000/--
MW-12B	01/28/14	0.67	110	280/<50 a
MW-13B	01/28/14	1.19	140	330/<50 a
MW-14B	01/28/14	1.17	16	52/<50 a
MW-15B	01/28/14	0.79	140	320/<50 a

MW-17B	01/28/14	1.40	14	<50/--
MW-18	01/28/14	1.14	<2.5	22,000/--
MW-19	01/28/14	1.06	20	720/--
MW-20	01/28/14	0.80	160	370/<50 a
MW-21	01/28/14	0.65	<0.50	15,000/--
MW-22	01/28/14	1.30	1.2	<50/--
MW-23	01/28/14	1.70	100	260/<50 a
MW-24	01/28/14	1.03	1.2	<50/--

a = Gasoline Hydrocarbon analysis was performed on samples where the GRO primarily contained compounds not found in typical gasoline. All other values in this column are traditional GRO values. The parameter 'Gasoline Hydrocarbons' was calculated by adding up the chromatographic peaks between hexane and dodecane (C6 to C12), subtracting the non-gasoline compounds (primarily Dichloroethene, Trichloroethene, and Tetrachloroethene), and comparing against a gasoline calibration curve. The calculation was also performed on MW-4 for comparison on a sample where the GRO did not primarily contain compounds not found in typical gasoline.

b = Repeat analysis of GRO yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.

*= Well reported as dry.

µg/L Micrograms per liter

Shallow Groundwater Monitoring Well

Deep Groundwater Monitoring Well

2.2.1 Shallow and Deep Water Bearing Zones

Contaminants in groundwater beneath the site are divided between the shallow and deep groundwater bearing zones, as shown on the table above and evidenced by the following:

- Two coarse grained water bearing zones have been observed beneath the site, separated by a thin clay layer which is semi-continuous across the site.
- The shallow coarse grained water bearing zone is not continuous to all parts of the site and vicinity. In these locations, groundwater is typically not observed until the deep zone is reached.
- PCE and associated compounds are reported at concentrations up to two orders of magnitude higher in deep groundwater well samples than in shallow well samples.
- GRO and associated compounds are reported primarily in shallow groundwater wells.
- GRO is reported in deep well samples, however those detections are typically due to PCE and other chlorinated compounds such as trichloroethene (TCE). See the case narrative in January 2014 laboratory report (**Appendix D**) and results summary in Table 2.2.1.
- Separation of hydrocarbon and solvent concentrations between the two water zones suggests that little to no exchange is taking place between the two zones, and that the sources of hydrocarbons and solvents are separate.
- PCE concentrations in deep well MW-23, located upgradient from the site, are on the same order of magnitude as those downgradient of the site.

2.2.2 PCE in Deep Groundwater Zone

The GPP has stated in previous correspondence (**Appendix A**) that the concentrations of PCE increase in deep groundwater downgradient of the site. This conclusion was based on relatively low PCE concentrations in grab groundwater samples from upgradient borings, and the initial samples from downgradient deep wells MW-13B and MW-12B. After initial sampling events, MW-13B and MW-12B have equalized at lower concentrations, which are on the same order of magnitude with those detected in upgradient well MW-23.

Perceived "increased" concentrations in downgradient deep wells are typically on the same order of magnitude as "lower" concentrations in upgradient wells, and could be due to a difference in screen interval vs. intersecting water bearing strata or natural spatial variation. Concentrations of PCE do appear to increase to the south of the site, which may indicate that the regional PCE plume core is slightly south of the site, or has a contributing source to the south (i.e. sewer lines in Delaware Street).

2.2.3 Well MW-20 Re-Designation

During installation, well MW-20 was intended to be screened within the shallow aquifer; however, GRO and PCE detections in MW-20 have consistently been similar to those in deep screened wells. GRO detections in MW-20 are qualified from the laboratory as being the result of the elevated presence of chlorinated compounds, and PCE concentrations are on the order of those in nearby deep screened wells. Additionally, groundwater was first observed in MW-20 at 20 feet bgs, which is deeper than first encountered water at nearby deep well MW-15B. Due to these observations, Antea Group has re-designated MW-20 as a deep groundwater well.

If there were an onsite source of PCE, shallow wells MW-6 and/or MW-18 (directly downgradient of station building and USTs) should demonstrate elevated PCE levels. Both wells demonstrate elevated levels of gasoline related constituents associated with the site's documented gasoline release, yet they do not contain PCE concentrations above the LRL.

Historical groundwater analytical results are included as **Table 3**.

2.3 PCE in Vapor

The highest concentrations of PCE (up to 2,200 micrograms per cubic meter [ug/m^3]) in soil gas vapor were reported in samples collected from sub-slab point SS-1 located at 521 East Fifth Avenue, which neighbors the site to the southeast (**Table 4**). These elevated concentrations were not corroborated by vapor samples collected from soil gas well VP-1 (up to 19 ug/m^3), which is located onsite between the station building and SS-1. Samples collected from VP-1 demonstrated levels of PCE several orders of magnitude less than PCE at SS-1. Additionally, soil gas well VP-3 is located immediately downgradient of the entrance to the station's mechanics bays, but only 36 ug/m^3 of PCE was detected in this vapor well during the most recent sampling event in January 2014. These results indicate that elevated concentrations of PCE in vapor are limited to 521 East Fifth Avenue and do not extend

onsite. If the site were a source of vapor at 521 East Fifth Avenue, concentrations would be expected to increase toward the site.

The building at 521 East Fifth Avenue has been used by a number of businesses in the past. Historically, it has been a stereo shop, grocery store, and a law office. Although none of the identified previous businesses at 521 East Fifth Avenue are considered to be associated with PCE use, it is conceivable that a non-routine use of PCE within the building in the past could have contributed to the localized PCE vapor concentration in SS-1. If this concentration were due to the regional groundwater PCE plume, Antea Group would expect similar concentration in SS-2, also located within 521 East Fifth Avenue.

3.0 POTENTIAL OFFSITE PCE SOURCES

A parcel search was performed in 2008 by Stantec and a Sanborn insurance map search was performed by Delta (now Antea Group) in 2009 to identify any former businesses or property uses which may have contributed to a PCE release. This information is available in the *Potential Tetrachloroethylene (PCE) Source Evaluation Report* dated July 28, 2011.

Several upgradient potential PCE sources have been identified through a web based search and through GeoTracker. Additionally, a utility survey was conducted to review alignment of sanitary sewers in the area. The following sections present these findings.

3.1 Wardrobe Cleaners

In September 2003, the Department of Toxic Substances Control (DTSC) completed a Site Screening Form for Wardrobe Cleaners located at 335 East Fourth Street (**Figure 3**). In this site summary form, the DTSC states that PCE was used on a daily basis and that approximately 16 gallons of waste PCE was generated monthly and that dry cleaning operations began at the site in 1995. However, Wardrobe Cleaners was actually opened at this location in 1954, several decades earlier than the DTSC investigation indicated (see **Appendix E**). Wardrobe Cleaners held a permit to operate with the San Mateo County Environmental Health Department (SMCEH) and the Bay Area Air Quality Management District. Possible subsurface contamination and offsite contaminant migration via groundwater were identified as potential risks in the summary form. Also included in the summary form was a property schematic showing the locations of the dry cleaning machine, boiler room and chemical storage area with respect to surrounding streets. The summary form recommended a Preliminary Endangerment Assessment to determine if hazardous substances had been released.

On April 15, 2005, the DTSC issued a No Action Determination for the site, stating that the DTSC had received a response from the property owner stating that all dry cleaning operations had taken place offsite. Therefore, the

DTSC concluded that the likelihood of a release from the property was minimal, and that no further action was required.

Antea Group is puzzled as to why the DTSC made this conclusion, since two years prior they had identified permits, specific PCE generation amounts, and a site map showing former dry cleaning equipment at their current address. Antea Group believes that the former site operations are a likely source of the regional PCE plume. Wardrobe cleaners is located approximately 560 feet east-southeast of the site, and is now an ''eco-friendly'' dry cleaner with cleaning operations occurring on site.

3.2 Other Upgradient Dry Cleaners

Additionally, the following upgradient dry cleaners are not associated with a current or former environmental case:

- Family Cleaners – 412 East Third Ave – 550 feet west-northwest of site. Family Cleaners appears to be a conventional dry cleaner (**Figure 3**).
- R NU IT Cleaners – 200 East Second Ave – 1,300 feet west of site. According to Envirostor, the dry cleaning business operated since 1985. No documents are filed for the site, and the status is listed as "Evaluation." Blue Sky Cleaners currently operates the business and is an "organic" dry cleaning facility.
- San Mateo Cleaners- 507 South B Street - 850 feet southwest of the site. San Mateo Cleaners appears to be a conventional dry cleaner.
- Blue Ribbon Cleaners- 306 East Fifth Ave - 800 feet southwest of the site. Blue Ribbon Cleaners appears to be a traditional dry cleaner (**Figure 3**).

3.3 Utility Survey

Sanitary sewers are well documented conduits for PCE vapor transport. Antea Group obtained sanitary sewer maps from the City of San Mateo, and has provided their locations on **Figure 3**.

One sewer line runs past Wardrobe Cleaners along South Railroad Avenue, then makes a 90^{o} turn to the northeast at East Fifth Avenue where Blue Ribbon Cleaners is located. Due to the sewer's proximity to Wardrobe Cleaners, Blue Ribbon Cleaners and the presence of PCE impacts to the southeast of the site, Antea Group considers the sewer lines to be a potential pathway for PCE vapor migration.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings stated in this report, Antea Group concludes the following:

- The documented gasoline release associated with 76 Service Station 6390 recorded in the unauthorized release report dated September 10, 1992 did not contribute to the regional PCE plume.
- PCE detections in related wells originate from offsite locations.
- The elevated PCE concentrations in the vapor samples from SS-1 were not caused by the release associated with 76 Service Station 6390. Antea Group should not be responsible for determining the source and extent of this PCE detection, as it is not associated with this case.

Based on the findings stated in this report, Antea Group recommends the following:

- Further PCE evaluations should be discontinued on behalf of the s, and PCE should not be an analyte in future soil, groundwater, and vapor sampling events.
- DTSC should reevaluate the No Action Determination associated with Wardrobe Cleaners location at 335 East Fourth Street.
- If the GPP determines that continued PCE investigations at this site are necessary, a separate case should be opened which names all responsible parties. The PCE present in groundwater beneath this site is not associated with the site's LUST case for the former gasoline UST release.
- Antea Group will not continue to pursue PCE investigation under the current open case.

5.0 REMARKS

The recommendations contained in this document represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This document is based upon a specific scope of work requested by the client. For any reports cited that were not generated by Delta or Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this document were performed. This document is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this document. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this document.

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Tables

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TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 4/2/2014

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Shallow / Deep Screened Well
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Shallow Screened Well
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Deep Screened Well
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Deep Screened Well
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Shallow Screened Well
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Shallow Zone; Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Shallow Zone; Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Deep Zone; conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Deep Zone; conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Deep Screened Well
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Deep Screened Well
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Deep Screened Well
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well

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76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 4/2/2014

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Deep Screen - Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SS-1	8/19/2014	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2014	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2014	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2014	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																												
A1	15	8/5/1992	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	**20**	**0.58**	**2.3**	**0.40**	**2.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 a	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	0.0064	<0.0050	<0.0050	<0.0050	<0.0050	1.1	67	73	6.0	44
SW1(2.5)	16	8/21/1992	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	5.9 b	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OWS-S-4.5	4.5	1/12/1996	1.5	<50	<1.0	<0.005	0.006	<0.005	0.009	<0.005	--	--	--	--	--	--	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	160	99	12	69
Soil Borings																												
SP-5																												
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--	--	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 **d**	--	--	--	--	--	--	--	--	--	--	--	--
SP-6																												
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	**68** e	<0.050 e	<0.050 e	**1.6** e	**3.3** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--	--
SP-7																												
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-19.5-20	19.5-20	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8																												
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	**49** e	<0.050 e	<0.050 e	**2.1** e	**7.4** e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--	--
SB-1																												
SB-1d5	5	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0066	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d10	10	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.013	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-1d20	20	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0065	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d25	25	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0076	<0.0025	<0.0025	<0.0025	<0.0025	<0.34	<0.0025	<0.0025	<0.013	--	**0.0083**	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-3																												
SB-3d5*	5	5/18/2011	--	--	<0.19	<0.0022	<0.0022	<0.0022	<0.0067	<0.0022	<0.0022	<0.0022	<0.0022	<0.30	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-3d10	10	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-3d15	15	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d17	17	5/18/2011	--	--	<0.26	<0.0031	<0.0031	<0.0031	<0.0093	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.016	--	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-3d20	20	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d25	25	5/18/2011	--	--	<0.31	<0.0026	<0.0026	<0.0026	<0.0077	<0.0026	<0.0026	<0.0026	<0.0026	<0.34	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-3d30	30	5/18/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
SB-4																												
SB-4d10	10	5/18/2011	--	--	<0.24	<0.0029	<0.0029	<0.0029	<0.0086	<0.0029	<0.0029	<0.0029	<0.0029	<0.38	<0.0029	<0.0029	<0.014	--	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	--	--	--	--	--
SB-4d15	15	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-4d17	17	5/18/2011	--	--	<0.34	<0.0041	<0.0041	<0.0041	<0.012	<0.0041	<0.0041	<0.0041	<0.0041	<0.54	<0.0041	<0.0041	<0.020	--	**0.0050**	<0.0041	<0.0041	<0.0041	<0.0041	--	--	--	--	--
SB-4d20	20	5/18/2011	--	--	<0.25	<0.0031	<0.0031	<0.0031	<0.0092	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.015	--	**0.0041**	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-4d24	24	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	**0.0060**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-4d30	30	5/18/2011	--	--	<0.17	<0.0021	<0.0021	<0.0021	<0.0063	<0.0021	<0.0021	<0.0021	<0.0021	<0.28	<0.0021	<0.0021	<0.010	--	**0.0030**	<0.0021	<0.0021	<0.0021	<0.0021	--	--	--	--	--
SB-5																												
SB-5d5*	5	5/19/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-5d10	10	5/19/2011	--	--	<0.28	<0.0034	<0.0034	<0.0034	<0.010	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	--	--	--	--	--
SB-5d15	15	5/19/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-5d17	17	5/19/2011	--	--	<0.28	<0.0033	<0.0033	<0.0033	<0.010	<0.0033	<0.0033	<0.0033	<0.0033	<0.44	<0.0033	<0.0033	<0.017	--	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	--	--	--	--	--
SB-5d20	20	5/19/2011	--	--	<0.22	<0.0026	<0.0026	<0.0026	<0.0079	<0.0026	<0.0026	<0.0026	<0.0026	<0.35	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-5d25	25	5/19/2011	--	--	<0.20	<0.0025	<0.0025	<0.0025	<0.0074	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	**0.0037**	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d30	30	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	**0.0093**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-5d35	35	5/19/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.12	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d40	40	5/19/2011	--	--	<0.26	<0.0032	<0.0032	<0.0032	<0.0095	<0.0032	<0.0032	<0.0032	<0.0032	<0.42	<0.0032	<0.0032	<0.016	--	**0.0037**	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
SB-6																												
SB-6d6	6	6/7/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-6d10	10	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0089	<0.0030	<0.0030	<0.0030	<0.0030	<0.40	<0.0030	<0.0030	<0.015	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d15	15	6/7/2011	--	--	**57.4**	**0.087**	**2.4**	**1.6**	**9.1**	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	0.0099	<0.0023	<0.012	--	**0.0052**	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
SB-6d17	17	6/7/2011	--	--	**21.6**	<0.0024	<0.0024	0.087	0.42	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d20	20	6/7/2011	--	--	**0.21**	<0.0024	<0.0024	0.0026	0.014	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	**0.031**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d25	25	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0091	<0.0030	<0.0030	<0.0030	<0.0030	<0.41	<0.0030	<0.0030	<0.015	--	**0.0097**	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d30	30	6/7/2012	--	--	<0.24	<0.0028	<0.0028	<0.0028	<0.0085	<0.0028	<0.0028	<0.0028	<0.0028	<0.38	<0.0028	<0.0028	<0.014	--	**0.015**	<0.0028	<0.0028	<0.0028	<0.0028	--	--	--	--	--
SB-7																												
SB-7d10	10	5/17/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-7d15	15	5/17/2011	--	--	**1330**	**0.039**	**0.081**	**21.4**	**116**	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-7d17	17	5/18/2011	--	--	**1790 g**	**0.066 g**	<0.042 g	**35.6 g**	**204 g**	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	<0.35 g	<0.0027 g	<0.0027 g	<0.013 g	--	**0.0061 g**	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	--	--	--	--	--
SB-7d20	20	5/18/2011	--	--	**4900 g**	**0.8 g**	**87.2 g**	**127 g**	**721 g**	<0.040 g	<0.080 g	<0.040 g	<0.080 g	<8.0 g	<0.040 g	<0.080 g	<0.40 g	--	<0.040 g	<0.040 g	<0.040 g	**0.19 g**	<0.040 g,h,i	--	--	--	--	--
SB-7d25	25	5/18/2011	--	--	**0.43**	<0.0034	**0.015**	**0.0081**	**0.048**	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	**0.049**	**0.0048**	**0.0042**	<0.0034	<0.0034	--	--	--	--	--
SB-8																												
SB-8_d9.0	9	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d17.5	17.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d23.5	23.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d27.5	27.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.013**	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-10																												
SB-10_d3.0	3	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-10_d5.0	5	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-10_d9.0	9	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
Groundwater Monitoring Wells																												
MW-1																												
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																												
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																												
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-4																												
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																												
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6																												
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550** e	**0.18** e	**32** e	**20** e	**110** e	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300** e	<0.25 e	**1.3** e	**10** e	**38** e	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--	--	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310** e	**0.089** e	**2.7** e	**10** e	**37** e	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089** e	<0.0050 e	<1.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-7																												
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-8																												
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-9																												
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--
MW-10																												
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-10R																												
MW-10R_d18.5	18.5	4/12/2012			<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-11																												
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B																												
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17** e	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430** e	<0.50 e	<0.50 e	**3.4** e	**7.6** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12** e	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76** e	**0.0099** e,f	**0.011** e,f	**1.5** e	**3.1** e	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034** e,f	<0.025 e	<0.25 e	--	--	--	--	--	--	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015** f	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B																												
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500** e	**2.9** e	**250** e	**85** e	**660** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200** e	**1.2** e	**86** e	**38** e	**220** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620** e	<1.2 e	**12** e	**14** e	**73** e	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480** e	<0.50 e	**2.1** e	**11** e	**47** e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12** e	**0.040** e,f	**0.78** e	**0.38** e	**1.9** e	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030** e,f	<0.050 e	<0.50 e	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7** e	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041** f	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																	METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-14B																												
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B																												
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-17B																												
MW-17Bd5*	5	5/19/2011	--	--	<0.19	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd10	10	5/19/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd15	15	5/19/2011	--	--	<0.21	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
MW-17Bd17	17	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024 M1	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
MW-17Bd20	20	5/19/2011	--	--	<0.21	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd25	25	5/19/2011	--	--	<0.33	<0.0032	<0.0032	<0.0032	<0.0097	<0.0032	<0.0032	<0.0032	<0.0032	<0.43	<0.0032	<0.0032	<0.016	--	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
MW-17Bd30	30	5/19/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0080	<0.0027	<0.0027	<0.0027	<0.0027	<0.35	<0.0027	<0.0027	<0.013	--	**0.026**	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
MW-18																												
MW-18_d15.5	15.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-18_d19.5	19.5	5/16/2012	--	--	**2200**	**2.1**	**110**	**52**	**282**	<0.40	<0.40	<0.40	<0.40	--	<0.40	<0.40	<2.0	**18**	<0.40	<0.40	<0.40	<0.40	<0.40	--	--	--	--	--
MW-19																												
MW-19_d18.0	18	4/11/2012	--	--	**180**	<0.025	<0.025	**1.4**	**0.44**	<0.025	<0.025	<0.025	<0.025	--	<0.025	<0.025	<0.15	**0.70**	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--
MW-22																												
MW-22_d3.0	3	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d5.0	5	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d8.0	8	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d10.0	10	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d15.0	15	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d18.0	18	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d21.0	21	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.0059**	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
Oil Water Separator Removal																												
OWS-S-4.5	4.5	1/12/1996 **c**	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	--	ND c	ND c	ND c	ND c	ND c	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease	PCE	Tetrachloroethylene
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPH-DRO	Total petroleum hydrocarbons as diesel range organics	TCE	Trichloroethylene
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPH-GRO	Total petroleum hydrocarbons as gasoline range organics	cis-1,2-DCE	cis-1,2-dichloroethylene
ND	Not detected (reporting limit unknown)	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol	1,2-DCA	1,2-Dichloroethane		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 8010 in 8/1992; 8260B
7 Analyzed by EPA Method 6000/7000
* Sample may not be representative of in-situ conditions because the boring was air knifed to a depth of 5 feet prior to sampling
a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 6.4 parts per billion and converted to mg/kg. All remaining constituents analyzed by 8010 were non-detect
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL'S and MDL's was raised due to sample dilution.
f Estimated Value (CLP Flags)
g Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S) and 4-Bromofluorobenzene (S
h Analyte recovery in the laboratory control sample (LCS) was below QC limits. Result may be biased low
i Result confirmed by second analysis

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
UST REPLACEMENT WATER SAMPLE																															
W1	--	--	8/25/1992 v, ff	21	--	--	--	--	50,000	1,200	6,700	1,400	10,000	--	--			--	--	--	--	--	--	--	--			--		--	--
SOIL BORINGS & TEMP WELLS																															
SP1	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP2	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP4	--	--	2/14/96	10.5	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	--	--	21,000 k	1,300 k	1,500 k	1,400 k	4,000 k	330 k	<200 k	<10 k	<10 k	--	--	<5000	--	--	--	--	--	--	--	--	--	--	--
SP-6	--	--	12/15/06	15	--	--	--	--	38,000 k	<10 k	<10 k	570 k	660 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--	--	--	--	--	--	--	--	--	--
SP-7	--	--	12/15/06	32	--	--	--	--	<50 k	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	--	--	<250	90	15	9.8	9.8	--	--	--	--	--	--	--
SP-8	--	--	12/15/06	15.2	--	--	--	--	51,000 k	110 k	100 k	3,000 k	9,600 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--	--	--	--	--	--	--	--	--	--
SB-1	--	--	5/18/11	16.25	--	--	--	--	111	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	38.9	4.7	15.0	15.0	--	<1.0	4.8	--	--	--	--
SB-3	--	--	5/18/11	20.25	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	1.9	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	--	--	--
SB-4	--	--	5/18/11	14.5	--	--	--	--	<50.0	0.54	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	11.9	<1.0	<1.0	<1.0	--	<1.0	2.7	--	--	--	--
SB-5	--	--	5/18/11	NO SAMPLE COLLECTED - BORING WAS DRY AT 30 FT AND 40 FT BGS (ATTEMPTED GRAB SAMPLE USING PRE-PACK SCREEN)																											
SB-6	--	--	6/7/11	21	--	--	--	--	45,800	40.5	1,230	1,420	7,430	1.5	<5.0	<0.50	<1.0	--	--	<250	103	15.2	16.2	16.2	--	<1.0	2.2	--	--	--	--
SB-7	--	--	5/18/11	14.2	--	--	--	--	166,000	2,790	15,600	4,080	21,000	1,160	2950	2.0	<1.0	--	--	<250	6.7	3.4	3.4	3.4	--	<1.0	<1.0	--	--	--	--
SB-8	--	--	5/17/12	14.50	--	--	--	--	330 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	--	--	--	22	9.3	7.2	7.2	--	<0.50	1.7	--	--	--	--
SB-9	--	--	4/12/12	15.80	--	--	--	--	90,000	1,100	6,500	4,400	21,000	<40 k	<200 k	<40 k	<40 k	--	--	<400 k	<40 k	<40 k	<40 k	<40 k	--	<40 k	<40 k	--	--	--	--
SB-11	--	--	3/15/13	31.00	--	--	--	--	15 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	42	80	1.4	1.4	<0.50	<0.50	<0.50	--	--	--	--	--
TW-1	--	--	4/11/12	15.46	--	--	--	--	53 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	--	63	1.3	<0.50	<0.50	--	<0.50	0.57	--	--	--	--
MONITORING WELLS																															
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.80	-2.93	-2.38	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.90	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	10.00	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.50	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.20	5.67	2.30	0	No	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.70	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.70	-1.83	-1.53	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.60	37	30	--
			11/18/96	17.01	-2.14	-0.40	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	10	10	--
			02/20/97	8.96	5.91	8.05	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	27	26	--
			05/27/97	15.37	-0.50	-6.41	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	35	28	--
			08/26/97	17.01	-2.14	-1.64	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	33	34	--
			11/25/97	16.50	-1.63	0.51	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	38	33	--
			02/13/98	6.07	8.80	10.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	38	30	--
			05/21/98	11.76	3.11	-5.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	46	34	--
			08/17/98	15.15	-0.28	-3.39	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	40	30	--
			11/19/98	16.13	-1.26	-0.98	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	43	34	--
			02/15/99	10.94	3.93	5.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	42	32	--
			05/13/99	12.70	2.17	-1.76	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.90	48	38	--
			08/10/99	15.39	-0.52	-2.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.93	44	35	--
			11/09/99	16.28	-1.41	-0.89	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	43	33.60	--
			02/14/00	10.38	4.49	5.90	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	8.03	54.30	--
			05/18/00	13.62	1.25	-3.24	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.34	4.04	18.10	--
			08/09/00	16.43	-1.56	-2.81	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	6.64	29.00	--
			11/08/00	16.20	-1.33	0.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	7.14	26.10	--
			02/14/01	13.34	1.53	2.86	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<100	7.08	30.40	--
			08/15/01	16.63	-1.76	-3.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	8.90	--
			02/13/02	12.46	2.41	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	31	28	--
			08/26/02	16.26	-1.39	-3.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	37	32	--
			02/18/03	12.09	2.78	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	27	26	--
			08/21/03	15.25	-0.38	-3.16	0	No	63	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	10	--
			03/30/04	12.05	2.82	3.20	0	No	81	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	29	26	--
			08/18/04	16.04	-1.17	-3.99	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34	29	--
		19.46 †	03/10/05	9.66	9.80	--	0	No	84 j	1.70	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26	28	--
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	7.52	3.13	0	No	94	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.08	4.38	-3.14	0	No	69 n,p	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																													
MW-2	10 - 30	14.50 ♦	06/15/94	15.33	-0.83	--	0	No	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)																		
MW-2 (cont'd)			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.54	-2.04	-1.46	0	No	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.80	-3.30	-1.26	0	No	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.74	6.76	10.06	0	No	10,000	2,400	2,000	530	2,900	3,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	120,000	10,000	39,000	3,100	19,000	9,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.50	-2.00	-3.27	0	No	340,000	1,000	42,000	3,800	22,000	5,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	16.90	-2.40	-0.40	0	No	32,000	2,500	7,200	760	4,000	4,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	<250	76	3.1	<2.5	13	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	39,000	3,700	11,000	1,200	6,700	4,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	69,000	7,200	20,000	2,900	17,000	4,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	110,000	5,800	21,000	3,400	20,000	3,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	10,000	850	510	170	2,000	630	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	38,000	3,300	6,700	1,200	5,800	2,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.20	-0.70	-3.42	0	No	79,000 e	6,100	12,000	3,000	17,000	3,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	430	27	20	23	120	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	7,600	900	170	340	1,500	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	53,000	4,100	7,900	2,200	12,000	1,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	59,000	3,300	5,300	2,600	17,000	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.20	-1.70	-0.85	0	No	29,900	2,070	1,530	1,610	5,820	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	6,460	716	140	478	942	636	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	27,400	1,830	3,400	1,500	6,160	1,230 h	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	36,900	2,400	450	2,060	9,510	1,220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	50,300	3,110	2,960	2,550	12,000	872	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	8,090	700	55.90	630	597	841	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	13,000	1,500	910	1,300	1,300	910	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	23,000	1,600	2,400	1,500	4,200	640	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	32,000 k	1,600 k	900 k	2,100 k	6,300 k	<250 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	600	93	13	3.4	46	98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	25,000	1,300	330	1,400	5,400	460	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	9,800	790	800	1,000	1,900	400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.00	-1.50	-4.82	0	No	14,000	1,100	150	2,000	2,000	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	160	16	14	9.7	14	34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	--	--	3,400	370	23	750	220	220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/02/06	11.89	7.22	3.14	0	No	4,100	240	85	160	420	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	14.99	4.12	-3.10	0	No	5,800 k	380 k	12 k	840 k	370 k	130 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																												
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.90	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	17.95	-1.88	-1.50	0	No	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	19.25	-3.18	-1.30	0	No	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	3,200	1,300	99	68	240	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	1,300	350	120	42	120	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	17.90	-1.83	-3.32	0	No	14,000	650	210	82	250	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	3	32.00	--
			11/18/96	18.19	-2.12	-0.29	0	No	1,700	440	90	21	150	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	18	0	--
			02/20/97	9.42	6.65	8.77	0	No	<50	1.3	<0.50	<0.50	<0.50	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	62	70	--
			05/27/97	16.67	-0.60	-7.25	0	No	12,000	1,700	1,000	520	2,900	2,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.10	2	--
			08/26/97	18.32	-2.25	-1.65	0	No	6,400	1,800	100	430	1,300	2,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.10	16	--
			11/25/97	17.40	-1.33	0.92	0	No	7,800	2,000	190	420	750	2,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.10	15	--
			02/13/98	6.55	9.52	10.85	0	No	3,900	1,000	<25	180	150	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<5.0	23	--
			05/21/98	13.11	2.96	-6.56	0	No	320	180	<2.0	<2.0	3.5	490	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	13	53	--
			08/17/98	16.51	-0.44	-3.40	0	No	115 d	25	0.99	7.3	10	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	<1.0	5	--
			11/19/98	17.47	-1.40	-0.96	0	No	4,600	1,500	<12	430	190	1,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	8	--
			02/15/99	12.35	3.72	5.12	0	No	2,400	910	6.5	200	110	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	5	11.00	--
			05/13/99	13.96	2.11	-1.61	0	No	1,900	640	<5.0	48	77	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.40	<1.0	20	--
			08/10/99	16.08	-0.01	-2.12	0	No	14,000	2,600	<50	680	2,000	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.93	<0.10	4	--
			11/09/99	17.60	-1.53	-1.52	0	No	5,060	1,330	<20	292	282	1,440	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	4	6.27	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)																		
MW-3 (cont'd)			02/14/00	11.64	4.43	5.96	0	No	4,400	1,140	64.2	346	338	946	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	5	8.72	--
			05/18/00	14.89	1.18	-3.25	0	No	2,770	884	<10	140	109	735	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56	<0.20	15	--
			08/09/00	17.71	-1.64	-2.82	0	No	23,600	2,790	2,470	1,470	4,230	1,130	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.20	2	--
			11/08/00	17.51	-1.44	0.20	0	No	62,100	3,480	16,000	2,120	9,460	540	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.20	3	--
			02/14/01	14.58	1.49	2.93	0	No	32,800	2,540	2,660	2,460	7,740	320	--	--	--	--	--	--	--	--	--	--	--	--	--	<100	<50.0	1	--
			08/15/01	17.95	-1.88	-3.37	0	No	7,700	1,000	<20	830	1,500	660	--	--	--	--	--	--	--	--	--	--	--	--	--	11	29	26	--
			02/13/02	13.72	2.35	4.23	0	No	2,300	340	20	170	200	110	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<50	44	--
			08/26/02	17.61	-1.54	-3.89	0	No	5,900 k	960 k	<25 k	800 k	1,000 k	330 k	<1000 k	<20 k	20 k	--	--	<5000	--	--	--	--	--	--	--	<0.10	<0.50	4	--
			02/18/03	13.32	2.75	4.29	0	No	770	160	37	9.7	70	46	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	5.20	39.00	--
			08/21/03	16.70	-0.63	-3.38	0	No	18,000	1,100	260	1,100	4,000	370	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	--
			03/30/04	13.35	2.72	3.35	0	No	720	140	<1.0	6.0	14	47	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	32	--
			08/18/04	17.43	-1.36	-4.08	0	No	3,500	740	<2.5	25	15	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	--
		20.69 †	03/10/05	10.89	9.80	--	0	No	130	43	1.0	1.0	6.2	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	54	--
			08/11/05	16.44	4.25	-5.55	0	No	1,900	260	6.1	12	26	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	13.29	7.40	3.15	0	No	2,100	330	3.6	14	58	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	16.37	4.32	-3.08	0	No	2,100	230 k	11	44	240	85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																												
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.51	-2.13	-1.36	0	No	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.82	-3.44	-1.31	0	No	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	44,000	3,400	11,000	1,300	7,200	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.30	1.08	-5.42	0	No	100,000	5,100	28,000	3,200	19,000	4,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	41,000	2,200	3,300	780	4,000	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	29,000	2,300	4,000	1,100	5,600	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	<250	65	3.70	<2.5	15	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	5,500	690	460	200	1,600	290	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	21,000	1,600	3,000	1,000	5,400	530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	24,000	1,000	2,300	840	4,800	250	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/98	5.80	8.58	10.07	0	No	62 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.86	2.52	-6.06	0	No	86	0.86	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	120	3.1	6.5	<0.50	18	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	230	7.8	42	5.5	43	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	68 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	1,320	38	211	50	228	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	51.3	<0.50	<0.50	<0.50	<0.50	9.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	534	8.75	62	26.3	131	2.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	2,190	34	347	70.6	536	<12.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	287	5.37	13.4	9.52	32.9	16.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	490	4.2	48	20	140	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	58 d	2.30	<0.50	<0.50	1.60	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	180	1.50	15	1.10	55	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	550	58	3.50	<0.50	110	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.30	-0.92	-3.18	0	No	120	<0.50	<0.50	<0.50	1.20	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	220	0.91	<0.50	1.50	1.30	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	81	<0.50	<0.50	0.60	2.80	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	8,600	290	360	560	1,800	41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	140	3.9	6.1	2.2	7.7	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.91	7.11	3.20	0	No	2,800	70	37	200	370	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.08	3.94	-3.17	0	No	170 n,p	<0.50	<0.50	<0.50	<0.50	0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/26/07	14.91	4.11	0.17	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	83	--	--	--	--	--	--	--	--	--	--
			08/28/07	16.85	2.17	-1.94	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	43 k,r	--	--	--	--	--	--	--	--	--	--
			02/01/08	10.32	8.70	6.53	0	No	1,800 k	52	5.0	7.6	410 k	8.0	--	--	--	--	--	--	--	68	8.1	8.9	<0.50	--	--	--	--	--	--	--
			07/03/08	16.32	2.70	-6.00	0	No	73	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	54	5.5	3.8	<0.50	--	--	--	--	--	--	--
		19.01 †††	08/18/08	16.96	2.05	-0.65	0	No	**Monitoring well not sampled - gauged only**																							
			01/30/09	15.48	3.53	1.48	0	No	130	<0.50	<0.50	0.92	2.8	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.00	2.01	-1.52	0	No	88 n,w	<0.50	<0.50	<0.50	<1.0	0.57	--	--	--	--	--	--	--	48	4.7	2.9	<0.50	--	--	--	--	--	--	--
			01/18/10	14.89	4.12	2.11	0	No	51.2	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.39	6.62	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	48.2	7.1	5.9	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	15.49	3.52	-3.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	37.2 x, y	4.2	3.3	<1.0	<1.0	<1.0	2.1	--	--	--	--
			01/06/11	11.83	7.18	3.66	0	No	56.4 bb	0.65	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	25.3	--	--	--	<1.0	--	--	--	--	--	--	--
			02/02/12	15.73	3.28	-3.90	0	No	88.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	47.1	3.3	2	<1.0	<1.0	<1.0	2.3	--	--	--	--
			05/30/12 ee	14.86	4.15	0.87	0	No	60.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	44.6	3.6	1.8	<1.0	--	<1.0	1.8	--	--	--	--
			08/06/12 ee	17.15	1.86	-2.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	21	2.2	1.7	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			02/14/13	14.43	4.58	2.72	0	No	86 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	31	3.0	1.5	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.17	1.84	-2.74	0	No	**Monitoring well not sampled - gauged only**																							
			01/28/14	17.93	1.08	-0.76	0	No	230 kk	<0.50	<0.50	10	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	28	2.4	1.6	<0.50	<0.50	<0.50	--	--	--	--	3.20
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)																		
MW-5 (cont'd)			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.80	0.45	-1.11	0	No	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.10	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.51	-2.26	-1.41	0	No	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.77	-3.52	-1.26	0	No	200 c	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	310	93	0.95	0.62	4.10	2,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	180	9.70	12	1.70	8.10	730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.50	-2.25	-3.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	91	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	<50	2.30	<0.50	<0.50	0.87	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.23	-0.98	-6.45	0	No	91	<0.50	<0.50	<0.50	0.62	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	81	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	110	1.40	1.10	0.55	3.10	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	100 d	0.53	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	120	1.40	<0.50	<0.50	<0.50	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	110	110	<0.50	<0.50	<0.50	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	100 f	1.20	<0.50	0.50	0.88	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	110 d	<0.50	<0.50	<0.50	8.80	8.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	98	<0.50	<0.50	<0.50	<0.50	7.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.40	-1.15	-2.73	0	No	120 e	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	120 d	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	133 d	<0.50	<0.50	<0.50	<0.50	13.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.55	0.70	-3.48	0	No	114 d	<0.50	<0.50	<0.50	<0.50	24.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.50	-2.25	-2.95	0	No	180 i	0.53	2.09	<0.50	2.19	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	131	<0.50	<0.50	<0.50	<0.50	2.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	175 d	<0.50	0.54	<0.50	0.69	13.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.46
			08/15/01	16.55	-2.30	-3.48	0	No	390	3.40	38	16	110	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	100 d	1.40	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	310	7.20	33	4.60	76	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	400	64	<1.0	<1.0	6.40	210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	310	3.30	4.30	1.10	14.00	2.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	360	13	<0.50	<0.50	<1.0	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	50,000	740	830	2,200	20,000	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	530	7.80	<1.0	<1.0	2.40	320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	350	12	6.3	2.5	32	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.82	7.07	3.25	0	No	460	2.8	<0.50	<0.50	<1.0	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.04	3.85	-3.22	0	No	370 n,p	<0.50	<0.50	<0.50	<0.50	9.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																											
MW-6	13 - 19	19.07 ††	01/26/07	14.79	4.28	--	0	No	67,000 k	380 k	8,600 k	3,600 k	17,000 k	62	--	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	--	--
			08/28/07	16.75	2.32	-1.96	0	No	67,000 k,q	520 k	6,300 k	4,600 k	25,000 k	100 k	--	--	--	--	--	--	<50 k,r	--	--	--	--	--	--	--	--	--	--
			02/01/08	10.80	8.27	5.95	0	No	69,000 k	720 k	5,000 k	3,100 k	21,000 k	130 k	--	--	<50 k	--	--	--	<50 k	<50 k	<50 k	<50	--	--	--	--	--	--	--
			07/03/08	16.21	2.86	-5.41	0	No	86,000 k	600 k	4,700 k	4,000 k	26,000 k	100	--	--	--	--	--	--	<0.50	<0.50	<0.50	<50	--	--	--	--	--	--	--
		19.08 †††	08/18/08	16.87	2.20	-0.66	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	15.41	3.67	1.47	0	No	57,000 k	1,200 k	15,000 k	2,700 k	13,000 k	110 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.93	2.15	-1.52	0	No	68,000 k	1,000 k	3,600 k	4,300 k	25,000 k	210 k	--	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--
			01/18/10	14.74	4.34	2.19	0	No	54,900	2,020	8,090	3,340	17,700	171	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.31	6.77	2.43	0	No	--	--	--	--	27,600	--	31	<0.50	<1.0	<0.50	<0.50	<250	1.3	<1.0	4.5	<1.0	<1.0	3.3	<1.0	--	--	--
			07/14/10	15.38	3.70	-3.07	0	No	107,000	1,410	3,240	4,090	17,900	142	134	0.54	<1.0	<0.50	<0.50	<250	<1.0 x, y	<1.0	1	<1.0	<1.0	1.3	<1.0	--	--	--
			01/06/11	11.70	7.38	3.68	0	No	47,500	1,510	2,340	2,750	10,600	194	14.1	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.62	3.46	-3.92	0	No	62,600 k	1,820 k	7,750 k	3,540 k	14,200 k	220 k	<250 k	<25 k	<50 k	<25.0	<25.0	<12500	<50 k	<50 k	<50 k	<50.0	<50.0	<50 k	<50 k	--	--	--	--
			05/30/12 ee,SS	14.68	4.40	0.94	0	No	60,100	1,080	1,220	3,860	14,200	94.1	42.5	<0.50	<1.0	--	--	<250	<1.0	<1.0	1.6	<1.0	--	1.6	<1.0	--	--	--	--
			08/06/12 ee	17.02	2.06	-2.34	0	No	39,000	1,000	260	3,800	8,200	140.0	<50	<10	<10	<10	<10	<100	<10	<10	<10	<10	<10	<10	--	--	--	--
			02/14/13	14.28	4.80	2.74	0	No	45,000	1,000	1,600	2,800	7,300	130	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	--	--	--	--	820
			07/08/13	17.30	1.78	-3.02	0	No	17,000	800	63	2,300	2,300	150	29	<4.0	<4.0	<4.0	<4.0	<40	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	--	--	--	--	620
			01/28/14	17.88	1.20	-0.58	0	No	15,000	810	44	1,700	870	86	27	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	--	--	--	520
MW-7	22 - 25	21.74 ††	01/26/07	17.17	4.57	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	100 k	--	--	--	--	--	--	--	--	--	--
			08/28/07 u	19.19	2.55	-2.02	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	-- s	--	--	--	--	--	--	--	--	--	--
			02/01/08	12.64	9.10	6.55	0	No	160 n,w	0.99	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	84 k	7.5	15	<0.50	--	--	--	--	--	--	--
			07/03/08	18.60	3.14	-5.96	0	No	130 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	97	4.8	4.6	<0.50	--	--	--	--	--	--	--
			08/18/08	19.34	2.40	-0.74	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	17.80	3.94	1.54	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	19.20	2.54	-1.40	0	No	150 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	130 k	7.2	8.0	<0.50	--	--	--	--	--	--	--
			01/18/10	17.17	4.57	2.03	0	No	191	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	14.83	6.91	2.34	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	172	12.5	14.5	<1.0	<1.0	<1.0	1.3	--	--	--	--
			07/14/10	17.78	3.96	-2.95	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	69.5 x, y	5.2	5.3	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			01/06/11	14.13	7.61	3.65	0	No	99.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	62.4	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	18.07	3.67	-3.94	0	No	176.0 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	165	8.6	10	<1.0	<1.0	<1.0	1.6	--	--	--	--
			05/30/12 ee	17.00	4.74	1.07	0	No	304	<0.50	<0.50	4.3	21.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	169	9.5	8.2	<1.0	<1.0	<1.0	1.2	--	--	--	--
			08/06/12	19.50	2.24	-2.50	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	21.74	5.05	2.81	0	No	220 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	110	8.1	6.7	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.51	4.23	-0.82	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	20.38	1.36	-2.87	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	110	8.3	6.8	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-8	17 - 30	18.42 ††	01/26/07	14.09	4.33	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	26	--	--	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-8 (cont'd)			08/28/07	15.98	2.44	-1.89	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	15 r	--	--	--	--	--	--	--	--	--	--
			02/01/08	9.66	8.76	6.32	0	No	59 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	29	1.5	0.70	<0.50	--	--	--	--	--	--	--
			07/03/08	14.57	3.85	-4.91	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	18	1.1	<0.50	<0.50	--	--	--	--	--	--	--
			08/18/08	16.11	2.31	-1.54	0	No	**Monitoring well not sampled - gauged only**																					
			01/30/09	14.64	3.78	1.47	0	No	77 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.16	2.26	-1.52	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	19	1.3	<0.50	<0.50	--	--	--	--	--	--	--
			01/18/10	14.03	4.39	2.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	11.53	6.89	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	31.6	1.7	<2.0	<1.0	<1.0	<1.0	1.7	--	--	--	--
			07/14/10	14.69	3.73	-3.16	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	15.4 x, y	1.2	<1.0	<1.0	<1.0	<1.0	1.3	--	--	--	--
			01/06/11	11.09	7.33	3.60	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	14.9	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	14.90	3.52	-3.81	0	No	64.4 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	24.8	1.4	<1.0	<1.0	<1.0	<1.0	1.4	--	--	--	--
			05/30/12	14.09	4.33	0.81	0	No	**Monitoring well not sampled - gauged only**																					
			08/06/12	16.23	2.19	-2.14	0	No	**Monitoring well not sampled - gauged only**																					
			02/14/13	18.42	4.81	2.62	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	16.85	1.57	-3.24	0	No	**Monitoring well not sampled - gauged only**																					
			01/28/14	17.15	1.27	-0.30	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	16	1.6	2.0	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-9	11.5 - 15	19.42 ††	01/26/07	14.90	4.52	--	0	No	<50 n,q	<0.50	<0.50	<0.50	0.73	<0.50	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--
			08/28/07	14.98	4.44	-0.08	0	No	**Monitoring well not sampled - reported as dry**																					
			2/1/2008	10.50	8.92	4.48	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	10	0.88	0.85	<0.50	--	--	--	--	--	--	--
			07/03/08	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**																					
			01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			03/30/10	12.62	6.80	--	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	6.7	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			01/06/11	11.90	7.52	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	6.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			05/30/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			08/06/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			02/14/13 gg	14.37	5.05	--	0	No	<50	<0.50	<0.50	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	8.1	0.56	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**																					
			01/28/14	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**																					
MW-10	6 - 13.5	19.17 †††	08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**																					
			01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			03/30/10	12.47	6.70	--	0	No	**Monitoring well not sampled - insufficient water column**																					
			07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			01/06/11	12.16	7.01	--	0	No	**Monitoring well not sampled - gauged only**																					
			02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																					
			MONITORING WELL DESTROYED ON 04/11/2012																											
MW-10R	6 -- 21	19.11 †††††	05/30/12 ee, ss	15.02	4.09	--	0	No	89,300	77.0	103	5,670	27,900	5.0	6.3	<0.50	<1.0	--	--	<250	<1.0	<1.0	16.1	<1.0	--	2.9	<1.0	--	--	--	--
			08/06/12 ee	17.26	1.85	-2.24	0	No	47,000	53.0	<20	3,300	12,000	<20	<90	<20	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	--	--	--	--
			02/14/13	14.69	4.42	2.57	0	No	49,000	38	<15	2,500	10,000	<15	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	1,300
			07/08/13	17.65	1.46	-2.96	0	No	56,000	31	<15	2,000	7,500	<15	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	970
			01/28/14	18.22	0.89	-0.57	0	No	56,000	28	<15	2,600	9,200	<15	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	1,100
MW-11	5 - 15	19.23 †††	08/18/08	14.71	4.52	--	0	No	**Monitoring well not sampled - gauged only**																					
			01/30/09	14.80	4.43	-0.09	0	No	**Monitoring well not sampled - insufficient water column**																					
			07/30/09	14.83	4.40	-0.03	0	No	**Monitoring well not sampled - insufficient water column**																					
			01/18/10	14.62	4.61	0.21	0	No	**Monitoring well not sampled - insufficient water column**																					
			03/30/10	12.52	6.71	2.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	14.53	4.70	-2.01	0	No	**Monitoring well not sampled - insufficient water column**																					
			01/06/11	13.05	6.18	1.48	0	No	**Monitoring well not sampled - gauged only**																					
			02/02/12	14.68	4.55	-1.63	0	No	**Monitoring well not sampled - gauged only**																					
			05/30/12 ee	14.25	4.98	0.43	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	--	--	--
			08/06/12 gg	14.48	4.75	-0.23	0	No	**Monitoring well not sampled - insufficient water column**																					
			02/14/13 gg	14.08	5.15	0.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			MONITORING WELL DESTROYED ON 03/15/2013																											
MW-12B	19 - 29	18.68 †††	08/18/08	16.99	1.69	--	0	No	290 n	<0.50	<0.50	0.70	1.9	3.5 k	<10.0	<0.50	<0.50	--	--	<250	270 k	36	41	<0.50	--	--	--	--	--	--	--
			01/30/09	15.50	3.18	1.49	0	No	1,300 k	<1.2 k	<1.2 k	2.3 k	7.7 k	<1.2 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.07	1.61	-1.57	0	No	300 k,n,w	<1.0 k	<1.0 k	<1.0 k	2.9 k	1.5 k	--	--	--	--	--	--	170 k	25 k	39 k	<1.0	--	--	--	--	--	--	--
			01/18/10	14.97	3.71	2.10	0	No	221	1.9	1.7	1.7	5.8	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.24	6.44	2.73	0	No	<50.0	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	221	29.4	37.6	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	15.55	3.13	-3.31	0	No	296 aa	<0.50	<0.50	<0.50	<1.5	2.10	<5.0	<0.50	<1.0	<0.50	<0.50	<250	139 x,y,z	19.7	28.1	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			01/06/11	11.81	6.87	3.74	0	No	243 bb	<0.50	<0.50	<0.50	<1.5	0.60	<5.0	<0.50	<1.0	<0.50	<0.50	<250	152	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.77	2.91	-3.96	0	No	283 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	221	17.6	28.7	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			05/30/12	14.92	3.76	0.85	0	No	**Monitoring well not sampled - gauged only**																					
			08/06/12 ee	17.12	1.56	-2.20	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	110	13	19	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			02/14/13	19.50	-0.82	-2.38	0	No	280 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	140	15	18	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			07/08/13	17.50	1.18	2.00	0	No	200 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	120	13	17	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			01/28/14	18.01	0.67	-0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	110	11	15	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
MW-13B	21 - 31	19.14 †††	08/18/08	16.92	2.22	--	0	No	300 n	3	0.98	<0.50	5.4	3.5 k	<10.0	<0.50	<0.50	--	--	<250	280 k	33 k	32	<0.50	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-13B (cont'd)			01/30/09	15.41	3.73	1.51	0	No	430 k,n,w	<1.2 k	<1.2 k	<1.2 k	<2.5 k	<1.2 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.00	2.14	-1.59	0	No	390 k,n,w	4.9 k	<1.0 k	<1.0 k	<2.0 k	3.0 k	--	--	--	--	--	--	160 k	20 k	14 k	<1.0	--	--	--	--	--	--	--	--
			01/18/10	14.81	4.33	2.19	0	No	314	<0.50	<0.50	<0.50	<1.5	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.10	7.04	2.71	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	460	42.6	45.5	<1.0	<1.0	<1.0	2.4	--	--	--	--
			07/15/10	15.47	3.67	-3.37	0	No	1,340	145	<0.50	4.0	<1.5	91.3	96.6	<0.50	<1.0	<0.50	<0.50	<250	139 x, y	22.9	20.1	<1.0	<1.0	1.1	1.3	--	--	--	--
			01/06/11	11.79	7.35	3.68	0	No	403 bb	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<0.50	<1.0	<0.50	<0.50	<250	233	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.70	3.44	-3.91	0	No	216 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	146	13.9	11.1	<1.0	<1.0	<1.0	1.1	--	--	--	--
			05/30/12 ee	14.82	4.32	0.88	0	No	2,110	321 dd	0.75	2.7	6.7	90.8	45.3	<0.50	<1.0 dd	--	--	<250	189 dd	19.4	17.5	<1.0	--	1.2	<1.0	--	--	--	--
			08/06/12 ee	17.07	2.07	-2.25	0	No	230 cc	<0.50	<0.50	<0.50	<0.50	2.5	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	150	17	14	<0.50	<0.50	<0.50	1.2	--	--	--	--
			02/14/13	14.33	4.81	2.74	0	No	820	150	<0.50	0.94	0.64	28	8.1	<0.50	<0.50	<0.50	<0.50	<8.0	140	16	15	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.40	1.74	-3.07	0	No	240 cc	<0.50	<0.50	<0.50	<0.50	0.73	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	160	16	11	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	17.95	1.19	-0.55	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	140	14	8.9	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-14B	18.8 - 28.8	18.47 †††	08/18/08	16.26	2.21	--	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	21	1.4	0.83	<0.50	--	--	--	--	--	--	--
			01/30/09	14.81	3.66	1.45	0	No	85 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.31	2.16	-1.50	0	No	61 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	27	1.8	0.77	<1.0	--	--	--	--	--	--	--
			01/18/10	14.20	4.27	2.11	0	No	<50	<0.50	<0.50	0.52	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	11.78	6.69	2.42	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	38.4	2.5	<2.0	<1.0	<1.0	<1.0	2.7	--	--	--	--
			07/14/10	14.80	3.67	-3.02	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	19.9 x, y	1.6	1.1	<1.0	<1.0	<1.0	2.5	--	--	--	--
			01/06/11	11.18	7.29	3.62	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	24.3	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.05	3.42	-3.87	0	No	75.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	28.1	1.4	1.0	<1.0	<1.0	<1.0	2.7	--	--	--	--
			05/30/12 ee	14.20	4.27	0.85	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	30	1.7	<1.0	<1.0	--	<1.0	2.5	--	--	--	--
			08/06/12	16.44	2.03	-2.24	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	13.74	4.73	2.70	0	No	59 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	21	1.4	0.82	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.10	1.37	-3.36	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	17.30	1.17	-0.20	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	16	1.1	0.82	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-15B	17 - 27	19.12 †††	08/18/08	17.32	1.80	--	0	No	61 n	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	60	2.5	1.9	--	--	--	<1.0	--	--	--	--
			01/30/09	15.80	3.32	1.52	0	No	110 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.40	1.72	-1.60	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	100	4.7	6.0	<0.50	--	--	--	--	--	--	--
			01/18/10	15.21	3.91	2.19	0	No	81.8	<0.50	<0.50	<0.50	<1.5	<0.50 z	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.69	6.43	2.52	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	82.7	2.2	3.8	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	15.82	3.30	-3.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	36.4 x, y	2.2	2.9	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			01/06/11	12.10	7.02	3.72	0	No	93.1 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	60.4	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	16.05	3.07	-3.95	0	No	191 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	139	4.7	6.8	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			05/30/12	15.25	3.87	0.80	0	No	**Monitoring well not sampled - gauged only**																						
			08/06/12	17.35	1.77	-2.10	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	14.79	4.33	2.56	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	95	4.1	3.7	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	16.92	2.20	-2.13	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	18.33	0.79	-1.41	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	140	8.3	9	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-17B	21 - 27	18.75 ††††	06/07/11	13.33	5.79	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	9.3	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	--	--	--	--
			02/02/12	15.10	3.65	-2.14	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	9.5	<0.50	<1.0	--	--	<250	10.6	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	--	--	--
			05/30/12	14.14	4.61	0.96	0	No	**Monitoring well not sampled - gauged only**																						
			08/06/12	16.49	2.26	-1.39	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	13.78	4.97	2.71	0	No	61 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	20	1.5	0.81	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	16.86	1.89	-3.08	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	17.35	1.40	-0.49	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	14	0.94	0.54	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-18	6 -- 21	19.61 †††††	05/30/12 ee, S5	15.27	4.34	--	0	No	98,900	3,420	23,000	2,440	15,200	1,270	2,460	<0.50	<1.0	--	--	<250	14.7	2.5	3.8	<1.0	--	<1.0	<1.0	<1.0	--	--	--
			08/06/12 ee, S5	17.60	2.01	-2.33	0	No	46,000	2,300	9,500	1,400	12,000	1,600	2,200	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	--
			02/14/13	14.90	4.71	2.70	0	No	16,000	410	1,500	370	2,500	450	1,400	<3.0	<3.0	<3.0	<3.0	<30	6.9	4.4	10	<3.0	<3.0	<3.0	--	--	--	--	140
			07/08/13	17.90	1.71	-3.00	0	No	36,000	1,900	5,500	1,200	6,400	1,000	1,200	<3.0	<3.0	<3.0	<3.0	<250 ii	3.0	<3.0	4.8	<3.0	<3.0	<3.0	--	--	--	--	320
			01/28/14	18.47	1.14	-0.57	0	No	22,000	530	1,800	560	2,600	480	1,700	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	9.2	<2.5	<2.5	6.7	--	--	--	--	160
MW-19	6 -- 21	19.06 †††††	05/30/12 ee,S5	14.85	4.21	--	0	No	15,700	13.5	14.0	427	2,180	0.83	<5.0	<0.50	<1.0	--	--	<250	12.9	1.6	6.0	<1.0	--	<1.0	1.1	--	--	--	--
			08/06/12	17.18	1.88	-2.33	--	--	**Monitoring well not sampled - gauged only**																						
			09/07/12 ee	17.63	1.43	-0.45	0	No	190	<0.50	<0.50	1.6	7.4	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	26	3	3	<0.50	<0.50	<0.50	1.1	--	--	--	--
			02/14/13	14.50	4.56	3.13	0	No	470	1.4	<0.50	44	8.2	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	12	3.2	3.0	<0.50	<0.50	<0.50	--	--	--	--	29
			07/08/13	17.50	1.56	-3.00	0	No	100	<0.50	<0.50	2.2	4.1	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	24	3.2	1.7	<0.50	<0.50	<0.50	--	--	--	--	0.63
			01/28/14	18.00	1.06	-0.50	0	No	720	0.79	<0.50	35.0	0.99	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	20	3.6	2.3	<0.50	<0.50	<0.50	--	--	--	--	5.1
MW-20	6 -- 21	19.01 ††††††	05/20/13	17.00	2.01	--	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	78	4.0	3.7	<0.50	<0.50	<0.50	<0.50	--	--	--	<10
			07/08/13	17.70	1.31	0.70	0	No	110 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	53	3.9	4.0	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			01/28/14	18.21	0.80	0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	160	12	13	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
MW-21	6 -- 21	18.52 ††††††	05/20/13	16.83	1.69	--	0	No	3,400	0.72	<0.50	150	290	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20 hh	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	82
			07/08/13	17.30	1.22	0.47	0	No	24,000	<5.0	<5.0	1,000	2,600	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	460
			01/28/14	17.87	0.65	0.57	0	No	15,000	2.7	2.3	840	1,600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	--	--	--	--	340
MW-22	6 -- 21	20.86 †††††††	07/08/13	19.50	1.36	--	0	No	**Monitoring well not sampled - insufficient water to sample**																						
			09/24/13	19.55	1.31	0.05	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	5.1	0.70	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	19.56	1.30	0.01	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	24 jj	<0.50	<0.50	<0.50	<0.50	<5.0	1.2	4.60	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-23	21 -- 31	22.33 †††††††	07/08/13	20.10	2.23	--	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	90	10	16	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			01/28/14	20.63	1.70	0.53	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	100	11	16	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
MW-24	6 -- 21	19.51 †††††††	07/08/13	18.00	1.51	--	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			09/24/13	18.79	0.72	0.79	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			01/28/14	18.48	1.03	-0.31	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
QCTB			03/10/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
QCTB (cont.)			03/01/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/15/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	<1.0	--	--	<250	--	--	--	--	--	--	--	--	--	--	--	--
			01/26/07	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	--	--	--	--
			08/28/07	--	--	--	--	--	<500 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/01/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/03/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TB1			01/18/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/14/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	<1.0	<1.0	--	--	--	<1.0	<1.0	--	--	--	--
			01/06/11	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	--	--	--	--	--	--	--	--	--	--	--
			02/02/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	<1.0	<1.0	--	--	--	<1.0	<1.0	--	--	--	--
			05/30/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	<1.0	<1.0	--	--	--	<1.0	<1.0	--	--	--	--
			08/06/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	--	--	<5.0	<0.50	<1.0	<0.50	--	--	<0.50	<0.50	--	--	--	--
			02/14/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--	<0.50	<0.50	--	--	--	--
			05/20/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			01/28/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
CRWQCB ESLs (Potential Drinking Water Resource):									**100**	**1.0**	**40**	**30**	**20**	**5.0**	**12**	**--**	**0.50**	**--**	**--**	**--**	**5.0**	**5.0**	**6.0**	**10**	**--**	**0.50**	**70**	**--**	**--**	**--**	**6.2**

Notes:

<	Denotes less than Practical Quantitation Limit (PQL) or Minimum Detection Level (MDL)	TOC	Top of Casing	GRO	Gasoline range organics	1,2-DCA	1,2-dichloroethane	DIPE	Diisopyopyl ether
--	Not analyzed/applicable/measured	GW	Groundwater	BTEX	Benzene, toluene, ethylbenzene, xylenes	PCE	Tetrachloroethylene	ETBE	Ethyl-butyl ether
CRWQCB	California Regional Water Quality Control Board	GWE	Groundwater Elevation	MTBE	Methyl tert-butyl ether	TCE	Trichloroethylene	EDB	1,2-Dibromoethane
ESLs	Environmental Screening Levels	NAPL	Non-aqueous phase liquid	TBA	Tert-butyl alcohol	cis-1,2-DCE	cis-1,2-dichloroethylene	VC	Vinyl chloride
EPA	U.S. Environmental Protection Agency	µg/L	micrograms per liter	TAME	Tert-amyl methyl ether	trans-1,2-DCE	trans-1,2-dichloroethylene		
QCTB & TB1	Trip blank samples for quality control	mg/L	milligrams per liter						

♦ The elevations were surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)

† TOC elevations were surveyed by Morrow Surveying on August 13, 2005 to the NAVD 88 datum by GPS observations.
†† TOC elevations were surveyed by Morrow Surveying on January 16, 2007 to the NAVD 88 datum by GPS observations.
††† TOC elevations were surveyed by Mid Coast Engineers on August 18, 2008 to the NAVD 88 datum by GPS observations.
†††† TOC elevation was surveyed by Mid Coast Engineers on June 6, 2011 to the NAVD 88 datum by GPS observations.
††††† TOC elevation was surveyed by Mid Coast Engineers on May 25, 2012 to the NAVD 88 datum by GPS observations.
†††††† TOC elevation was surveyed by Morrow Surveying on May 16, 2013 to the NAVD 88 datum by GPS observations.
††††††† TOC elevation was surveyed by Morrow Surveying on July 1, 2013 to the NAVD 88 datum by GPS observations.

1 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
2 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
3 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4 Analyzed by EPA Method 8260B.
5 Analyzed by EPA Method 8270C.

a The presence of MTBE was potentially identified at reportable levels.
b The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
c The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
d Chromatograph pattern: unidentified hydrocarbons C6-C12
e Chromatograph pattern: weathered gasoline: C6-C12
f Chromatograph pattern: discrete peaks C8-C12
g Chromatograph pattern: discrete peaks
h Sample was additionally run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
i Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
j The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
k Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")
l Detection limit raised due to sample dilution
m Estimated value
n Chromatogram not typical of gasoline.
o The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.
p TPPH was positive due to PCE present in the sample.
q PCE, TCE, and/or 1,2-DCE were subtracted from the gasoline range TPPH, or GRO.
r Sample hold time was exceeded.
s Not enough sample to re-run for PCE.
t First run did not pass, sample had to be diluted due to not enough sample. Only one voa submitted to lab.
u Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007
v Sample also analyzed for TPH-diesel (reported at a concentration of 28,000, with the chromatogram reporting a diesel and non-diesel mixture (<C16, >C22)
w Result was positive due to PCE and TCE present in the sample.
x Data from re-sampling event on 3/30/2010.
y "L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
z "M0" = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory reporting limits.
aa "T4" = Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)																		

bb "1n" = The GRO result for this sample did not match the pattern of the laboratory standard for gasoline, likely due to the presence of PCE in the sample
cc Primary compounds not found in typical gasoline
dd "M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.
ee samples also tested for full VOCs, refer to laboratory analytical report for full list of analytes and results.
ff Sample also analyzed for organic lead (result was 'non-detect')
gg Groundwater sample collected may represent casing water trapped in the well bottom.
S5 Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).
hh The method reporting limit for ethanol has been increased due to the presence of an interfering compound.
ii Repeat analysis of GRO yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
jj Repeat analysis for TBA yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
kk

original GRO testing indicated that the primary compounds were not found in typical gasoline. These values were recalculated under the 'Gasoline Hydrocarbon' parameter, calculated by adding up the chromatographic peaks between hexane and dodecan (C6 to C12), subtracting the non-gasoline compounds (primarily dichloroethene, Trichloroethene, and tetrachloroethene), and comparing against a gasoline calibration curve.

Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and 7/30/09, and by Pace Analytical / Kiff Analytical between 1/18/10 and the present.

TABLE 4

HISTORICAL SOIL VAPOR SAMPLING ANALYTICAL DATA

76 Service Station No. 6390

402 South Delaware Street

San Mateo, California

Sample ID	Sampled	Depth	2-Propanol (Leak Check Compound)	EPA TO-3	EPA - TO-14A or TO-15 or TO-15SIM																ASTM D-1946				Field Measure	
				TPPH	1,3-DCB	Benzene	Toluene	Ethylbenzene	O-Xylene	P/M-Xylene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	EDB	1,2-DCA	Ethanol	PCE	Naphthalene	Methane	Carbon Dioxide	Oxygen	Helium	Lowest He in Shroud	Calculated He Leak
			(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(%)	(%)	(%)	(%)	(%)	(%)
Indoor Air Screening Levels (residential):				590	no value	0.084	310	0.97	--	--	100	9.4	no value	no value	no value	no value	0.034	0.12	no value	0.41	0.072	--	--	--	--	--	--
Sub-Slab Screening Levels (residential):				1.18E+04	no value	1.68	6,200	19	--	--	2,000	188	no value	no value	no value	no value	0.68	2.40	no value	8.2	1.44	--	--	--	--	--	--
Indoor Air Screening Levels (commercial):				2.50E+03	no value	0.42	1,300	1,000	--	--	440	47	no value	no value	no value	no value	0.17	0.58	no value	2.1	0.36	--	--	--	--	--	--
Sub-Slab Screening Levels (commercial):				5.00E+04	no value	8.40	26,000	20,000	--	--	8,800	940	no value	no value	no value	no value	3.40	11.60	no value	42	7.2	--	--	--	--	--	--
Shallow Soil Screening Levels (Commercial)				2.50E+06	no value	420	1,300	4,900	--	--	440,000	47,000	no value	no value	no value	no value	170	580	no value	2,100	360	--	--	--	--	--	--
Atmospheric Fixed Gas Concentrations:				--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	0.00017	**0.040**	**20.95**	**0.000524**	--	--
VP-1	01/19/07	5	<7.2	<150	<4.4	<2.3	**16**	<3.2	<3.2	**8.2**		<2.6	<22	<12	<12	<12	<4.4	<3.0	<5.5	--	--	<0.00015	**0.46**	**22**	--	--	--
	02/01/07	5	<6.6	<140	<4.0	<2.1	**5.4**	<2.9	**3.5**	**6.3**		<2.4	<20	<11	<11	<11	<4.0	<2.7	<5.0	--	--	<0.00013	**0.5**	**21**	--	--	--
	08/23/13	5	--	<3800	--	<2.3	<2.7	<3.1	<3.1	<12	<15.1	<10	<8.7	<12	<12	<12	<5.5	<2.9	**15**	**19**	<37	<0.500	**1.51**	**20.3**	**0.0162**	41	0.0
	01/14/14	5	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**6.8**	<26	<0.500	**0.538**	**20.8**	<0.0100	54	0.0
VP-2	01/19/07	5	<6.8	<140	<4.2	<2.2	**3.4**	**3.2**	**13**	**3.5**	**16.5**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**33**	--	--	--
	1/19/2007*	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.00014	**0.6**	**33**	--	--	--
	02/01/07	5	<6.8	<140	<4.2	<2.2	<2.6	<3.0	**6.3**	<3.0	**6.3**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**21**	--	--	--
VP-3	01/19/07	5	<7.3	**750**	<4.5	<2.2	**13**	**14**	**29**	**42**	**71**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	<0.00015	**1.0**	**21**	--	--	--
	1/19/2007*	5	<7.3	--	<4.5	<2.4	**13**	**15**	**30**	**43**	**73**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	--	--	--	--	--	--
	02/01/07	5	**12**	**270**	<4.2	<2.2	**3.7**	**5.8**	**12**	**7.8**	**20**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**1.0**	**20**	--	--	--
	2/1/2007*	5	--	**280**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/06/07	5	**16**	<230	<6.7	<3.6	<4.2	<4.8	<4.8	<4.8	<9.6	<4.0	<34	<19	<19	<19	<6.7	<4.5	<8.4	--	--	<0.00022	**1.7**	**20**	--	--	--
	08/23/13	5	--	<3800	--	<2.1	**7.0**	**3.5**	**8.1**	**24**	**32.1**	<9.3	<7.8	<11	<11	<11	<5.0	<2.6	**22**	**56**	<34	<0.500	**2.36**	**18.2**	**0.0216**	40.6	0.1
	01/14/14	5	--	<3800	--	**2.0**	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**36**	<26	<0.500	**1.87**	**18.8**	<0.0100	46	0.0
SS-1	08/22/13	--	--	<3800	--	<1.9	<2.3	<2.6	<2.6	<11	<13.6	<8.8	<7.4	<10	<10	<10	<4.7	<2.5	**17**	**2,200**	<32	<0.500	**0.990**	**20.6**	**0.627**	46	1.4
	01/14/14	--	--	<3800	--	**5.4**	**19**	**3.3**	**4.8**	**14**	**18.8**	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**80**	**12**	<26	<0.500	<0.500	**18.0**	**18.3**	51	35.9
	02/20/14	--	--	**14,000**	--	**0.12**	**0.45**	**0.21**	**0.25**	**0.27**	**0.52**	<0.099	<7.8	<11	<11	<11	<4.9	<2.6	<12	**2,100**	**0.16**	<0.500	**1.38**	**19.7**	**0.0832**	40.3	0.2
SS-2	08/22/13	--	--	<3800	--	<2.9	**6.2**	**4.4**	**10**	**19**	**29**	<13	<11	<15	<15	<15	<7.0	<3.7	<17	**88**	<48	<0.500	**0.917**	**20.6**	**0.0380**	44	0.1
	01/14/14	--	--	<3800	--	**50**	**21**	**5.2**	**5.5**	**15**	**20.5**	**18**	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**63**	**57**	<26	<0.500	**0.788**	**20.3**	**0.0740**	49	0.2
	02/20/14	--	--	<3800	--	**0.61**	**2.3**	**0.97**	**1.2**	**3.1**	**4.3**	<0.098	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.9**	**53**	**0.20**	<0.500	**0.876**	**20.4**	**0.0459**	40.1	0.1
SS-3	08/22/13	--	--	<3800	--	<2.0	<2.4	<2.7	<2.7	<11	<13.7	<9.0	<7.6	<10	<10	<10	<4.8	<2.5	<12	**5.0**	<33	<0.500	**1.96**	**19.2**	**0.0402**	42	0.1
	01/14/14	--	--	<3800	--	**14**	**61**	<11	**23**	<43	**23**	<36	<30	**47**	<42	<42	<19	<10	**100**	<17	<130	<0.500	**2.61**	**18.3**	<0.0100	51	0.0
	1/14/2014*	--	--	<3800	--	**13**	**15**	<11	<11	<43	<54	<36	<30	<42	<42	<42	<19	<10	**120**	<17	<130	<0.500	**2.75**	**18.1**	<0.0100	49	0.0
	02/20/14	--	--	<3800	--	**0.54**	**0.54**	**0.13**	**0.14**	**0.34**	**0.48**	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.7**	**4.7**	**0.18**	<0.500	**2.28**	**19.4**	**0.0102**	40.1	0.0
	2/20/14*	--	--	**5100**		<0.085	<0.20	<0.12	<0.12	**0.15**	**0.15**	<0.096	**0.57**	<8.4	<8.4	<8.4	<3.8	<2.0	**4.1**	**5.7**	**0.15**	<0.500	**2.33**	**19.3**	<0.0100	40.1	0.0
SS-4	08/22/13	--	--	<3800	--	<2.5	<2.9	<3.4	<3.4	<14	<17.4	<11	<9.5	<13	<13	<13	<6.0	<3.2	**170**	<5.3	<41	<0.500	**1.29**	**19.8**	**0.0732**	44	0.2
	08/22/13*	--	--	<3800	--	<2.4	<2.8	<3.2	<3.2	<13	<16.2	<11	<9.0	<12	<12	<12	<5.7	<3.0	**170**	<5.1	<39	<0.500	**1.26**	**19.8**	**0.0728**	44	0.2
	01/21/14	--	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**20**	**4.5**	<26	<0.500	**1.87**	**19.6**	**0.195**	43	0.5

Notes:

<	Analyte not detected above indicated laboratory reporting limit	1,3-DCB	1,3- Dichlorobenzene	TAME	Tertiary amyl methyl ether	ETBE	Ethyl tertiary butyl ether	He	Helium
µg/m³	Microgram per cubic meter	1,4-DCB	1,4- Dichlorobenzene	TPPH	Total purgeable petroleum hydrocarbons	DIPE	Di-Isopropyl ether		
µg/L	Microgram per cubic liter	1,2- DCA	1,2- Dichloroethane	TBA	Tertiary butyl alcohol	MTBE	Methyl tertiary butyl ether		
*	Field Duplicate Sample	EDB	Ethylene dibromide	EPA	Environmental Protection Agency	PCE	Tetrachloroethene		

VOC analyses: 2007 Samples analyzed by TO-14A, 8/2013 and 1/2014 samples analyzed by TO-15, 2/2014 samples analyzed by TO-15 SIM

SS-1 through SS-4 are subslab vapor points.

Shallow gas screening levels taken from SF Bay RWQCB Table E-2

Sub-slab screening levels based on a 0.05 attenuation factor to indoor air.

Indoor Air Screening Level: Environmental Screening Level for Indoor Air Quality established by the San Francisco Regional Water Quality Control Board, Decemeber 2013

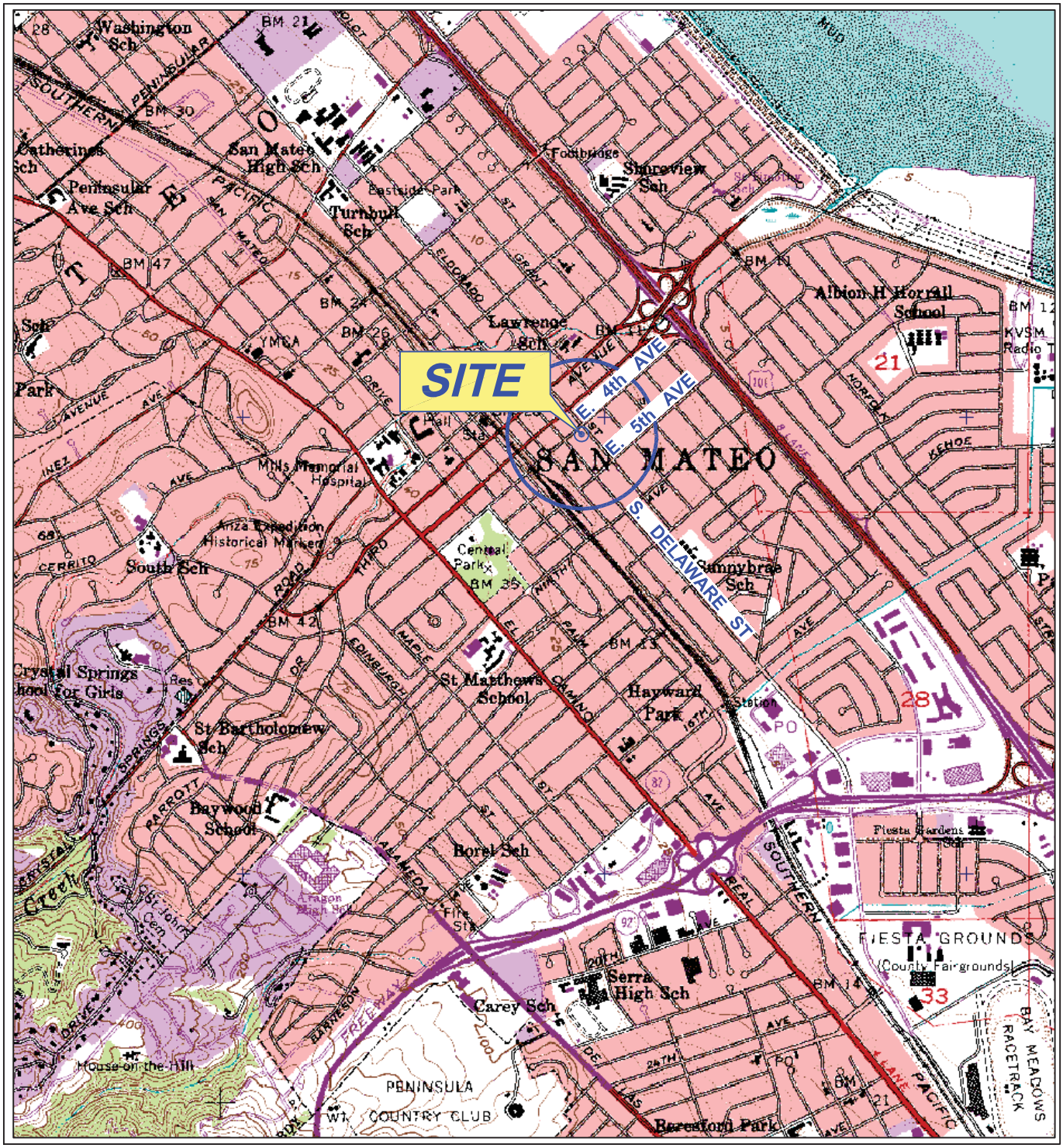
Carbon dioxide and methane atmospheric levels taken from http://cdiac.ornl.gov/pns/current_ghg.htm

Oxygen and helium atmospheric levels taken from http://nssdc.gsfc.nasa.gov/planetary/factsheet/earthfact.html

Samples collected from SS-1, SS-2 and SS-3 on 1/14/14 are believed to have been compromised from outside contaminant source, data not used in interpretation.

Figures

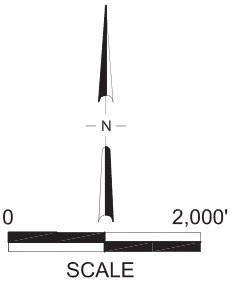
Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Extended Site Plan



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup

UTILITY EXPLANATION

- E — UNDERGROUND ELECTRICAL LINE
- W — UNDERGROUND WATER LINE
- S — UNDERGROUND SEWER LINE
- C — UNDERGROUND COMMUNICATIONS LINE
- G — UNDERGROUND GAS LINE
- TS — TRAFFIC SYSTEM LINE
- U — UNKNOWN UTILITY LINE
- AREA LIGHT

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

MW-8(A) MW-9(A) MW-10(A) BUILDING #034-185-150 BUILDING #034-185-130 BUILDING #034-185-140 BUILDING #034-185-160 BUILDING #034-185-170 SIDEWALK EAST FOURTH AVENUE DRIVE PLANTER DRIVEWAY SOUTH DELAWARE STREET LANDSCAPING S-1 S-2 FORMER SHELL STATION #034-189-080 FORMER GASOLINE USTs JIFFY LUBE FORMER WHITE GAS TANK S-3 PLANTER MW-8 MW-14B FORMER WASTE OIL TANK CAR PORT RESIDENTIAL APARTMENTS #034-189-100 (603 E 5TH AVE) SS-4 SB-4 SB-3 MW-17B MW-9 MW-1 P1 P2 P3 P4 P5 P6 D1 D2 D3 SP-6 APPROXIMATE EXCAVATION EXTENT (1992) MW-2 SW2 MW-6 MW-13B SW3 B2(16) VP-3 SW2(2.5) A2(22) SW1 SB-7 SW1(2.5) B1 A1 MW-18 VP-2 AIR / WATER SHED MW-3 VP-1 SS-2 SS-1 FORMER AND CURRENT USTs BUILDING #034-186-090 (521 E 5TH AVE) SB-6 SB-9 MW-4 MW-19 SS-3 SP4 SP5 MW-10R MW-10 MW-5 SP1 MW-21 MW-12B SP2 MW-20 MW-11 MW-15B MW-24 SB-11 IRRIGATION CONTROL BOX HOIST (TYP.) 76 STATION #6390 FORMER WASTE OIL TANK TW-1 SB-5 WO-1 MW-22 SB-8 VR OWS-S-4.5 FORMER OIL/WATER SEPARATOR SUBSLAB ELECTRIC BOARD BUILDING #034-186-080 RESIDENTIAL BUILDING #034-186-070 MW-7 MW-23 SB-1 MW-2(E) CLAREMONT STREET RESIDENTIAL BUILDING BUILDING #034-186-060 SP7 EAST FIFTH AVENUE RESIDENTIAL #033-282-470 RESIDENTIAL RESIDENTIAL RESIDENTIAL #033-283-010

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

N

0 40'

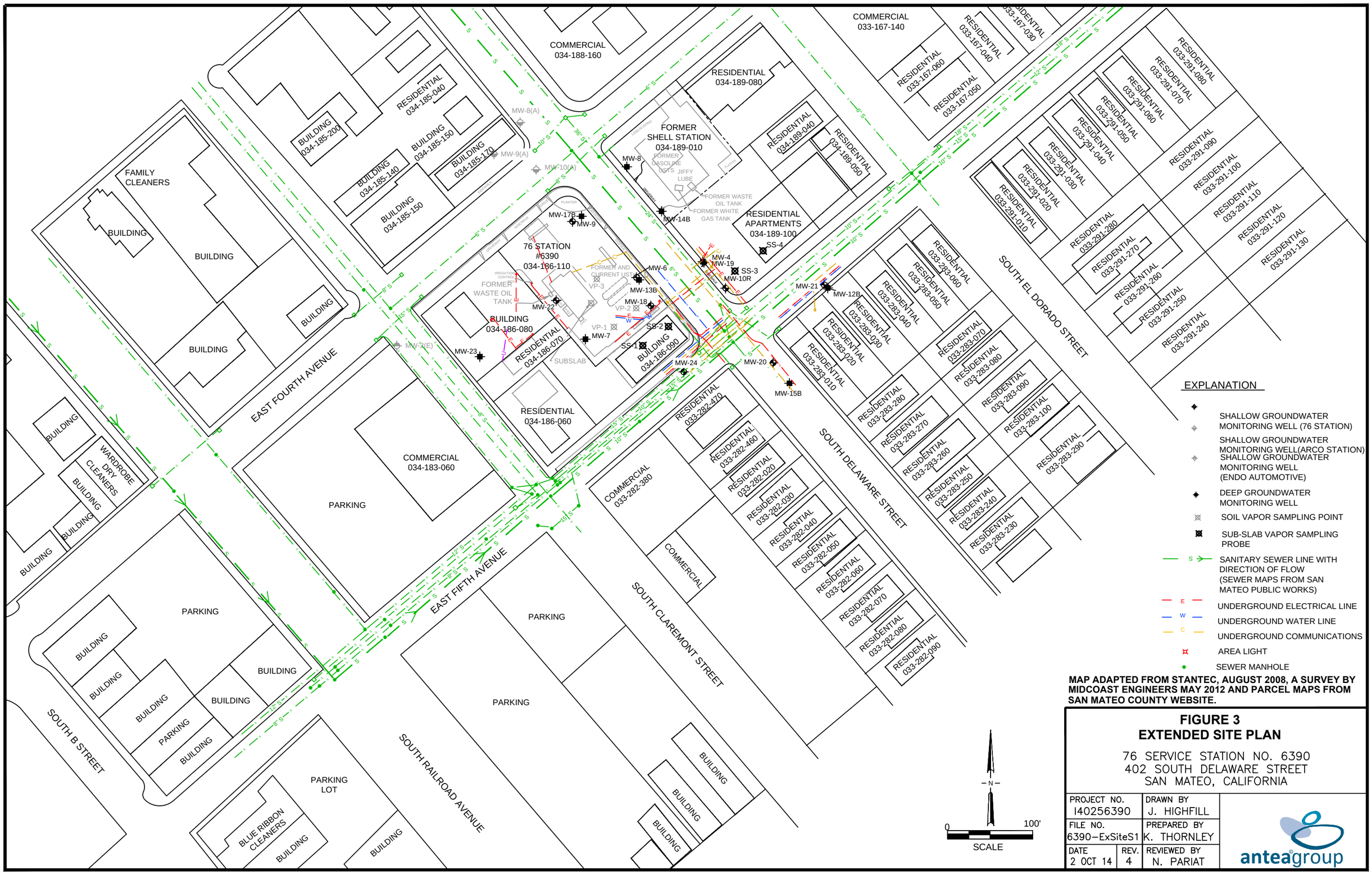
SCALE

FIGURE 2
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS		PREPARED BY K. THORNLEY	
DATE 24 JUL 14	REV. 7	REVIEWED BY N. PERIAT	

antea group



MAP ADAPTED FROM STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

FIGURE 3
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390–ExSiteS1		PREPARED BY K. THORNLEY	
DATE 2 OCT 14	REV. 4	REVIEWED BY N. PARIAT	

antea group

Appendix A

Correspondence

HEALTH DEPARTMENT

January 30, 2008

SMCo Site #110069
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for the February 28, 2007, assessment report and the unsolicited July 9, 2007, work plan prepared by SECOR International Incorporated. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of this work plan and the project file.

Assessment Report

The site history section is very informative. However, our records indicate the capacity of the waste oil UST removed in 1992 was 550 gallons, the sample from MW-4 at 15 feet below grade (fbg) contained 600 mg/kg TPH-gas, and California Department of Water Resources (DWR) well records were reviewed in June 1996 for the presence of water supply wells within 0.25 mile of the subject site. Please consider this information in preparing the background section of future reports.

The tables are very useful. However, Table 1 lists an incorrect tetrachloroethene (PCE) concentration for Footnote A (should be 0.0064 mg/kg) and the sample name listed for A2 and B2 does not match what is shown on report figures. Table 2 identifies Boring SP4 as SP-3 and does not indicate the proper sample name of SP1 and SP2 (no dash was used by the sampling consultant). In addition, Tables 1 and 4 incorrectly identify Borings SP-6 through SP-8 as SB-6 through SB-8. Please ensure future tables listing this information address these observations.

GPP staff could not establish the groundwater sampling depth for Borings SP-5 through SP-8. Sections 3.8 of the report and the field procedures in Appendix B indicate a hydropunch sampler was emplaced across to the "desired" sampling depth. However, this sampling depth was not identified. Sections 3.4 of the report and the boring logs in Appendix C do not indicate the depth interval occupied by the hydropunch (the logs indicate the total depth of Borings SP-5 through SP-8 was between 28 and 34 fbg and groundwater equilibrated in these borings at approximately 15 fbg). Hence, GPP staff cannot establish whether the groundwater samples from these borings were collected from a discrete interval (which was not identified) or represent a mixture of groundwater between approximately 15 fbg and 34 fbg. Therefore, please upload to the State GeoTracker database by **March 25, 2008**, a letter clarifying the groundwater sample collection depth in Borings SP-5 through SP-8.

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FEB 4 2008
By

The depth to the top of the screened interval in MW-7 and MW-8 is less than the depth to groundwater. Although this construction inhibits assessment of first groundwater, it does not appear first groundwater is significantly impacted in these areas based on the laboratory results from the analysis of soil samples collected from the well boring.

The laboratory results from the analysis of subsurface vapor samples suggests hydrocarbon-affected soil and groundwater do not pose a significant indoor air inhalation risk to site occupants. However, the report indicates these samples were collected within 3 days of the area receiving 0.16 inch of precipitation. GPP staff will accept these results because this precipitation amount was below the threshold listed in the soil gas advisory document prepared by the Department of Toxic Substances Control and Los Angeles RWQCB, as argued by SECOR. However, these agencies are currently revising this document which may affect the use of these results.

The historical laboratory results from the analysis of soil samples indicate hydrocarbon-affected soil in the unsaturated zone is not a concern at this site. A comparison of the laboratory results from the analysis of soil samples collected from MW-2 and MW-6 also indicates potential degradation of residual hydrocarbons in saturated zone soils adjacent to the northeast side of the fuel UST cavity.

The report concludes with recommendations to further assess the extent of dissolved-phase hydrocarbons. Our comments on these recommendations are discussed in the following section because they were incorporated into the work plan.

Work Plan

The work plan proposes to remove the subslab vapor sampling probe, destroy the vapor sampling wells, and install seven groundwater monitoring wells to assess the lateral and vertical extent of dissolved-phase fuel hydrocarbons and PCE. GPP staff approve the destruction of the subslab probe and vapor wells and the installation of proposed wells MW-10, MW-11, and MW-13B with the following conditions:

- Evaluate whether the vapor sampling points should be destroyed at this time because they may be needed for future vapor sampling (e.g. change to DTSC soil gas advisory) or remedial testing/monitoring (the Cleanup Fund may not reimburse the cost to reinstall these points if the existing points can be used for other environmental purposes);

- Ensure wells MW-10 and MW-11 are screened across the water table to a sufficient depth to provide useful assessment data without cross-connecting permeable strata to a detrimental degree (constructing these wells like MW-9 may not yield useful data);

- Additionally analyze soil samples collected >20 fbg from MW-13B to assess the vertical extent of the smear zone not assessed by the sampling of MW-6;

- Evaluate using the results of the DWR water supply research performed in June 1996 for the proposed receptor survey;

- Additionally identify the type and location of identified receptors on the figure(s) prepared for the sensitive receptor survey; and

- Submit to the State GeoTracker database by **September 10, 2008**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation

The portion of the work plan proposing to research the source of the PCE and install Monitoring Wells MW-12B and MW-14B through MW-16B does not appear justified. Our reasons for this conclusion are provided in the following paragraphs.

Researching the source of the PCE in groundwater does not appear necessary because it does not appear the subject site was the source of the PCE. This conclusion is based on the PCE concentration in soil sample WO1 (below Environmental Screening Level) and the distribution of PCE in groundwater (does not agree with the distribution of fuel hydrocarbons).

It does not appear proposed monitoring wells MW-12B and MW-14B are necessary. MW-12B does not appear warranted based on the laboratory results from the analysis of groundwater samples from deeper screened MW-1 when depth to groundwater was below the silty gravel layer logged in MW-9. MW-14B does not appear necessary based on the laboratory results from the analysis of soil and groundwater samples from MW-8, length of screened interval in MW-8, and location of MW-8 relative to the source area (fuel UST cavity) and pattern of contamination. However, GPP staff could support collecting depth discrete groundwater samples near SP4 because SP4 was only drilled to 13 fbg (less than the depth of soil impacts identified in the saturated zone of SP-5 and MW-4 and MW-5).

GPP staff cannot support the installation of proposed wells MW-15B and MW-16B until the depth of the groundwater impact near Borings GP-5 through GP-8 is identified and the postulated uniqueness of the shallow and slightly deeper water bearing zones has been demonstrated (i.e. establishing whether the 1.5-foot-thick silt/clay layer logged below 15 fbg in SP-5, SP-6, and SP-8 effectively separates communication between the sands and gravels logged on each side of this stratum). Please discuss in the letter due by March 25, 2008, whether screening a well across this silt/clay layer will negatively impact the quality of groundwater monitoring data or the aquifer, and either support the proposed work or justify alternatives. Please note, if the depth of hydrocarbon-affected groundwater in SP-8 can be identified and is

significantly below the water table, then GPP staff could support installing up to two monitoring wells near SP-8 (one to assess the depth of identified impact and the other to assess groundwater near the water table [appears affected based on laboratory results of soil samples from 19.5 fbg]). However, if the depth of groundwater impact in GP-5 through GP-8 cannot be established, then GPP staff could only support installing one monitoring well near SP-8 to assess groundwater in the uppermost saturated zone and the drilling of borings near SP-8 and MW-11 to determine the vertical extent of dissolved-phase hydrocarbons below the water table (an objective of the previous work).

Please note, ConocoPhillips can implement the proposed work not considered necessary by GPP staff because it does not appear to pose a risk to public safety. However, GPP staff cannot recommend the UST Cleanup Fund reimburse the cost of this work without justification.

GeoTracker Compliance

GPP staff had to deny GeoMap Confirmation 4861744761 for the reasons discussed in the denial. Please upload a correct version of this file within **45 days**. It appears all other required GeoTracker files have been uploaded.

Please call me at (650) 363-4972 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: Sunil Ramdass, SWRCB UST Cleanup Fund, P.O. Box 944212, Sacramento, CA 94244-2120
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Diane Barclay, SECOR, 3017 Kilgore Road, Suite 100, Rancho Cordova, CA 95670

SAN MATEO COUNTY
HEALTH SYSTEM

June 25, 2009

SMCo Site #110069 / RO534
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for the September 8, 2008, assessment and sensitive receptor survey report and associated addendums, and the April 23, 2009, groundwater monitoring report prepared by Stantec Consulting Company (Stantec). The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Assessment and Sensitive Survey Receptor Report

GPP staff consider this report one of the best reports we have received regarding the topics covered. We appreciate the concise detail and the manner in which the information was presented. The report greatly assists in identifying the environmental drivers at the subject site.

The greatest concentrations of tetrachloroethene (PCE) were reported in wells MW-12B and MW-13B located downgradient of the former waste oil tank and low levels of PCE were reported in the 1992 soil sample collected from the waste oil tank cavity. Therefore, assessing the origin of the PCE, as previously recommended by Stantec, now appears warranted. Please identify the former and existing use of the parcels bounded by East Fourth and Fifth Avenue and South Delaware Street and South Claremont Street, incorporate these findings into a workplan that details and justifies a scope of work to assess the origin of this PCE, and upload the workplan to the State GeoTracker database by **December 31, 2009**. Please note, the PCE concentrations in the groundwater samples from MW-12B and MW-13B exceed the Regional Water Quality Control Board (RWQCB) residential land use Environmental Screening Level (ESL) for inhalation concerns. Therefore, assessing the inhalation risk of this PCE appears warranted; however, we will postpone our decision to require ConocoPhillips to perform this work pending our review of the results of the PCE source investigation work.

The report indicates remediation may be necessary near MW-6 if the dissolved-phase hydrocarbon concentrations in this well remain near the levels reported. Therefore, please consider incorporating into the workplan required above a scope of work to assess the lateral extent of residual hydrocarbons in saturated zone soils approximately 15 feet northeast and east of the existing fuel UST cavity. This information would not only assist in identifying the target

treatment zone of remediation, but may demonstrate significant residual impact to saturated zone soil is limited to the northeast end of the fuel UST cavity (i.e. remediation not warranted providing other RWQCB low-risk case closure criteria are satisfied).

Monitoring Report

The monitoring results support the upward component to groundwater flow concluded in the September 2008 assessment report. Please continue to report on the vertical gradient.

The report indicates a portion of the TPH concentrations in some samples are from PCE eluting in the TPH analytical range. Please consider footnoting the analytical results table in future reports to indicate this condition. Please also analyze the groundwater samples for halogenated volatile organic compounds unless ConocoPhillips can demonstrate the PCE did not originate from the subject site.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, P.G.
Hazardous Materials Specialist
Groundwater Protection Program

cc: GeoTracker
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Diane Barclay, Stantec (via Diane.Barclay@stantec.com)

SAN MATEO COUNTY
HEALTH SYSTEM

August 9, 2010

SMCo Site #110069 / RO534
APN: 034-186-110

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: CONOCOPHILLIPS 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Lathrop:

Thank you for uploading to the State GeoTracker database the following documents prepared by Delta Consultants: 1) workplan dated December 31, 2009, and 2) groundwater monitoring report dated May 14, 2010. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Workplan

It does not appear the workplan will adequately assess the extent of the smear zone impact surrounding the fuel UST cavity and the origin of the tetrachloroethene (PCE) reported in groundwater samples (the objectives of the work). Proposed Monitoring Well MW-19B may confirm what we already know (that significant hydrocarbons exist in smear zone soils adjacent to the fuel UST cavity) and a well at this location does not appear justified based on the proximity of existing MW-6 and MW-13B (a boring in Delaware Street and perhaps in the eastern corner of the site may satisfy the objective). It also does not appear that proposed onsite Monitoring Wells MW-16B through MW-18B would cost-effectively assess the origin of the PCE in groundwater. The workplan identified potential PCE sources upgradient of the subject site (e.g. Wardrobe Cleaners; Figure 3 in Attachment C). Therefore, installing three monitoring wells onsite does not appear useful or necessary when it has not been established whether ConocoPhillips is responsible for the PCE (upgradient grab groundwater samples appear more appropriate at this time). We could support proposed MW-16B, but only if the PCE concentrations reported in upgradient grab groundwater samples approximated acceptable laboratory reporting limits (would support a ConocoPhillips source for the PCE). Therefore,

given the foregoing discussion, please upload to the State GeoTracker database by **October 29, 2010**, a revised workplan that will satisfy the objectives of the investigation.

The workplan indicates perched groundwater exists at this site. Please note, no justification has been provided to GPP staff to demonstrate a perched groundwater zone exists at the subject site. Please also note, the information referenced in Appendix G is not complete.

Groundwater Monitoring Report

The sampling and monitoring information table on the top of Page 3 of the report indicates the nearest water supply well is 250 feet northwest of the site. This is incorrect. Please refer to the previous receptor survey reports (2008 and 1996) for the location of nearby water supply wells.

The report indicates the wells were re-sampled in March 2010 because samples were not collected for halogenated volatile organic compound (HVOC) analysis during the normal monitoring event in January 2010. Except for the sampling of MW-9 and MW-11, the UST Cleanup Fund may only reimburse the laboratory costs for the March 2010 event because HVOC analyses were required in our letter dated June 25, 2009.

The report indicates MW-10 dewatered during purging. Please reduce the purging rate for this well to minimize potential dewatering. If the well dewaters during the next monitoring event, then please collect a "no-purge' sample from this well during subsequent monitoring events and denote the sample collection method on the appropriate report table(s).

The report references elevations to mean sea level. Please note, the well casing elevations for the subject site were referenced to North American Vertical Datum-1988 which is not equivalent to mean seal level. The elevation notes on report tables also do not concur with the GeoZ files in the State GeoTracker database.

The report states an upward hydraulic head potential existed between MW-6 and MW-13B on January 18, 2010. This conclusion appears to apply to March 2010 based on the groundwater elevations listed in Table 2. Please note, conclusions regarding hydraulic head differential may be limited when the differential (0.01 foot in January 2010) approximates the accuracy of well gauging. Please also note, some of the dates and groundwater elevations listed in Table 2 for MW-10 and MW-11 are incorrect.

The Blain Tech Services purging and sampling procedures in Attachment B differ from the purging and sampling procedures used before environmental responsibilities were recently transferred to Delta Consultants. The previously approved procedures should be used unless the Registered Professional can justify changes prior to implementation.

It appears the groundwater monitoring at the subject site can be reduced to annual frequency following the Third Quarter 2010 event. Please implement this change unless the Registered Professional can justify the greater frequency.

Closing Comments

It is our understanding ConocoPhillips may have sold the subject site and perhaps their environmental liability; however, we have not received any correspondence confirming that this has occurred. Please note, even if this transaction has been finalized, GPP staff will still consider ConocoPhillips the Primary Responsible Party for the release currently being assessed. While ConocoPhillips' may enforce the assignment of their environmental responsibility in the courts as a civil matter, such assignment does not legally relieve ConocoPhillips of their Responsible Party status under the California Health and Safety Code. Therefore, we will continue to address our letters to ConocoPhillips and, as a courtesy, copy our letters to Delta Consultants.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Gregory J. Smith, PG, REHS
Supervisor
Water Protection Programs

cc: Stat GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Douglas Umland, Delta Consultants (via DUmland@deltaenv.com)

SAN MATEO COUNTY
HEALTH SYSTEM

February 8, 2011

SMCo Site #110069 / RO534
APN: 034-186-110

Eric Frohnapple
Chevron Environmental Mgmt. Company
6111 Bollinger Canyon Road, Room 3612
San Ramon, CA 94583

Shelby Lathrop
Risk Management & Remediation Group
ConocoPhillips
76 Broadway
Sacramento, CA 95818

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Frohnapple and Ms. Lathrop:

Thank you for uploading to the State GeoTracker database the October 29, 2010, revised workplan prepared by Delta Consultants (now Antea Group). The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of the workplan and the project file.

The most recent groundwater monitoring information referenced in the workplan was August 2008; however, monitoring data through July 2010 was available at the time the workplan was written. Please ensure all available and pertinent data is used to prepare documents.

Section 6 of the workplan states analysis of groundwater samples for tetrachloroethene (PCE) was discontinued based on the GPP staff letter dated January 30, 2008. Please note, our more recent letter dated June 25, 2009, reinstated groundwater analysis for PCE because of the PCE concentrations reported in newly installed Monitoring Wells MW-12B and MW-13B. We reiterated this requirement in our letter dated August 9, 2010.

Proposed Borings SB-1 through SB-7 and proposed Monitoring Well MW-17B are approved with the following conditions:

- Consider relocating proposed SB-5 between Sample WO-1 and the building located on the eastern corner of East Fourth Avenue and Claremont Street (would help assess the property between the former waste oil UST and proposed SB-1 through SB-4);
- Use site well gauging data in determining the depth to groundwater in the borings;
- Ensure the temporary pre-packed screen is installed across an appropriate interval for PCE assessment in groundwater and is removed prior to grouting (these procedures were not discussed in the workplan and the field procedures are for hydropunch™ sampling);

- It does not appear necessary to use conductor casing during the installation of MW-17B given the contaminant concentrations reported, the proposed well construction, and the minimal time it will take to construct the well;

- Postponing the drilling of MW-17B at 16 feet below grade (fbg) in order to sample groundwater at the water table does not appear necessary because nearby MW-9 provides some monitoring data on this portion of the saturated zone;

- Settle the filter pack prior to installing the sanitary seal of MW-17B;

- Attempt to coordinate the collection of groundwater samples from MW-17B with the first quarter 2011 groundwater monitoring event;

- Consider limiting the soil samples submitted for laboratory analysis from SB-6 and SB-7 to those collected between 10 and 25 fbg unless sample screening indicates otherwise (samples from 5 and 30 fbg do not appear necessary based on historical data); and

- Submit to the State GeoTracker database by **July 28, 2011**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

The report must indicate how investigative derived wastes were disposed and include scaled figures (base-10 preferred) and data analytical tables sufficient to support conclusions regarding contaminant extent, stability, and risk. It would be beneficial if at least one figure identified all sampling locations to date and the report included tables summarizing historical gauging data and the laboratory results of all soil, groundwater, and subsurface vapor sampling analyses performed to date (one table for soil, one for groundwater, and one for vapor is preferred). It would also be beneficial if each table indicated the date and depth of sample collection, as appropriate, and the proper field point name (FPN). FPNs must be consistent between text, figures, tables, and boring logs. Please note, the scale shown on Figure 3 is incorrect. Please ensure the correct scale is shown on the figures in the investigative report.

Closing Comments

GPP staff cannot at this time support the proposed installation of MW-16 and MW-16B. We do not support MW-16 because: 1) it has not been established the PCE originated from the 76 station; 2) the proposed screen interval may result in a typically dry well like MW-9; and 3) the well does not appear necessary for the assessment of the fuel release based on the soil sampling results from D3, P5, P6, and SP-6. We do not support MW-16B because it appears MW-14B is sufficient to assess the dissolved-phase PCE in this area.

Please note, the 0.0064 mg/kg PCE concentration reported in soil Sample WO-1 at 8 fbg does not demonstrate the former waste oil UST leaked PCE. This sample is within the reported interval of groundwater fluctuation; therefore, it is possible the PCE in this sample originated

from PCE-affected groundwater migrating from an upgradient source. We hope the proposed investigation will clarify this issue.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Specialist
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

San Mateo County
Health System

November 22, 2011

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group recently uploaded the following documents to the State GeoTracker database: 1) assessment report dated July 28, 2011; 2) addendum to the assessment report dated August 10, 2011; 3) revised laboratory report dated September 2, 2011; and 4) an unsolicited workplan dated August 9, 2011. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

PCE and Gasoline Assessment Report

The GeoBore and GeoWell files for the investigation have not been uploaded to the State GeoTracker database as required by State regulations. Please **immediately** upload these files to complete the investigation (the deadline was July 28, 2011). Please also ensure the GeoBore file for MW-17B lists the proper casing diameter (incorrectly listed on boring log in Appendix H).

The well screen listed for MW-15B on Table 1 and the TPPH concentrations listed on the vapor results table in Appendix D are incorrect. In addition, the historical groundwater results tables in Appendix E do not include the historical grab groundwater sampling results and a significant amount of solvent results from the monitoring wells. Please ensure future data tables are accurate and complete. Please also consider adding recent and future investigative results to the appropriate portion of the historical results tables to assist the evaluation of site conditions.

Cross-Section A-A' (Figure 6A) is very informative. However, it does not show the location of the former Unocal waste oil UST (potential PCE source area) and the soil textures shown adjacent to Boring SB-6 and MW-4 appear to conflict with those shown on the boring log. Please ensure future cross-sections consider these observations.

Section 3.2 states the site is located in the South Bay groundwater basin. Please note, the site is within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area (watershed) according to the Regional Water Quality Control Board (RWQCB).

Section 3.3 states an aquitard has been identified at approximately 25 feet below grade (fbg) and a deeper groundwater bearing zone has been reported beneath this aquitard from 13 to 18.5 fbg. This statement does not make sense. Please ensure future reports discussing hydrologic conditions clarify what is meant by this statement.

The report indicates a number of soil samples collected from Borings SB-1, SB-3, SB-4, SB-5, and MW-17B were analyzed for TPPH, BTEX, fuel oxygenates, and halogenated volatile organic compounds (HVOCs). These analyses were not required by GPP staff, nor were they proposed in the October 29, 2010, workplan approved in our letter dated February 8, 2011. Only the analysis of the soil samples collected from SB-5 at ≥15 fbg appears justified because no groundwater samples were collected from this boring. Therefore, we cannot recommend the UST Cleanup Fund reimburse the cost to analyze the soil samples from SB-1, SB-3, SB-4, and MW-17B.

Section 5.1 indicates all boreholes except SB-6 were air-knifed to 5 fbg. Although we don't anticipate PCE-affected soil at 5 fbg, future data tables should nevertheless indicate via footnote that air-knifing may have affected the volatile organic compound content of the 5 foot samples.

The results of the investigation indicate a PCE source exists upgradient of the site. However, we cannot establish whether the former waste oil UST at the Unocal site contributed to the PCE plume (one of the objectives of the investigation) because: 1) the groundwater PCE results in upgradient Borings SB-1, SB-3, and SB-4 and T. Endo Automotive well MW-2 are 12 to 242 times less than the PCE concentration reported in MW-13B which is located downgradient of the former Unocal waste oil UST; 2) no groundwater sample was collected from SB-5 to determine whether the former gasoline station on the parcel immediately west of the site may have contributed to PCE reported in MW-13B; and 3) upgradient Borings SB-1, SB-3, and SB-4 were drilled to 30 fbg (approximately 15 feet below the depth to groundwater) and groundwater samples were only collected from the lower 5 feet of these borings instead of the lower 10 feet proposed in the approved workplan (i.e. we cannot establish if first groundwater in SB-1, SB-3, and SB-4 contains greater PCE concentrations which may eliminate Unocal as a potential PCE source). Therefore, we do not concur with the recommendation to discontinue further PCE assessment (refer to the additional assessment discussed in the workplan section of this letter).

The report refers to "A" and "B" zone groundwater and indicates the groundwater in the "A" zone is perched (Sections 6.1 and 8.0). No justification has been provided to demonstrate first groundwater is perched. This appears to be an artifact from older reports.

The report compares the laboratory results from the analysis of soil samples collected from the saturated zone to RWQCB Environmental Screening Levels (e.g. Section 6.2.1 and 6.2.2). Please note, the soil ESLs established by the RWQCB only apply to soil samples collected from the unsaturated zone.

It appears the vertical extent of gasoline-affected soil and fuel impact to deeper groundwater has been adequately assessed based on the laboratory results from the analysis of soil and

groundwater samples. However, the lateral extent of fuel hydrocarbons in first groundwater has not been assessed east and southeast of MW-6 and SB-7. The elevated fuel hydrocarbon concentrations in the groundwater from SB-7 and the drilling depth indicate first groundwater near this boring may contain non-aqueous phase liquid. In addition, the fuel hydrocarbon concentrations reported in the SB-6 groundwater sample may underestimate fuel hydrocarbon impact to first groundwater because this boring was drilled approximately 15 feet below the depth to groundwater and the groundwater sample was collected from the lower 5 feet of the boring (soil sample laboratory results, PID screening, and a comparison of the dissolved-phase hydrocarbon concentrations in MW-6 and MW-13B indicate the sampling depth of this groundwater sample should not have exceeded 20 fbg). Therefore, GPP staff are requiring additional assessment of fuel hydrocarbons in first groundwater east and southeast of the fuel UST cavity (discussed in the workplan section of this letter).

The report recommends preparing a remedial action investigation workplan to mitigate hydrocarbons in the vicinity of MW-6, but not within Delaware Street. GPP staff cannot concur with this recommendation at this time because: 1) the need for remediation has not been justified; 2) the value of mitigating hydrocarbons within only a 6-foot-interval between the fuel UST cavity and Delaware Street was not justified; 3) the extent and impact of fuel hydrocarbons in first groundwater has not been assessed east and southeast of the fuel UST cavity; and 4) the potential contribution of PCE from the Unocal site has not been established. These factors affect the need and scope of remediation (please refer to workplan section of this letter for additional required assessment). Please note, remediation may not be necessary if the gasoline release is the only driver for the Unocal site and the fuel impact does not contain NAPL, is limited to under the street, is stable, does not pose a significant risk to human health and environment, and will degrade to RWQCB water quality objectives within a reasonable time.

The well purging field procedures discussed in Appendix G and used for MW-17B (Appendix G) were not the procedures proposed by Antea in their November 2010 groundwater monitoring report and conditionally approved in our letter dated December 2, 2010. No justification was provided for deviating from the approved protocol. Please ensure sampling is performed in accordance with approved protocols unless the report justifies the deviation(s).

Addendum to Assessment Report

The addendum recommends adding MW-17B to the groundwater monitoring program. GPP staff concur with this recommendation. Please note, however, it is not necessary to recommend adding a new well to the groundwater monitoring program. This action is expected when we approve the installation of the well(s).

The addendum also recommends increasing the frequency of groundwater monitoring from annual to semi-annual in order to build an adequate data set in a reasonable amount of time. GPP staff can support semi-annual monitoring of MW-6 (increasing benzene concentrations) and of MW-12B and MW-13B (elevated PCE impacts), but not semi-annual monitoring of the other

wells because only minor impacts have been reported in the other wells. However, we support semi-annual monitoring of future wells installed east and southeast of the fuel UST cavity to monitor first groundwater (refer to the workplan section of this letter).

Revised Laboratory Report for the Assessment Report

The revised laboratory report pertains to the analysis of the soil samples from Borings SB-1, SB-3 through SB-5, SB-7, and MW-17B and the analysis of the groundwater samples from SB-1, SB-3, SB-4, and SB-7. The report adequately explains the impact of all data qualifiers on the laboratory results except qualifiers S0 and S5 (only indicate surrogate recoveries were outside of laboratory control limits). Please **immediately** upload to the State GeoTracker database a letter prepared by the laboratory indicating the impact of qualifiers S0 and S5 on the integrity and use of the laboratory results. Any unrepresentative results should be appropriately identified on future analytical tables by an appropriate footnote.

Unsolicited Workplan

GPP staff concur with the proposal to destroy MW-10 and install replacement well MW-10A. However, we do not concur with the proposal to screen MW-10A between 9 and 17 fbg. It appears MW-10A should be screened from 6 to 21 fbg based on the depth to groundwater reported in former MW-5, the PID screening and soil sampling results in Borings SB-6 and SB-7, and a comparison of the soil and groundwater sampling results from MW-6 and MW-13B. GPP staff are more concerned with adequately evaluating potential hydrocarbon impact to first groundwater than potentially spreading relatively low BTEX and MTBE concentrations a few feet deeper into strata having similar groundwater use and that are already impacted by PCE. Moreover, the PID screening and soil sampling results from SB-7, MW-6, and MW-13B do not suggest the silt logged in MW-5 at approximately 15 fbg is serving as a barrier to the vertical migration of fuel hydrocarbons. The following additional conditions apply to the proposed work:

- Install a monitoring well to assess first groundwater immediately southeast of SB-7 (a screen between pproximately 6 and 21 fbg appears reasonable);

- Collect a grab groundwater sample or install a monitoring well to assess first groundwater near MW-4 (the depth of the groundwater sample from SB-6 may have underestimated the fuel hydrocarbon impact to first groundwater);

- Collect grab groundwater samples at SB-5 and immediately east of Sample WO-1 to assess the PCE content of first groundwater and thedepth monitored by MW-13B;

- Screen the soil samples with an appropriate photoionization detector;

- Base the texture of well filter pack on the texture of the soil logged opposite the screened interval and also settle the filter prior to installing the bentonite seal;

- Upload to the State GeoTracker database by **May 2, 2012**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

The report must indicate how investigative derived wastes were disposed and include scaled figures (base-10 preferred) and data analytical tables sufficient to support conclusions regarding contaminant extent, stability, and risk. It would be beneficial if at least one figure identified all sampling locations to date and the report included tables summarizing historical gauging data and the laboratory results of all soil, groundwater, and subsurface vapor sampling analyses performed to date (one table for soil, one for groundwater, and one for vapor is preferred). It would also be beneficial if each table indicated the date and depth of sample collection, as appropriate, and the proper field point name (FPN). FPNs must be consistent between text, figures, tables, and logs.

Please note, the UST Reimbursement Fund may not reimburse the cost to destroy MW-10, install MW-10A, and collect the grab groundwater samples near SB-5. This is because the initial work to perform these tasks did not satisfy the objective of the investigation.

Closing Comments

It is not necessary to name borings and wells by the FPN listed in the workplan. This leads to FPN gaps if the proposed borings/wells were not installed (e.g. SB-2 and MW-16B), which may confuse future reviewers of the file (i.e. they may think SB-2 and MW-16B were installed because site plans show borings or wells of greater number (SB-3 through SB-7 / MW-17B). Please consider naming borings and wells in a logical sequence when they are installed.

Please call me at (650) 372-6292 if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Ed Ralston, ConocoPhillips (via Ed.C.Ralston@conocophillips.com)
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

San Mateo County
Health System

January 29, 2013

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group uploaded the following documents to the State GeoTracker database: 1) assessment report dated July 6, 2012; 2) groundwater and subsurface vapor assessment workplan dated September 7, 2012; and 3) groundwater monitoring report dated November 15, 2012. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Assessment Report

Section 3.5 of the report and the well construction details indicate #3 sand was used for the filter pack of monitoring wells MW-10R, MW-18, and MW-19. A #3 filter pack certainly does not appear appropriate for MW-10R given the texture of the logged soil. Page 4 of our letter dated November 22, 2011 required filter pack size to be based on the texture of the formation opposite the screened interval. Therefore, we may require replacement of these wells if future problems with siltation or remedial effectiveness should occur.

Section 4.1 of the report states no groundwater is present <21 feet below grade (fbg) within the western portion of the site, which is why only deeper groundwater samples were collected from Borings TW-1 and SB-8. However, the depth to groundwater reported in TW-1 and SB-8 and within site wells suggests groundwater is present at approximately 15 fbg (smearing or compaction of fines from the drilling process may have inhibited groundwater from accumulating in the borehole). Installing a shallow monitoring well near at least Boring SB-8 will resolve this problematic issue (discussed in the workplan portion of this letter) and satisfy the assessment of first groundwater in this area that was required in our November 2011 letter.

Section 5.o of the report does not demonstrate Pace lab qualifiers E and S5 do not affect the use of the data. Please upload to GeoTracker by **March 29, 2013**, a letter from the laboratory demonstrating these qualifiers do not affect the use of the qualified results (concluding they don't without justification is not sufficient).

GPP staff do not consider it reasonable for the isoconcentration lines on Figures 5 and 6 to close west, northeast, and southeast of the fuel UST cavity. Results obtained from the deeper screened monitoring wells should not be used to determine where to close these lines because the investigation demonstrated the greatest fuel hydrocarbon concentrations occur in groundwater <21 fbg and no groundwater sampling data from <21 fbg has been collected west and northeast of the fuel UST cavity and south of MW-10R.

Table 2 does not define the abbreviations used for the halogenated organic compounds listed in the column headings, nor does it define the asterisk footnote. Please ensure this is addressed in future versions of this table. It appears the asterisk footnote denotes samples where the reported volatile organic compound concentrations may not be representative of in-situ conditions because an air-knife was used to clear the borehole prior to sampling.

The site history data in Appendix C is not complete and contains some incorrect data. Please incorporate the following comments into future discussions of site history: 1) two holes were observed in the waste oil UST after its removal; 2) Pacific Environmental Group only identified one well within 0.25 mile of site in June 1996 (a cathodic protection well); and 3) Delta is not awaiting GPP staff approval to implement the October 2010 workplan.

The report concludes the tetrachloroethene (PCE) in deeper groundwater (chiefly >21 fbg) did not originate from site activities because soils beneath the former waste oil tank did not contain PCE and relatively low levels of PCE were reported in groundwater sample SB-8. GPP staff consider this conclusion flawed because PCE was in fact reported in a sample of unsaturated zone soil beneath the waste oil UST (Sample WO1; refer to the laboratory report in the report dated November 24, 1992 – incorrectly reported on Table 2 of assessment report). Furthermore, the grab groundwater sample from SB-8 does not explain why the greatest PCE concentrations in groundwater occur in the deeper screened wells downgradient of Unocal's former waste oil tank cavity (MW-7, MW-12B, MW-13B, and MW-15B). Therefore, at this time, it appears activities at the subject site have contributed to the neighborhood PCE plume in concentrations exceeding water quality objectives.

Workplan

The workplan proposes to install two shallow groundwater monitoring wells and two depth discrete subsurface vapor sampling wells. GPP staff approve the proposed installation of the groundwater monitoring wells with the following conditions:

- Install an additional monitoring well screened from 6 to 21 fbg adjacent to the north side of Boring SB-8 to complete the shallow groundwater assessment near the former waste oil UST (an uncompleted objective of the previous assessment). This well will also provide data to assess the lateral extent of dissolved-phase hydrocarbons west of the fuel UST cavity;

- Consider installing a well screened from 21 to 31 fbg near Boring SB-1 to potentially clarify the contribution of PCE from the subject site (T. Endo Automotive Well MW-2 may not be useful for this purpose because the top of the screened interval is 15 fbg [potential dilution compared to data from wells screened >21 fbg]);

- Base the size of the well filter pack on the texture of the formation opposite the screened interval;

- Attempt to coordinate the sampling of these new wells with the First Quarter 2013 groundwater monitoring event; and

- Upload to the State GeoTracker database by **July 18, 2013**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

GPP staff concur subsurface vapor sampling is appropriate, but not from the vapor sampling wells proposed in the workplan. The vapor sampling wells are proposed in landscaped planters adjacent to building foundations and paved areas. Hence, the samples obtained from these wells may underestimate the potential vapor intrusion impact to building occupants because of the physics of subsurface vapor flow near buildings. Therefore, GPP staff approve the subsurface vapor sampling portion of the workplan with the following conditions:

- Install two sub-slab vapor sampling probes in the buildings at 521 and 603 East 5th Avenue instead of the proposed subsurface vapor wells;

- Place the shroud over the sub-slab probe prior to purging (the shroud does not need to surround the Summa canisters if the equipment vacuum test demonstrates the vapor purging and sampling apparatus is tight);

- Record shroud helium concentrations every 30 to 60 seconds (not every 2 to 5 minutes as proposed in the workplan) because the proposed flow rate will fill the proposed 1 liter sampling canister within approximately 6 minutes;

- Collect cold and warm season vapor samples from the sub-slab vapor probes and from existing VP-1 and VP-3 (no Regional Water Quality Control Board soil screening level exists for potential vapor intrusion of PCE);

- Additionally analyze the vapor samples for PCE and naphthalene; and

- Upload to the State GeoTracker database by **May 30, 2014**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the

investigation (assumes offsite access will not be obtained in time to perform cold season vapor sampling before March 2013).

Monitoring Report

The report states the groundwater sample collected from MW-11 may represent groundwater trapped in the well bottom cap from when groundwater elevation exceeded the elevation of the bottom cap. GPP staff consider this conclusion reasonable. Please ensure future versions of Table 3 include a footnote to denote this condition.

The GeoWell files uploaded for the site have not been listing the measured total well depth. Please ensure future GeoWell files list this depth. Please also ensure future hydrocarbon isoconcentration maps are justified as discussed in the assessment report portion of this letter.

The field sampling sheets in Appendix C indicate the depth to the top of the pump intake in the "B" suffixed wells is at the top of the screened interval. This does not appear appropriate, especially when a shallow well is nearby. It appears the depth of the sampling pump intake in the deeper screened wells should approximate 24 fbg. Please also ensure future time series graphs (Appendix F) reference the groundwater elevation to the appropriate datum.

The report recommends discontinuing analysis for PCE. GPP staff do not concur with this conclusion based on the comments in the assessment report portion of this letter. Please continue to additionally analyze the groundwater samples for PCE.

The report recommends discontinuing the calculation of vertical hydraulic gradient. GPP staff do not approve this recommendation. Calculation of vertical hydraulic gradient is customary when shallow/deep well pairs are available (e.g. MW-6/MW-13B and MW-4/MW-19) because contamination does not always remain at the top of the saturated zone. The calculation involves minimal effort because well gauging and construction data are available from other tasks.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

San Mateo County
Health System

January 8, 2014

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group has uploaded the following documents to the State GeoTracker (Geotracker) database: 1) soil and groundwater investigation report dated July 17, 2013; 2) unsolicited monitoring well installation workplan dated October 12, 2013; and 3) groundwater monitoring report dated November 11, 2013. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Soil and Groundwater Investigation Report

The GeoZ file for MW-20 and MW-21 has not been uploaded to GeoTracker as required by State regulations. Please **immediately** upload this file to complete the soil and groundwater investigation task (the deadline to complete this work was July 18, 2013).

Section 2.9.3 states the maximum concentration of tetrachloroethene (PCE) in the groundwater samples collected in July 2013 was from upgradient well MW-23 (90 ug/l). This is incorrect. Greater PCE concentrations were reported in the groundwater samples collected downgradient of the Unocal station (160 ug/l from MW-13B and 120 ug/l from MW-12B). We consider the source of the PCE problematic and do not concur with conclusion in the report that the PCE solely originated from an upgradient source. Although the PCE in the MW-23 groundwater sample indicates some of the PCE likely originated from an upgradient source and the soil sampling results from MW-22 do not support a PCE release from the waste oil tank, the PCE concentrations nevertheless increase at the subject site (e.g. were <12 ug/l in the May 2011 grab groundwater samples from upgradient Borings SB-3 and SB-4) and the only vadose zone soil sample reported to contain PCE was collected from the waste oil tank excavation. GPP staff will postpone a decision on further PCE corrective action pending our review of the upcoming subsurface vapor sampling report.

The report implies the grab groundwater samples from SB-11 are not as representative as those from MW-24. These groundwater samples were collected at different depths within the saturated zone, and therefore, are not directly comparable. The solvents reported in the SB-11 groundwater sample support the deeper occurrence of PCE reported at other sampling locations and the TPHg concentration in this sample may represent PCE eluting in the TPHg analytical range.

Section 2.11 indicates the Third Quarter 2013 monitoring report would include the waste manifest. It did not. Please note, the deadlines GPP staff establish to complete soil and groundwater investigations include sufficient time to properly dispose of wastes and the corrective action is not considered complete until proper waste disposal is documented.

Unsolicited Workplan

The workplan proposes to install two groundwater monitoring wells on South El Dorado Street downgradient of MW-21. GPP staff do not consider this work necessary at this time. The groundwater samples from MW-21 have only contained up to 0.72 ug/l of benzene and <5 ug/l of MTBE and the BTEX concentrations in these samples are less than those reported in the groundwater samples from upgradient MW-10R. Although the 24,000 ug/l TPHg and 460 ug/l naphthalene concentration reported in the July 2013 groundwater sample from MW-21 is significant, only 3,400 ug/l of TPHg and 82 ug/l of naphthalene were reported in the May 2013 samples (the only other sampling event). Hence, continued monitoring to determine representative TPHg and naphthalene concentrations in MW-21 groundwater appears more appropriate at this time than installing additional monitoring wells. In addition, the preliminary subsurface vapor sampling results at 603 E. Fifth Avenue (EDF 3607240200) suggests naphthalene does not pose a significant vapor intrusion risk. Therefore, we cannot recommend the UST Cleanup Fund reimburse the cost of this work if Chevron or Antea elects to install these wells at this time.

Groundwater Monitoring Report

Table 3 does not include the grab groundwater sampling results from Boring SB-11 in the soil boring section of the table. Please ensure future versions of this table include these results.

The well gauging (GeoWell) file for the September 2013 gauging event has not been uploaded to GeoTracker as required. Please **immediately** upload this file to complete the Third Quarter 2013 groundwater monitoring task.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
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Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

Appendix B

Site Details and Summary of Previous Environmental Investigations

SITE LOCATION AND BACKGROUND

The site is currently an active "76"-branded service station. The station is located approximately one mile west of San Francisco Bay in San Mateo, California, at an elevation of approximately 20 feet above mean sea level. The site facilities include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building. The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site in 1992.

The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East 4th Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area.

There are seven existing or former gasoline service stations within ¼-mile of the site area. The site is located in a mixed commercial and residential area. The nearest residences are southwest of the site at 411 South Claremont, or approximately 50 feet southwest of the site and an apartment building is located at 603 East 5th Avenue approximately 75 feet northeast of the site.

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon, fiberglass gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. Upon removal of the tanks, a 9-inch crack was observed along the eastern end of the super unleaded gasoline UST, and two 3/16-inch diameter holes were observed in the waste oil tank. A monitoring well had apparently been installed too close to the super unleaded UST, causing the crack. Petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30' by 27' by 22' deep. Initially, six soil samples (A1, A2, B1, B2, SW1, and SW2) were collected from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches.

At a later date, KEI collected an additional three soil samples (SW1, SW2, and SW3) from the gasoline UST cavity, along with a grab groundwater sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater had floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2, and D3) from beneath the gasoline dispensers. Laboratory analyses of soil samples collected from the gasoline UST cavity reported relatively high levels of total petroleum hydrocarbons as gasoline (TPHg) benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and total petroleum hydrocarbons as diesel (TPHd). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the

presence of the heavy metals cadmium, chromium, nickel, lead and zinc, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. High levels of TPHd, TPHg, and BTEX compounds were also reported in the groundwater sample.

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site. Laboratory analyses of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and BTEX compounds. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially gauged and sampled in June 1994. Laboratory analyses of the water samples collected from MW-2 and MW-3 reported the presence of petroleum hydrocarbons in MW-2 and MW-3. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs) with a groundwater gradient reported at 0.004 foot/foot to the east. KEI concluded to follow a three-month (quarterly) monitoring program.

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed at downgradient, off-site locations in the sidewalk along the opposite side of South Delaware Street from the site. Laboratory analyses of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX contamination in MW-4. The new wells were added to the quarterly groundwater monitoring program and were first sampled in April 1995. Laboratory analyses of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 micrograms per liter (µg/L) TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4.

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 milligrams per kilogram (mg/kg), 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. Tetrachloroethylene (PCE) and other chlorinated solvents were not present in the soil sample.

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at off-site locations. The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab groundwater samples were collected from each borehole. Laboratory analyses of the water samples reported low to moderate levels of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4. Petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2.

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. One documented well was identified within a ¼-mile radius of the site.

In December 2006 and January 2007, SECOR supervised the following activities: advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four additional groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells

(MW-1, MW-2, MW-3, and MW-5). Laboratory analyses of soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab groundwater sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from MW-6 and MW-9 reported petroleum hydrocarbons. Laboratory analyses of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3).

Based on the results of this investigation, SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended installation of a downgradient well in the shallow water bearing zone and downgradient wells in the deeper water bearing zone along East Fifth Avenue and Delaware Street, and to the northwest and northeast (up and cross-gradient) of the site. SECOR recommended groundwater analyses and historical research to identify the possible source of tetrachloroethylene (PCE) in groundwater.

In August 2008, Stantec oversaw the installation of two shallow groundwater monitoring wells (MW-10 and MW-11), and four deeper zone wells (MW-12B, MW-13B, MW-14B, and MW-15B) at locations down-gradient of the subject site. This included the collection of both soil and groundwater samples from the new wells. Stantec also completed a sensitive receptor survey (SRS) as part of this investigation (see below). Stantec concluded that petroleum hydrocarbon plumes in groundwater had been delineated by the new wells, but recommended continued semiannual groundwater monitoring. No additional evaluation of sensitive receptors was recommended based on findings of the SRS (where no sensitive receptors were identified in the immediate down-gradient direction of the site).

Between 2009 and 2010, Delta Consultants prepared an investigation work plan to assess the PCE contamination in groundwater in the vicinity of the site. The San Mateo GPP did not accept the *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan on October 29, 2010.* Delta Consultants revised and resubmitted the work plan to the GPP.

In February 2011, Antea Group (formerly Delta Consultants) received conditional approval from the lead oversight agency, San Mateo County GPP, of their October 29, 2010 submittal titled *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan.*

Between May and June 2011, Antea Group oversaw the installation of one additional groundwater monitoring well MW-17B, and the advancement of six soil borings SB-1 and SB-3 through SB-7 to assess the potential up-gradient presence of PCE in soil and groundwater, as well as to further quantify the degree and extent of

on-site and downgradient hydrocarbon contamination associated with the subject site. Details of the investigation are presented in the July 2011 *Potential Tetrachloroethylene (PCE) Source Investigation Report*.

In April and May 2012, Antea Group completed additional delineation of gasoline contaminants in groundwater to the east and southeast of the USTs, as well as the determining whether or not the subject site is a likely contributor to the PCE contaminant plume present in the regional groundwater. Antea Group oversaw the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Also, Antea Group oversaw the destruction of shallow well MW-10, replaced with new well MW-10R at a deeper screened interval. Antea Group submitted the *Additional Site Investigation Report* summarizing the April and May field activities to the GPP on **July 6, 2012**.

On **September 7, 2012**, Antea Group submitted an *Additional Groundwater and Vapor Investigation Work Plan* to the GPP. In this Work Plan, Antea Group proposed installing two additional monitoring wells downgradient of wells MW-10R and MW-18, as well as two nested vapor wells adjacent to the neighboring, off-site buildings.

In March 2013, Antea Group installed monitoring wells MW-20 and MW-21 *Plan*, to further define the shallow groundwater contaminant plume, in general accordance with the *Additional Groundwater and Vapor Investigation Work Plan* dated September 7, 2012. In addition, soil boring SB-11 was advanced and monitoring well MW-11 was destroyed per GPP request.

In June and July 2013, Antea Group installed monitoring wells MW-22 through MW-24 to assess the contribution of PCE from the former waste oil UST (MW-22), to assess PCE concentrations upgradient of the site (MW-23), and to further define the extent of the shallow groundwater contaminant plume (MW-24). Antea Group also advanced soil boring SB-10 to assess onsite shallow soil conditions near the tank pit. Antea Group submitted the *Additional Soil and Groundwater Investigation Report* summarizing field activities to the GPP on **July 17, 2013**.

In August 2013, Antea Group installed and sampled sub-slab soil vapor probes SS-1 through SS-4 off-site to assess soil vapor conditions within the hydrocarbon contaminant plume beneath the residential and commercial properties adjacent to and downgradient of the site. Vapor samples were collected in August 2013 and January/February 2014.

Sensitive Receptors

In 1996, a well survey was performed by Pacific. Four wells (three cathodic protection wells and one irrigation well) were identified within ¼-mile of the site. The City of San Mateo confirmed that there are two irrigation wells in Central Park (approximately 2,544 feet south of the site) and one irrigation well at King Center (approximately 3,648 north-northwest of the site).

Stantec performed a sensitive receptor survey within a ½-mile radius of the site during July 2008. A detailed parcel survey was performed at a 500-foot radius around the site. Research of the DWR well completion record database identified one irrigation well located approximately 2,208 feet north-northeast of the Site at 1015 2nd Avenue, San Mateo. The well was installed in 1953 to a depth of 46 feet bgs with a screened interval of 30 to 46 feet bgs. There was one surface water body (San Mateo Creek) identified within the limits of the ½-mile survey, approximately

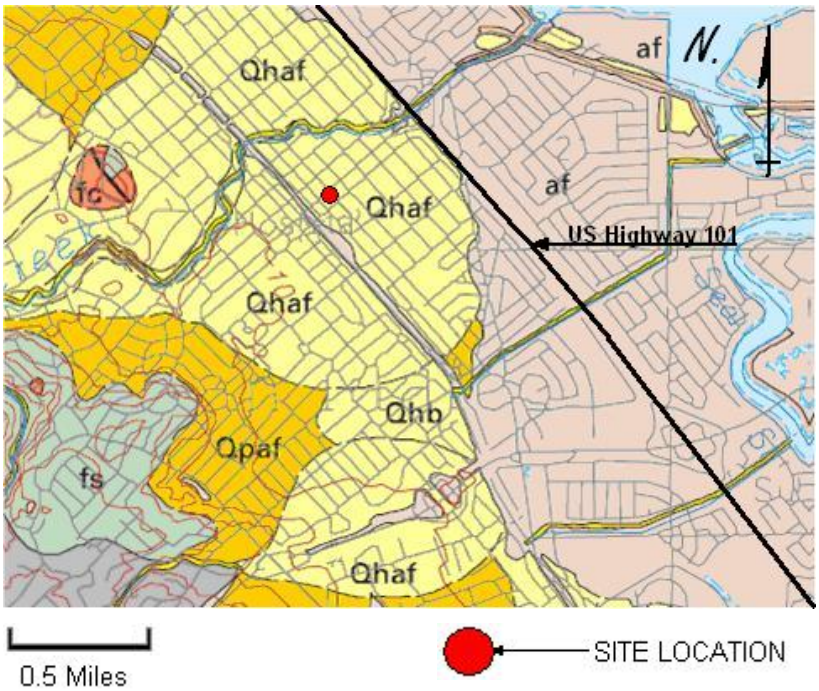
1,488 feet north of the site. Additionally there may be a well located approximately 650 feet Northeast of the site at 728 E 4th Ave, San Mateo. This site was identified as the location of an inactive, former irrigation well during the course of an investigation by Stantec for a different site (Tosco 76 Station #4178, Former, T0608101115) in a 2009 Sensitive Receptor Survey (SRS). This SRS from 76 Station #4178 identified an additional sensitive receptor at 713 2nd Avenue, San Mateo approximately 1050 feet north of the site. This site is a preschool which utilizes sump pumps to dewater their basement, according the Stantec SRS, the preschool uses sump pumps to dewater the basement, which also serves as a classroom.

SITE SETTING

Regional Geologic Setting

The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay. The geologic map of the vicinity below shows that the site is underlain by alluvial fan and fluvial deposits (Qhaf). Near the edge of San Francisco Bay, the deposits consist of medium dense sands that fine upward to sandy or silty clay (E.E. Brabb, et al., 1998). Other deposits in the area are heterogeneous artificial fill (af) and basin

Geologic Map of Vicinity



GEOLOGY OF THE ONSHORE PART OF SAN MATEO COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE 98-137

deposits (Qhb) consisting of fine silty clay to clay deposits.

Regional Hydrogeologic Setting

The site is located within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. Groundwater throughout the area flows typically northeasterly, originating in the Santa Cruz Mountains to the west and flowing towards San Francisco Bay. The basin is composed of alluvial fan deposits formed by tributaries to San Francisco Bay. The water-bearing formations comprise two groups; the Santa Clara Formation of the older Plio-Pleistocene age and the Quaternary age alluvial deposits. The shallow alluvial deposits overlie the Santa Clara Formation and have a maximum depth of about 1,250-feet.

Quaternary age alluvium consists of sand, gravel, silt, and clay deposits that are about 100-feet thick and average about 60-feet thick. The Pliocene age San Mateo Formation consists of deposits of marine sand, gravel, silt, and clay, which are locally water-bearing (DWR 2003).

The prominent groundwater flow direction is to the east.

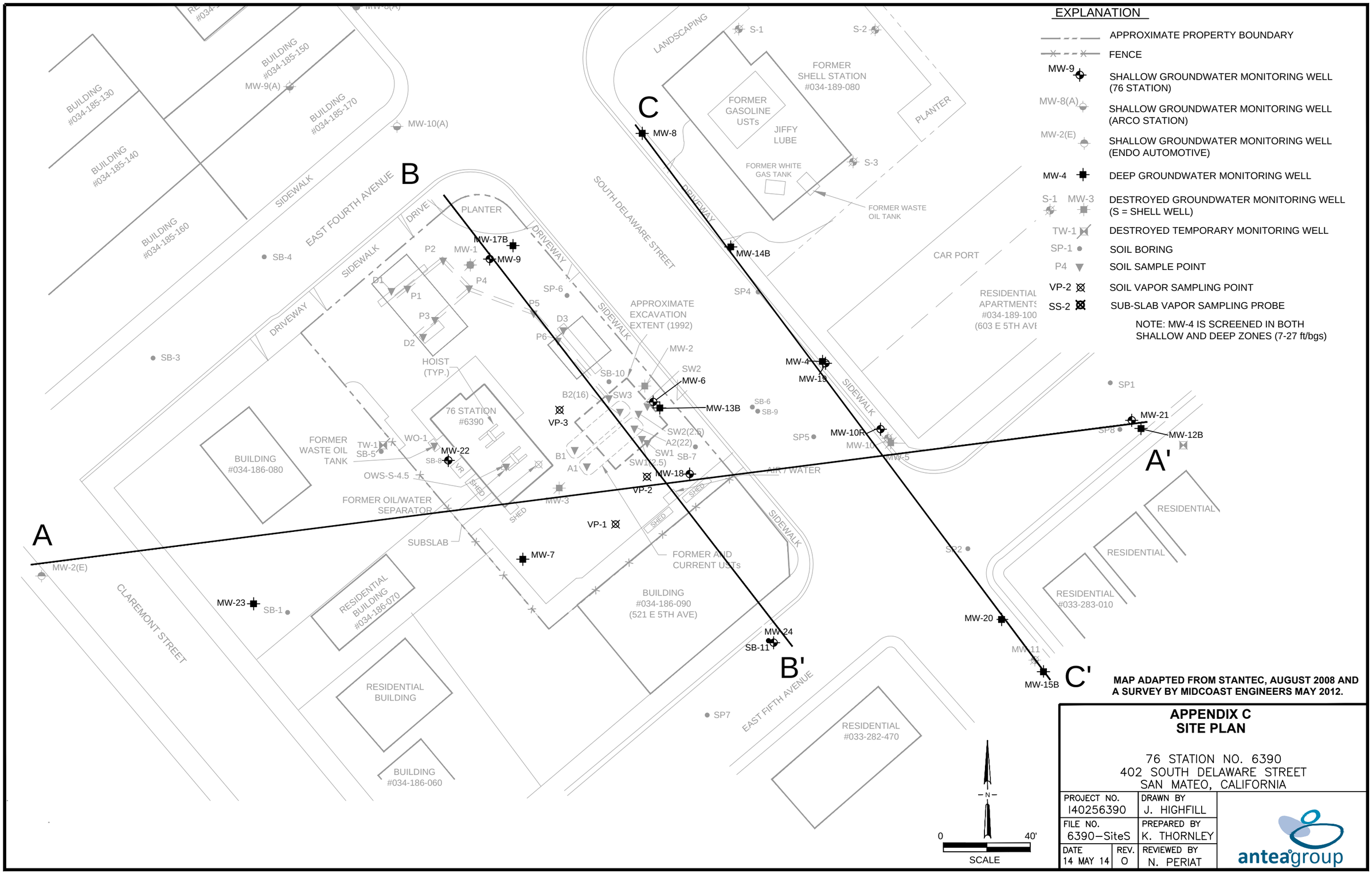
Pacific Environmental Group, Inc. (Pacific) conducted a well survey and reviewed California Department of Water Resources (DWR) well records in June 1996. PEG only identified one documented cathodic protection well within a ¼-mile radius of the site.

Stantec conducted a sensitive receptor survey within a ½-mile of the site between July 2008 and August 2008 (Stantec 2008). A detailed parcel survey was performed at a 500-foot radius surrounding the site. The parcel survey identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot radius. A field canvas by Stantec did not identify groundwater production wells, or accompanying facilities associated with groundwater production wells within the search radius. In addition, California Water Service Company, the primary water provider for the area, indicated that they did not have any water supply wells within ½-mile boundary of the survey area.

There is one surface water body identified within the limits of the ½ -mile survey. San Mateo Creek is located approximately 1,488-feet north of the site.

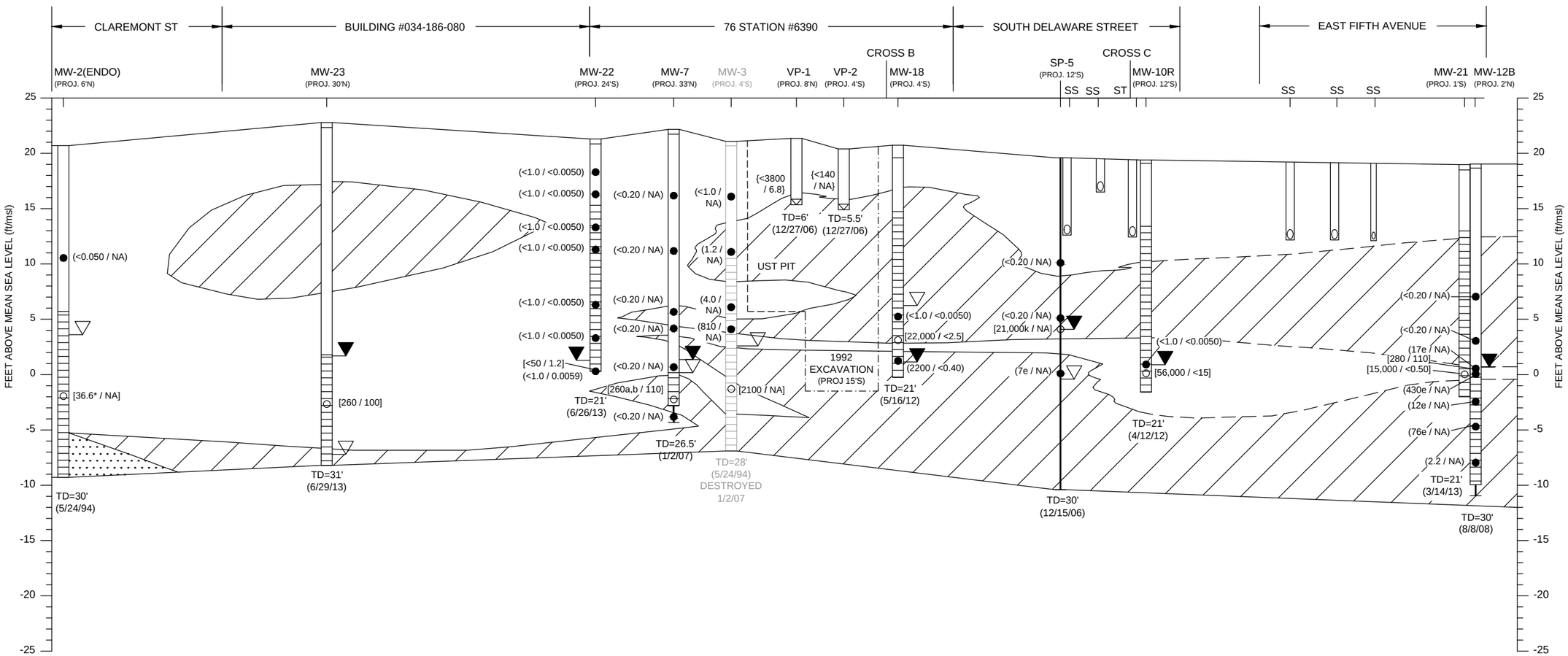
Appendix C

Geologic Cross Sections


EXPLANATION
APPROXIMATE PROPERTY BOUNDARY
FENCE
MW-9 SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
MW-8(A) SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
MW-2(E) SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
MW-4 DEEP GROUNDWATER MONITORING WELL
S-1 MW-3 DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
TW-1 DESTROYED TEMPORARY MONITORING WELL
SP-1 SOIL BORING
P4 SOIL SAMPLE POINT
VP-2 SOIL VAPOR SAMPLING POINT
SS-2 SUB-SLAB VAPOR SAMPLING PROBE
NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)
A
A'
B
B'
C
C'
EAST FOURTH AVENUE
SOUTH DELAWARE STREET
EAST FIFTH AVENUE
CLAREMONT STREET
SIDEWALK
DRIVE
DRIVEWAY
PLANTER
LANDSCAPING
CAR PORT
SHED
BUILDING #034-185-130
BUILDING #034-185-140
BUILDING #034-185-150
BUILDING #034-185-160
BUILDING #034-185-170
BUILDING #034-186-080
BUILDING #034-186-090 (521 E 5TH AVE)
RESIDENTIAL BUILDING #034-186-070
RESIDENTIAL BUILDING
BUILDING #034-186-060
RESIDENTIAL #033-283-010
RESIDENTIAL #033-282-470
RESIDENTIAL APARTMENTS #034-189-100 (603 E 5TH AVE)
FORMER SHELL STATION #034-189-080
FORMER GASOLINE USTs
JIFFY LUBE
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
FORMER OIL/WATER SEPARATOR
FORMER AND CURRENT USTs
APPROXIMATE EXCAVATION EXTENT (1992)
76 STATION #6390
HOIST (TYP.)
SUBSLAB
AIR / WATER
MW-9(A)
MW-10(A)
MW-8(A)
MW-8
MW-9
MW-17B
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-10
MW-10R
MW-11
MW-12B
MW-13B
MW-14B
MW-15B
MW-18
MW-19
MW-20
MW-21
MW-22
MW-23
MW-24
S-1
S-2
S-3
SB-1
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SP1
SP2
SP4
SP5
SP7
SP8
VP-1
VP-2
VP-3
TW-1
WO-1
P1
P2
P3
P4
P5
P6
D1
D2
D3
A1
A2(22)
B1
B2(16)
SW1
SW2
SW2(2.5)
SW3
SW1(2.5)
OWS-S-4.5
0
40'
SCALE
N
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.
APPENDIX C
SITE PLAN
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA
PROJECT NO. 140256390
DRAWN BY J. HIGHFILL
FILE NO. 6390-SiteS
PREPARED BY K. THORNLEY
DATE 14 MAY 14
REV. 0
REVIEWED BY N. PERIAT
antea group

WEST A

EAST A'



0 40
SCALE IN FEET
10

EXPLANATION

MW-7 (PROJ.4'N) — MONITORING WELL / BORING NAME; PROJECTED DISTANCE FROM CROSS SECTION

TOP OF CASING

WELL CASING / EXPLORATORY BORING

(<0.20 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: GRO / PCE (mg/kg)

MONITORING WELL SCREEN

STATIC GROUNDWATER ELVEVATION (1Q14)

[260 / 110] — GROUNDWATER SAMPLE WITH ANALYTICAL DATA: GRO / PCE (µg/L)

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

{140 / NA} — SOIL VAPOR PROBE WITH ANALYTICAL DATA: GRO / PCE (µg/m³)

TD=27.5' (1/2/07) — TOTAL DEPTH; DATE INSTALLED

FINES (CLAY, SILT)

SILTY / CLAYEY SANDS / GRAVELS

SAND / GRAVEL

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTES:

1) <0.50 = BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHANE
NA = NOT ANALYZED
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER
a =GRO PRIMARILY CONTAINED COMPOUNDS NOT FOUND IN TYPICAL GASOLINE.
b =REPEAT ANALYSIS OF GRO YIELDED INCONSISTENT RESULTS. THE CONCENTRATIONS APPEAR TO VARY BETWEEN THE BOTTLES. THE HIGHEST VALID RESULT IS REPORTED.
k = REPORTING LIMITS (PQL OR MDL) WERE RAISED DUE TO THE HIGH LEVEL OF ANALYTE PRESENT IN THE SAMPLE ("D4")
e = THE PQL'S AND MDL'S WERE RAISED DUE TO SAMPLE DILUTION.
* = ATYPICAL PATTERN. GASOLINE VALUE TO CHLORINATED COMPOUNDS.

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) SOIL AND GROUNDWATER SAMPLES FOR SOIL BORINGS COLLECTED ON THE DATE OF DRILLING. GROUNDWATER SAMPLES FOR ACTIVE MONITORING WELLS COLLECTED DURING THE AUGUST 2, 2006 (ENDO AUTOMOTIVE) AND JANUARY 28, 2014 (76 SERVICE STATION) SAMPLING EVENTS . MW-3 WAS SAMPLED ON AUGUST 2, 2006.

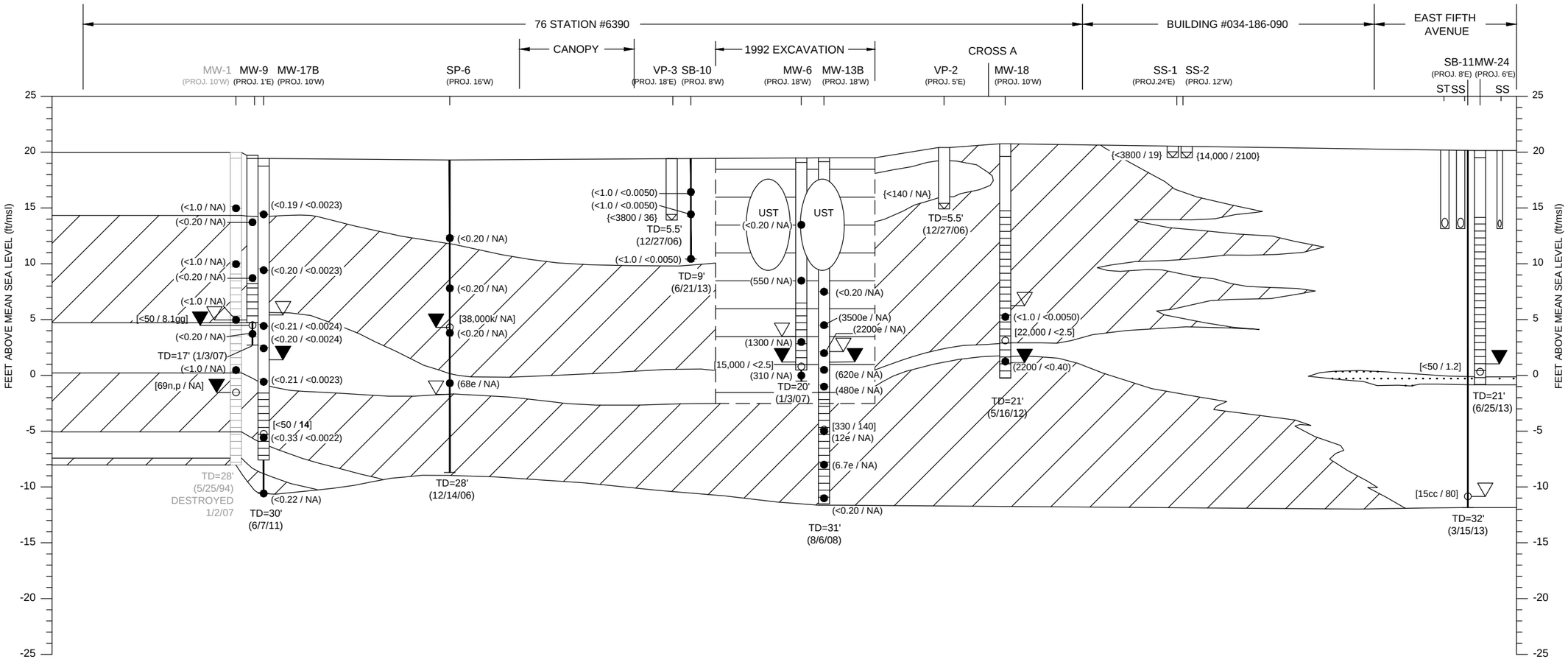
APPENDIX C
GEOLOGIC CROSS SECTION A - A'

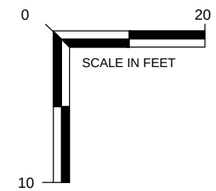
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	antea group
FILE NO. 6390-SiteS		PREPARED BY K. THORNLEY	
DATE 2 OCT 14	REV. 2	REVIEWED BY N. PERIAT	

NORTHWEST B

SOUTHEAST B'





EXPLANATION

MW-7 (PROJ.4'N) — MONITORING WELL / BORING NAME; PROJECTED DISTANCE FROM CROSS SECTION

TOP OF CASING

WELL CASING / EXPLORATORY BORING

(<0.20 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: GRO / PCE (mg/kg)

MONITORING WELL SCREEN

STATIC GROUNDWATER ELVEVATION (1Q14)

[260 / 110] — GROUNDWATER SAMPLE WITH ANALYTICAL DATA: GRO / PCE (µg/L)

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

{140 / NA} — SOIL VAPOR PROBE WITH ANALYTICAL DATA: GRO / PCE (µg/m^3)
VP-2 SAMPLED ON 2/1/07.

TD=27.5' (1/2/07) — TOTAL DEPTH; DATE INSTALLED

FINES (CLAY, SILT)

SILTY / CLAYEY SANDS / GRAVELS

SAND / GRAVEL

ARTIFICIAL BACKFILL MATERIAL

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

SS - SANITARY SEWER

ST - STORM DRAIN

NOTES:

1) <0.50 = BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHANE
NA = NOT ANALYZED
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER
k = REPORTING LIMITS (PQL OR MDL) WERE RAISED DUE TO THE HIGH LEVEL OF ANALYTE PRESENT IN THE SAMPLE ("D4")
p = TPPH WAS POSITIVE DUE TO PCE PRESENT IN THE SAMPLE.
n = CHROMATOGRAM NOT TYPICAL OF GASOLINE.
e = THE PQL'S AND MDL'S WAS RAISED DUE TO SAMPLE DILUTION.
gg = GROUNDWATER SAMPLE COLLECTED MAY REPRESENT CASING WATER TRAPPED IN THE WELL BOTTOM.
cc = PRIMARY COMPOUNDS NOT FOUND IN TYPICAL GASOLINE

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) SOIL AND GROUNDWATER SAMPLES FOR SOIL BORINGS COLLECTED ON THE DATE OF DRILLING. GROUNDWATER SAMPLES FOR ACTIVE MONITORING WELLS COLLECTED DURING THE AUGUST 2, 2006 (ENDO AUTOMOTIVE) AND JANUARY 28, 2014 (76 SERVICE STATION) SAMPLING EVENTS, EXCEPT FOR MW-8 AND MW-9 WHICH WERE SAMPLED ON FEBRUARY 14, 2013. MW-1 WAS SAMPLED ON AUGUST 2, 2006.

APPENDIX C
GEOLOGIC CROSS SECTION B - B'

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

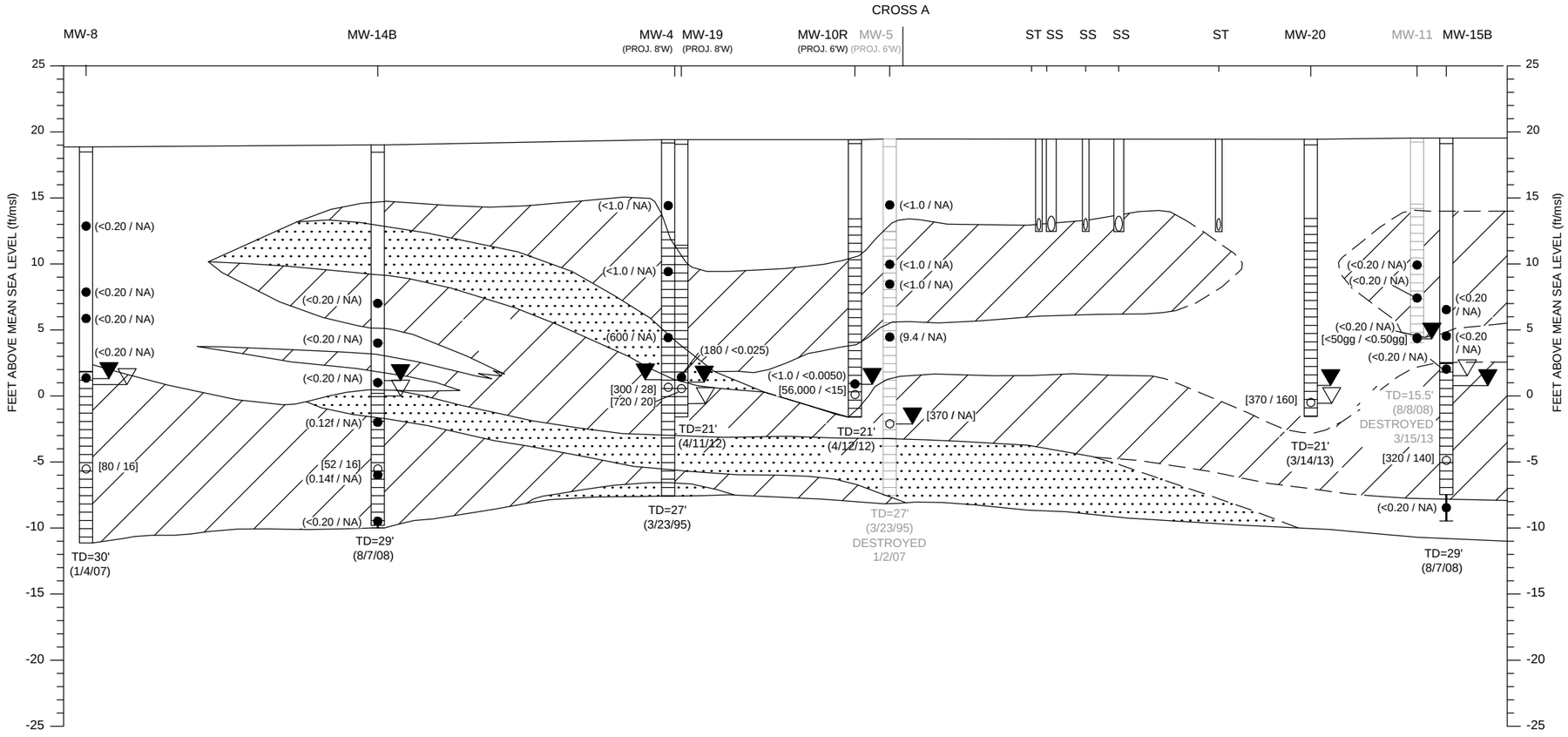
PROJECT NO. 140256390	DRAWN BY J. HIGHFILL
FILE NO. 6390-SiteS	PREPARED BY K. THORNLEY
DATE 2 OCT 14 / REV. 2	REVIEWED BY N. PERIAT

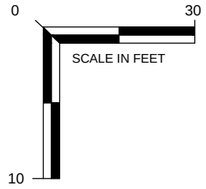
antea group

NORTHWEST C

SOUTHEAST C'

CROSS A





EXPLANATION

MW-7 (PROJ.4'N) — MONITORING WELL / BORING NAME; PROJECTED DISTANCE FROM CROSS SECTION

TOP OF CASING

WELL CASING / EXPLORATORY BORING

(<0.20 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: GRO / PCE (mg/kg)

MONITORING WELL SCREEN

STATIC GROUNDWATER ELVEVATION (1Q14)

[260 / 110] — GROUNDWATER SAMPLE WITH ANALYTICAL DATA: GRO / PCE (µg/L) ON 1/28/14

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

{140 / NA} — SOIL VAPOR PROBE WITH ANALYTICAL DATA: GRO / PCE (µg/m^3)

TD=27.5' (1/2/07) — TOTAL DEPTH; DATE INSTALLED

FINES (CLAY, SILT)

SILTY / CLAYEY SANDS / GRAVELS

SAND / GRAVEL

ARTIFICIAL BACKFILL MATERIAL

SS - SANITARY SEWER

ST - STORM DRAIN

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTES:

1) <0.50 = BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHANE
NA = NOT ANALYZED
mg/kg = MILLIGRAMS PER KILOGRAM
µg/L = MICROGRAMS PER LITER
p = TPPH was positive due to PCE present in the sample.
n = Chromatogram not typical of gasoline.
gg = Groundwater sample collected may represent casing water trapped in the well bottom.
f = Estimated Value (CLP Flags)

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) SOIL AND GROUNDWATER SAMPLES FOR SOIL BORINGS COLLECTED ON THE DATE OF DRILLING. GROUNDWATER SAMPLES FOR ACTIVE MONITORING WELLS COLLECTED DURING THE AUGUST 2, 2006 (ENDO AUTOMOTIVE) AND JANUARY 28, 2014 (76 SERVICE STATION) SAMPLING EVENTS EXCEPT FOR MW-11 WHICH WAS SAMPLED ON FEBRUARY 14, 2013. MW-5 WAS SAMPLED ON AUGUST 2, 2006. MW-11 WAS SAMPLED ON FEBRUARY 14, 2013.

APPENDIX C
GEOLOGIC CROSS SECTION C - C'

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390	DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS	PREPARED BY K. THORNLEY	
DATE 24 JUL 14	REV. 1	REVIEWED BY N. PERIAT

antea group

Appendix D

Verified Laboratory Results

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Laboratory Results

Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Subject : 19 Water Samples
Project Name : 256390
Project Number :

Dear Ms. Periat,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC.
Kiff Analytical, LLC is certified by the State of California under the Environmental Laboratory Accreditation Program (ELAP), lab number 08263CA.
If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Subject : 19 Water Samples
Project Name : 256390
Project Number :

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with sample FD1_20140131 for the analytes Ethylbenzene and P + M Xylene were affected by the analyte concentrations already present in the un-spiked sample.

Repeat analysis of sample MW-22_20140131 by method EPA 8260B for Tert-Butanol yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.

Repeat analysis of sample MW-7_20140131 by method EPA 8260B for TPH as Gasoline yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-21_20140131.

Sample results for MW-12B_20140131, MW-13B_20140131, MW-14B_20140131, MW-15B_20140131, MW-20B_20140131, MW-23B_20140131, and MW-7_20140131 reported as TPH as Gasoline do not exhibit a typical Gasoline chromatographic pattern. The reported values are primarily attributed to the presence of non-gasoline compounds.

The parameter 'Gasoline Hydrocarbons' was calculated by adding up the chromatographic peaks between hexane and dodecane (C6 to C12), subtracting the non-gasoline compounds (primarily Dichloroethene, Trichloroethene, and Tetrachloroethene), and comparing against a gasoline calibration curve.

A version of this report was previously issued on 05/13/14. The Gasoline Hydrocarbons added to this revised version replaces that report.

KIFF Analytical LLC

Analysis Summary

Report Number : 87262

Date : 08/13/14

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-21_20140131		MW-10R_2014013		MW-12B_2014013		MW-13B_2014013		MW-14B_2014013		MW-15B_2014013		MW-17B_2014013	
			Sample Date	01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	**2.7**	15	**28**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		2.5	**840**	15	**2600**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	**2.3**	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		2.5	**1600**	15	**9200**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		50	ND	150	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	70	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Gasoline Hydrocarbons	EPA 8260B	ug/L						50	ND	50	ND	50	ND	50	ND	50	ND
TPH as Gasoline	EPA 8260B	ug/L		250	**15000**	1500	**56000**	50	**280**	50	**330**	50	**52**	50	**320**	50	ND
1,2-Dibromoethane	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Naphthalene	EPA 8260B	ug/L		2.5	**340**	15	**1100**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tetrachloroethene	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	**110**	0.50	**140**	0.50	**16**	0.50	**140**	0.50	**14**
Trichloroethene	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	**11**	0.50	**14**	0.50	**1.1**	0.50	**8.3**	0.50	**0.94**
Vinyl Chloride	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	**1.6**	15	ND	0.50	**15**	0.50	**8.9**	0.50	**0.82**	0.50	**9.0**	0.50	**0.54**
trans-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	ND	15	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 87262
Date : 08/13/14

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-21_20140131		MW-10R_2014013		MW-12B_2014013		MW-13B_2014013		MW-14B_2014013		MW-15B_2014013		MW-17B_2014013	
			Sample Date	01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			96.8		101		98.7		97.0		97.1		97.1		101
4-Bromofluorobenzene (Surr)	EPA 8260B	%			89.1		101		89.2		90.8		90.1		89.4		97.4
Toluene - d8 (Surr)	EPA 8260B	%			100		98.6		102		100		100		100		99.7

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 87262

Date : 08/13/14

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-18_20140131		MW-19_20140131		MW-20_20140131		MW-22_20140131		TB1_20140131		MW-23_20140131		MW-24_20140131	
			Sample Date	01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		2.5	**530**	0.50	**0.79**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		2.5	**560**	0.50	**35**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		2.5	**1800**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		2.5	**2600**	0.50	**0.99**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		25	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		2.5	**480**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		15	**1700**	5.0	ND	5.0	ND	5.0	**24**	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Gasoline Hydrocarbons	EPA 8260B	ug/L						50	ND					50	ND		
TPH as Gasoline	EPA 8260B	ug/L		250	**22000**	50	**720**	50	**370**	50	ND	50	ND	50	**260**	50	ND
1,2-Dibromoethane	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Naphthalene	EPA 8260B	ug/L		2.5	**160**	0.50	**5.1**	0.50	ND	0.50	ND			0.50	ND	0.50	ND
Tetrachloroethene	EPA 8260B	ug/L		2.5	ND	0.50	**20**	0.50	**160**	0.50	**1.2**			0.50	**100**	0.50	**1.2**
Trichloroethene	EPA 8260B	ug/L		2.5	ND	0.50	**3.6**	0.50	**12**	0.50	**4.6**			0.50	**11**	0.50	ND
Vinyl Chloride	EPA 8260B	ug/L		2.5	**6.7**	0.50	ND	0.50	ND	0.50	ND			0.50	ND	0.50	ND
cis-1,2-Dichloroethene	EPA 8260B	ug/L		2.5	**9.2**	0.50	**2.3**	0.50	**13**	0.50	ND			0.50	**16**	0.50	ND
trans-1,2-Dichloroethene	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND			0.50	ND	0.50	ND

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 87262
Date : 08/13/14

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-18_20140131		MW-19_20140131		MW-20_20140131		MW-22_20140131		TB1_20140131		MW-23_20140131		MW-24_20140131	
			Sample Date	01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14		01/28/14	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			101		97.1		102		97.3		97.7		95.8		97.4
4-Bromofluorobenzene (Surr)	EPA 8260B	%			101		91.0		98.1		89.2				89.0		89.2
Toluene - d8 (Surr)	EPA 8260B	%			98.2		101		99.8		101		99.4		100		100

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 87262
Date : 08/13/14

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-4_20140131		MW-6_20140131		MW-7_20140131		MW-8_20140131		FD1_20140131	
			Sample Date	01/28/14		01/28/14		01/28/14		01/28/14		01/28/14	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	2.5	**810**	0.50	ND	0.50	ND	15	**36**
Ethylbenzene	EPA 8260B	ug/L		0.50	**10**	2.5	**1700**	0.50	ND	0.50	ND	15	**3000**
Toluene	EPA 8260B	ug/L		0.50	ND	2.5	**44**	0.50	ND	0.50	ND	15	**15**
Total Xylenes	EPA 8260B	ug/L		0.50	ND	2.5	**870**	0.50	ND	0.50	ND	15	**10000**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND	15	ND
Ethanol	EPA 8260B	ug/L		5.0	ND	25	ND	5.0	ND	5.0	ND	150	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND	15	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	2.5	**86**	0.50	ND	0.50	ND	15	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	15	**27**	5.0	ND	5.0	ND	70	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND	15	ND
Gasoline Hydrocarbons	EPA 8260B	ug/L		50	**230**			50	ND	50	ND		
TPH as Gasoline	EPA 8260B	ug/L		50	**300**	250	**15000**	50	**260**	50	**80**	1500	**47000**
1,2-Dibromoethane	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND	15	ND
1,2-Dichloroethane	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND	15	ND
Naphthalene	EPA 8260B	ug/L		0.50	**3.2**	2.5	**520**	0.50	ND	0.50	ND		
Tetrachloroethene	EPA 8260B	ug/L		0.50	**28**	2.5	ND	0.50	**110**	0.50	**16**		
Trichloroethene	EPA 8260B	ug/L		0.50	**2.4**	2.5	ND	0.50	**8.3**	0.50	**1.6**		
Vinyl Chloride	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND		
cis-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	**1.6**	2.5	ND	0.50	**6.8**	0.50	**2.0**		
trans-1,2-Dichloroethene	EPA 8260B	ug/L		0.50	ND	2.5	ND	0.50	ND	0.50	ND		

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Analysis Summary

Report Number : 87262
Date : 08/13/14

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-4_20140131	MW-6_20140131		MW-7_20140131		MW-8_20140131		FD1_20140131	
			Sample Date	01/28/14	01/28/14		01/28/14		01/28/14		01/28/14	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			96.1		101		96.0		96.5		104
4-Bromofluorobenzene (Surr)	EPA 8260B	%			90.0		100		88.5		89.0		
Toluene - d8 (Surr)	EPA 8260B	%			100		98.8		99.5		101		104

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-21_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-01
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	**2.7**	0.50	ug/L	01/31/14 13:15
Toluene	**2.3**	0.50	ug/L	01/31/14 13:15
Ethylbenzene	**840**	2.5	ug/L	02/05/14 23:00
Total Xylenes	**1600**	2.5	ug/L	02/05/14 23:00
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	01/31/14 13:15
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	01/31/14 13:15
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	01/31/14 13:15
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	01/31/14 13:15
Tert-Butanol	< 5.0	5.0	ug/L	01/31/14 13:15
Ethanol	< 50	50	ug/L	02/05/14 23:00
TPH as Gasoline	**15000**	250	ug/L	02/05/14 23:00
1,2-Dichloroethane	< 0.50	0.50	ug/L	01/31/14 13:15
1,2-Dibromoethane	< 0.50	0.50	ug/L	01/31/14 13:15
Vinyl Chloride	< 0.50	0.50	ug/L	01/31/14 13:15
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	01/31/14 13:15
cis-1,2-Dichloroethene	**1.6**	0.50	ug/L	01/31/14 13:15
Trichloroethene	< 0.50	0.50	ug/L	01/31/14 13:15
Tetrachloroethene	< 0.50	0.50	ug/L	01/31/14 13:15
Naphthalene	**340**	2.5	ug/L	02/05/14 23:00
1,2-Dichloroethane-d4 (Surr)	96.8		% Recovery	01/31/14 13:15
Toluene - d8 (Surr)	100		% Recovery	01/31/14 13:15
4-Bromofluorobenzene (Surr)	89.1		% Recovery	01/31/14 13:15

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-10R_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-02
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	**28**	15	ug/L	02/05/14 03:12
Toluene	< 15	15	ug/L	02/05/14 03:12
Ethylbenzene	**2600**	15	ug/L	02/05/14 03:12
Total Xylenes	**9200**	15	ug/L	02/05/14 03:12
Methyl-t-butyl ether (MTBE)	< 15	15	ug/L	02/05/14 03:12
Diisopropyl ether (DIPE)	< 15	15	ug/L	02/05/14 03:12
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	02/05/14 03:12
Tert-amyl methyl ether (TAME)	< 15	15	ug/L	02/05/14 03:12
Tert-Butanol	< 70	70	ug/L	02/05/14 03:12
Ethanol	< 150	150	ug/L	02/05/14 03:12
TPH as Gasoline	**56000**	1500	ug/L	02/05/14 03:12
1,2-Dichloroethane	< 15	15	ug/L	02/05/14 03:12
1,2-Dibromoethane	< 15	15	ug/L	02/05/14 03:12
Vinyl Chloride	< 15	15	ug/L	02/05/14 03:12
trans-1,2-Dichloroethene	< 15	15	ug/L	02/05/14 03:12
cis-1,2-Dichloroethene	< 15	15	ug/L	02/05/14 03:12
Trichloroethene	< 15	15	ug/L	02/05/14 03:12
Tetrachloroethene	< 15	15	ug/L	02/05/14 03:12
Naphthalene	**1100**	15	ug/L	02/05/14 03:12
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	02/05/14 03:12
Toluene - d8 (Surr)	98.6		% Recovery	02/05/14 03:12
4-Bromofluorobenzene (Surr)	101		% Recovery	02/05/14 03:12

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-12B_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-03
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 13:22
Toluene	< 0.50	0.50	ug/L	02/03/14 13:22
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 13:22
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 13:22
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 13:22
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 13:22
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 13:22
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 13:22
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 13:22
Ethanol	< 5.0	5.0	ug/L	02/03/14 13:22
TPH as Gasoline	**280**	50	ug/L	02/03/14 13:22
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 13:22
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 13:22
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 13:22
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 13:22
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 13:22
cis-1,2-Dichloroethene	**15**	0.50	ug/L	02/03/14 13:22
Trichloroethene	**11**	0.50	ug/L	02/03/14 13:22
Tetrachloroethene	**110**	0.50	ug/L	02/03/14 13:22
Naphthalene	< 0.50	0.50	ug/L	02/03/14 13:22
1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery	02/03/14 13:22
Toluene - d8 (Surr)	102		% Recovery	02/03/14 13:22
4-Bromofluorobenzene (Surr)	89.2		% Recovery	02/03/14 13:22

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-13B_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-04
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 14:25
Toluene	< 0.50	0.50	ug/L	02/03/14 14:25
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 14:25
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 14:25
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 14:25
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 14:25
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 14:25
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 14:25
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 14:25
Ethanol	< 5.0	5.0	ug/L	02/03/14 14:25
TPH as Gasoline	**330**	50	ug/L	02/03/14 14:25
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 14:25
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 14:25
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 14:25
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 14:25
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 14:25
cis-1,2-Dichloroethene	**8.9**	0.50	ug/L	02/03/14 14:25
Trichloroethene	**14**	0.50	ug/L	02/03/14 14:25
Tetrachloroethene	**140**	0.50	ug/L	02/03/14 14:25
Naphthalene	< 0.50	0.50	ug/L	02/03/14 14:25
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	02/03/14 14:25
Toluene - d8 (Surr)	100		% Recovery	02/03/14 14:25
4-Bromofluorobenzene (Surr)	90.8		% Recovery	02/03/14 14:25

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-14B_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-05
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 14:57
Toluene	< 0.50	0.50	ug/L	02/03/14 14:57
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 14:57
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 14:57
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 14:57
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 14:57
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 14:57
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 14:57
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 14:57
Ethanol	< 5.0	5.0	ug/L	02/03/14 14:57
TPH as Gasoline	**52**	50	ug/L	02/03/14 14:57
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 14:57
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 14:57
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 14:57
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 14:57
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 14:57
cis-1,2-Dichloroethene	**0.82**	0.50	ug/L	02/03/14 14:57
Trichloroethene	**1.1**	0.50	ug/L	02/03/14 14:57
Tetrachloroethene	**16**	0.50	ug/L	02/03/14 14:57
Naphthalene	< 0.50	0.50	ug/L	02/03/14 14:57
1,2-Dichloroethane-d4 (Surr)	97.1		% Recovery	02/03/14 14:57
Toluene - d8 (Surr)	100		% Recovery	02/03/14 14:57
4-Bromofluorobenzene (Surr)	90.1		% Recovery	02/03/14 14:57

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-15B_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-06
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 15:28
Toluene	< 0.50	0.50	ug/L	02/03/14 15:28
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 15:28
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 15:28
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 15:28
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 15:28
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 15:28
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 15:28
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 15:28
Ethanol	< 5.0	5.0	ug/L	02/03/14 15:28
TPH as Gasoline	**320**	50	ug/L	02/03/14 15:28
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 15:28
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 15:28
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 15:28
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 15:28
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 15:28
cis-1,2-Dichloroethene	**9.0**	0.50	ug/L	02/03/14 15:28
Trichloroethene	**8.3**	0.50	ug/L	02/03/14 15:28
Tetrachloroethene	**140**	0.50	ug/L	02/03/14 15:28
Naphthalene	< 0.50	0.50	ug/L	02/03/14 15:28
1,2-Dichloroethane-d4 (Surr)	97.1		% Recovery	02/03/14 15:28
Toluene - d8 (Surr)	100		% Recovery	02/03/14 15:28
4-Bromofluorobenzene (Surr)	89.4		% Recovery	02/03/14 15:28

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-17B_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-07
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 15:36
Toluene	< 0.50	0.50	ug/L	02/03/14 15:36
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 15:36
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 15:36
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 15:36
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 15:36
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 15:36
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 15:36
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 15:36
Ethanol	< 5.0	5.0	ug/L	02/03/14 15:36
TPH as Gasoline	< 50	50	ug/L	02/03/14 15:36
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 15:36
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 15:36
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 15:36
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 15:36
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 15:36
cis-1,2-Dichloroethene	**0.54**	0.50	ug/L	02/03/14 15:36
Trichloroethene	**0.94**	0.50	ug/L	02/03/14 15:36
Tetrachloroethene	**14**	0.50	ug/L	02/03/14 15:36
Naphthalene	< 0.50	0.50	ug/L	02/03/14 15:36
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	02/03/14 15:36
Toluene - d8 (Surr)	99.7		% Recovery	02/03/14 15:36
4-Bromofluorobenzene (Surr)	97.4		% Recovery	02/03/14 15:36

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-18_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-08
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	**530**	2.5	ug/L	02/05/14 01:35
Toluene	**1800**	2.5	ug/L	02/05/14 01:35
Ethylbenzene	**560**	2.5	ug/L	02/05/14 01:35
Total Xylenes	**2600**	2.5	ug/L	02/05/14 01:35
Methyl-t-butyl ether (MTBE)	**480**	2.5	ug/L	02/05/14 01:35
Diisopropyl ether (DIPE)	< 2.5	2.5	ug/L	02/05/14 01:35
Ethyl-t-butyl ether (ETBE)	< 2.5	2.5	ug/L	02/05/14 01:35
Tert-amyl methyl ether (TAME)	< 2.5	2.5	ug/L	02/05/14 01:35
Tert-Butanol	**1700**	15	ug/L	02/05/14 01:35
Ethanol	< 25	25	ug/L	02/05/14 01:35
TPH as Gasoline	**22000**	250	ug/L	02/05/14 01:35
1,2-Dichloroethane	< 2.5	2.5	ug/L	02/05/14 01:35
1,2-Dibromoethane	< 2.5	2.5	ug/L	02/05/14 01:35
Vinyl Chloride	**6.7**	2.5	ug/L	02/05/14 01:35
trans-1,2-Dichloroethene	< 2.5	2.5	ug/L	02/05/14 01:35
cis-1,2-Dichloroethene	**9.2**	2.5	ug/L	02/05/14 01:35
Trichloroethene	< 2.5	2.5	ug/L	02/05/14 01:35
Tetrachloroethene	< 2.5	2.5	ug/L	02/05/14 01:35
Naphthalene	**160**	2.5	ug/L	02/05/14 01:35
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	02/05/14 01:35
Toluene - d8 (Surr)	98.2		% Recovery	02/05/14 01:35
4-Bromofluorobenzene (Surr)	101		% Recovery	02/05/14 01:35

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-19_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-09
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	**0.79**	0.50	ug/L	02/03/14 13:54
Toluene	< 0.50	0.50	ug/L	02/03/14 13:54
Ethylbenzene	**35**	0.50	ug/L	02/03/14 13:54
Total Xylenes	**0.99**	0.50	ug/L	02/03/14 13:54
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 13:54
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 13:54
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 13:54
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 13:54
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 13:54
Ethanol	< 5.0	5.0	ug/L	02/03/14 13:54
TPH as Gasoline	**720**	50	ug/L	02/03/14 13:54
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 13:54
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 13:54
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 13:54
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 13:54
cis-1,2-Dichloroethene	**2.3**	0.50	ug/L	02/03/14 13:54
Trichloroethene	**3.6**	0.50	ug/L	02/03/14 13:54
Tetrachloroethene	**20**	0.50	ug/L	02/03/14 13:54
Naphthalene	**5.1**	0.50	ug/L	02/03/14 13:54
1,2-Dichloroethane-d4 (Surr)	97.1		% Recovery	02/03/14 13:54
Toluene - d8 (Surr)	101		% Recovery	02/03/14 13:54
4-Bromofluorobenzene (Surr)	91.0		% Recovery	02/03/14 13:54

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-20_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-10
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 16:08
Toluene	< 0.50	0.50	ug/L	02/03/14 16:08
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 16:08
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 16:08
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 16:08
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 16:08
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 16:08
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 16:08
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 16:08
Ethanol	< 5.0	5.0	ug/L	02/03/14 16:08
TPH as Gasoline	**370**	50	ug/L	02/03/14 16:08
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 16:08
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 16:08
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 16:08
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 16:08
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 16:08
cis-1,2-Dichloroethene	**13**	0.50	ug/L	02/03/14 16:08
Trichloroethene	**12**	0.50	ug/L	02/03/14 16:08
Tetrachloroethene	**160**	0.50	ug/L	02/03/14 16:08
Naphthalene	< 0.50	0.50	ug/L	02/03/14 16:08
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	02/03/14 16:08
Toluene - d8 (Surr)	99.8		% Recovery	02/03/14 16:08
4-Bromofluorobenzene (Surr)	98.1		% Recovery	02/03/14 16:08

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-22_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-11
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 21:17
Toluene	< 0.50	0.50	ug/L	02/03/14 21:17
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 21:17
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 21:17
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 21:17
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 21:17
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 21:17
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 21:17
Tert-Butanol	**24**	5.0	ug/L	02/03/14 21:17
Ethanol	< 5.0	5.0	ug/L	02/03/14 21:17
TPH as Gasoline	< 50	50	ug/L	02/03/14 21:17
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 21:17
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 21:17
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 21:17
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 21:17
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 21:17
Trichloroethene	**4.6**	0.50	ug/L	02/03/14 21:17
Tetrachloroethene	**1.2**	0.50	ug/L	02/03/14 21:17
Naphthalene	< 0.50	0.50	ug/L	02/03/14 21:17
1,2-Dichloroethane-d4 (Surr)	97.3		% Recovery	02/03/14 21:17
Toluene - d8 (Surr)	101		% Recovery	02/03/14 21:17
4-Bromofluorobenzene (Surr)	89.2		% Recovery	02/03/14 21:17

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **TB1_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-12
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	01/31/14 13:30
Toluene	< 0.50	0.50	ug/L	01/31/14 13:30
Ethylbenzene	< 0.50	0.50	ug/L	01/31/14 13:30
Total Xylenes	< 0.50	0.50	ug/L	01/31/14 13:30
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	01/31/14 13:30
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	01/31/14 13:30
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	01/31/14 13:30
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	01/31/14 13:30
Tert-Butanol	< 5.0	5.0	ug/L	01/31/14 13:30
Ethanol	< 5.0	5.0	ug/L	01/31/14 13:30
TPH as Gasoline	< 50	50	ug/L	01/31/14 13:30
1,2-Dichloroethane	< 0.50	0.50	ug/L	01/31/14 13:30
1,2-Dibromoethane	< 0.50	0.50	ug/L	01/31/14 13:30
1,2-Dichloroethane-d4 (Surr)	97.7		% Recovery	01/31/14 13:30
Toluene - d8 (Surr)	99.4		% Recovery	01/31/14 13:30

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-23_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-13
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 21:49
Toluene	< 0.50	0.50	ug/L	02/03/14 21:49
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 21:49
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 21:49
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 21:49
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 21:49
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 21:49
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 21:49
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 21:49
Ethanol	< 5.0	5.0	ug/L	02/03/14 21:49
TPH as Gasoline	**260**	50	ug/L	02/03/14 21:49
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 21:49
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 21:49
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 21:49
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 21:49
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 21:49
cis-1,2-Dichloroethene	**16**	0.50	ug/L	02/03/14 21:49
Trichloroethene	**11**	0.50	ug/L	02/03/14 21:49
Tetrachloroethene	**100**	0.50	ug/L	02/03/14 21:49
Naphthalene	< 0.50	0.50	ug/L	02/03/14 21:49
1,2-Dichloroethane-d4 (Surr)	95.8		% Recovery	02/03/14 21:49
Toluene - d8 (Surr)	100		% Recovery	02/03/14 21:49
4-Bromofluorobenzene (Surr)	89.0		% Recovery	02/03/14 21:49

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-24_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-14
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 22:21
Toluene	< 0.50	0.50	ug/L	02/03/14 22:21
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 22:21
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 22:21
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 22:21
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 22:21
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 22:21
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 22:21
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 22:21
Ethanol	< 5.0	5.0	ug/L	02/03/14 22:21
TPH as Gasoline	< 50	50	ug/L	02/03/14 22:21
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 22:21
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 22:21
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 22:21
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 22:21
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 22:21
Trichloroethene	< 0.50	0.50	ug/L	02/03/14 22:21
Tetrachloroethene	**1.2**	0.50	ug/L	02/03/14 22:21
Naphthalene	< 0.50	0.50	ug/L	02/03/14 22:21
1,2-Dichloroethane-d4 (Surr)	97.4		% Recovery	02/03/14 22:21
Toluene - d8 (Surr)	100		% Recovery	02/03/14 22:21
4-Bromofluorobenzene (Surr)	89.2		% Recovery	02/03/14 22:21

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-4_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-15
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 22:52
Toluene	< 0.50	0.50	ug/L	02/03/14 22:52
Ethylbenzene	**10**	0.50	ug/L	02/03/14 22:52
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 22:52
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 22:52
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 22:52
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 22:52
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 22:52
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 22:52
Ethanol	< 5.0	5.0	ug/L	02/03/14 22:52
TPH as Gasoline	**300**	50	ug/L	02/03/14 22:52
Gasoline Hydrocarbons	**230**	50	ug/L	02/03/14 22:52
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 22:52
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 22:52
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 22:52
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 22:52
cis-1,2-Dichloroethene	**1.6**	0.50	ug/L	02/03/14 22:52
Trichloroethene	**2.4**	0.50	ug/L	02/03/14 22:52
Tetrachloroethene	**28**	0.50	ug/L	02/03/14 22:52
Naphthalene	**3.2**	0.50	ug/L	02/03/14 22:52
1,2-Dichloroethane-d4 (Surr)	96.1		% Recovery	02/03/14 22:52
Toluene - d8 (Surr)	100		% Recovery	02/03/14 22:52
4-Bromofluorobenzene (Surr)	90.0		% Recovery	02/03/14 22:52

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-6_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-16
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	**810**	2.5	ug/L	02/05/14 01:02
Toluene	**44**	2.5	ug/L	02/05/14 01:02
Ethylbenzene	**1700**	2.5	ug/L	02/05/14 01:02
Total Xylenes	**870**	2.5	ug/L	02/05/14 01:02
Methyl-t-butyl ether (MTBE)	**86**	2.5	ug/L	02/05/14 01:02
Diisopropyl ether (DIPE)	< 2.5	2.5	ug/L	02/05/14 01:02
Ethyl-t-butyl ether (ETBE)	< 2.5	2.5	ug/L	02/05/14 01:02
Tert-amyl methyl ether (TAME)	< 2.5	2.5	ug/L	02/05/14 01:02
Tert-Butanol	**27**	15	ug/L	02/05/14 01:02
Ethanol	< 25	25	ug/L	02/05/14 01:02
TPH as Gasoline	**15000**	250	ug/L	02/05/14 01:02
1,2-Dichloroethane	< 2.5	2.5	ug/L	02/05/14 01:02
1,2-Dibromoethane	< 2.5	2.5	ug/L	02/05/14 01:02
Vinyl Chloride	< 2.5	2.5	ug/L	02/05/14 01:02
trans-1,2-Dichloroethene	< 2.5	2.5	ug/L	02/05/14 01:02
cis-1,2-Dichloroethene	< 2.5	2.5	ug/L	02/05/14 01:02
Trichloroethene	< 2.5	2.5	ug/L	02/05/14 01:02
Tetrachloroethene	< 2.5	2.5	ug/L	02/05/14 01:02
Naphthalene	**520**	2.5	ug/L	02/05/14 01:02
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	02/05/14 01:02
Toluene - d8 (Surr)	98.8		% Recovery	02/05/14 01:02
4-Bromofluorobenzene (Surr)	100		% Recovery	02/05/14 01:02

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-7_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-17
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 23:23
Toluene	< 0.50	0.50	ug/L	02/03/14 23:23
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 23:23
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 23:23
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 23:23
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 23:23
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 23:23
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 23:23
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 23:23
Ethanol	< 5.0	5.0	ug/L	02/03/14 23:23
TPH as Gasoline	**260**	50	ug/L	02/03/14 23:23
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 23:23
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 23:23
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 23:23
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 23:23
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 23:23
cis-1,2-Dichloroethene	**6.8**	0.50	ug/L	02/03/14 23:23
Trichloroethene	**8.3**	0.50	ug/L	02/03/14 23:23
Tetrachloroethene	**110**	0.50	ug/L	02/03/14 23:23
Naphthalene	< 0.50	0.50	ug/L	02/03/14 23:23
1,2-Dichloroethane-d4 (Surr)	96.0		% Recovery	02/03/14 23:23
Toluene - d8 (Surr)	99.5		% Recovery	02/03/14 23:23
4-Bromofluorobenzene (Surr)	88.5		% Recovery	02/03/14 23:23

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **MW-8_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-18
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	02/03/14 23:55
Toluene	< 0.50	0.50	ug/L	02/03/14 23:55
Ethylbenzene	< 0.50	0.50	ug/L	02/03/14 23:55
Total Xylenes	< 0.50	0.50	ug/L	02/03/14 23:55
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	02/03/14 23:55
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	02/03/14 23:55
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	02/03/14 23:55
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	02/03/14 23:55
Tert-Butanol	< 5.0	5.0	ug/L	02/03/14 23:55
Ethanol	< 5.0	5.0	ug/L	02/03/14 23:55
TPH as Gasoline	**80**	50	ug/L	02/03/14 23:55
(Note: Primarily compounds not found in typical Gasoline)				
Gasoline Hydrocarbons	< 50	50	ug/L	02/03/14 23:55
1,2-Dichloroethane	< 0.50	0.50	ug/L	02/03/14 23:55
1,2-Dibromoethane	< 0.50	0.50	ug/L	02/03/14 23:55
Vinyl Chloride	< 0.50	0.50	ug/L	02/03/14 23:55
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	02/03/14 23:55
cis-1,2-Dichloroethene	**2.0**	0.50	ug/L	02/03/14 23:55
Trichloroethene	**1.6**	0.50	ug/L	02/03/14 23:55
Tetrachloroethene	**16**	0.50	ug/L	02/03/14 23:55
Naphthalene	< 0.50	0.50	ug/L	02/03/14 23:55
1,2-Dichloroethane-d4 (Surr)	96.5		% Recovery	02/03/14 23:55
Toluene - d8 (Surr)	101		% Recovery	02/03/14 23:55
4-Bromofluorobenzene (Surr)	89.0		% Recovery	02/03/14 23:55

KIFF Analytical LLC

Report Number : 87262
Date : 08/13/2014

Sample : **FD1_20140131**
Project Name : **256390**
Project Number : Lab Number : 87262-19
Matrix : Water Sample Date :01/28/2014 Analysis Method: EPA 8260B

Parameter	Measured Value	Method Reporting Limit	Units	Date/Time Analyzed
Benzene	**36**	15	ug/L	02/03/14 12:26
Toluene	**15**	15	ug/L	02/03/14 12:26
Ethylbenzene	**3000**	15	ug/L	02/03/14 12:26
Total Xylenes	**10000**	15	ug/L	02/03/14 12:26
Methyl-t-butyl ether (MTBE)	< 15	15	ug/L	02/03/14 12:26
Diisopropyl ether (DIPE)	< 15	15	ug/L	02/03/14 12:26
Ethyl-t-butyl ether (ETBE)	< 15	15	ug/L	02/03/14 12:26
Tert-amyl methyl ether (TAME)	< 15	15	ug/L	02/03/14 12:26
Tert-Butanol	< 70	70	ug/L	02/03/14 12:26
Ethanol	< 150	150	ug/L	02/03/14 12:26
TPH as Gasoline	**47000**	1500	ug/L	02/03/14 12:26
1,2-Dichloroethane	< 15	15	ug/L	02/03/14 12:26
1,2-Dibromoethane	< 15	15	ug/L	02/03/14 12:26
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	02/03/14 12:26
Toluene - d8 (Surr)	104		% Recovery	02/03/14 12:26

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QC Report : Method Blank Data

Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	01/31/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	01/31/2014
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	01/31/2014
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
1,2-Dichloroethane-d4 (Surr)	97.6		%	EPA 8260B	01/31/2014
Toluene - d8 (Surr)	102		%	EPA 8260B	01/31/2014
4-Bromofluorobenzene (Surr)	88.3		%	EPA 8260B	01/31/2014

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	01/31/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	01/31/2014
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	01/31/2014
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	01/31/2014
1,2-Dichloroethane-d4 (Surr)	96.6		%	EPA 8260B	01/31/2014
Toluene - d8 (Surr)	98.7		%	EPA 8260B	01/31/2014
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/03/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	02/03/2014
Gasoline Hydrocarbons	< 50	50	ug/L	EPA 8260B	02/03/2014
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014

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Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
1,2-Dichloroethane-d4 (Surr)	96.2		%	EPA 8260B	02/03/2014
Toluene - d8 (Surr)	100		%	EPA 8260B	02/03/2014
4-Bromofluorobenzene (Surr)	89.5		%	EPA 8260B	02/03/2014
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/03/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	02/03/2014
Gasoline Hydrocarbons	< 50	50	ug/L	EPA 8260B	02/03/2014
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
1,2-Dichloroethane-d4 (Surr)	95.8		%	EPA 8260B	02/03/2014
Toluene - d8 (Surr)	101		%	EPA 8260B	02/03/2014
4-Bromofluorobenzene (Surr)	89.5		%	EPA 8260B	02/03/2014

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/05/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/05/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	02/05/2014
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/05/2014
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	02/05/2014
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/03/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	02/03/2014
Gasoline Hydrocarbons	< 50	50	ug/L	EPA 8260B	02/03/2014
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2014
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	02/03/2014
Toluene - d8 (Surr)	98.8		%	EPA 8260B	02/03/2014
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	02/03/2014

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 87262

Date : 08/13/2014

QC Report : Method Blank Data

Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/04/2014
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	02/04/2014
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/04/2014
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2014
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	02/04/2014
Toluene - d8 (Surr)	99.1		%	EPA 8260B	02/04/2014
4-Bromofluorobenzene (Surr)	97.9		%	EPA 8260B	02/04/2014

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 87262

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 08/13/2014

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	87262-01	<0.50	40.3	40.2	39.7	38.3	ug/L	EPA 8260B	1/31/14	98.4	95.1	3.38	70.0-130	25
1,2-Dichloroethane														
	87262-01	<0.50	40.0	39.9	42.8	41.7	ug/L	EPA 8260B	1/31/14	107	104	2.47	70.0-130	25
Benzene														
	87262-01	2.7	40.0	39.9	42.1	42.3	ug/L	EPA 8260B	1/31/14	98.6	99.1	0.533	70.0-130	25
Diisopropyl ether														
	87262-01	<0.50	40.0	39.9	40.4	40.8	ug/L	EPA 8260B	1/31/14	101	102	1.22	70.0-130	25
Ethanol														
	87262-01	11	100	99.8	79.6	68.0	ug/L	EPA 8260B	1/31/14	68.3	56.9	18.2	55.0-150	25
Ethyl-tert-butyl ether														
	87262-01	<0.50	40.0	39.9	41.4	42.2	ug/L	EPA 8260B	1/31/14	103	106	2.25	70.0-130	25
Ethylbenzene														
	87262-01	730	40.0	39.9	692	696	ug/L	EPA 8260B	1/31/14	**0.00**	**0.00**	0.00	70.0-130	25
Methyl-t-butyl ether														
	87262-01	<0.50	39.9	39.8	44.2	44.7	ug/L	EPA 8260B	1/31/14	111	112	1.23	70.0-130	25
P + M Xylene														
	87262-01	1300	40.0	39.9	1220	1230	ug/L	EPA 8260B	1/31/14	**0.00**	**0.00**	0.00	70.0-130	25
Tert-Butanol														
	87262-01	<5.0	200	200	204	209	ug/L	EPA 8260B	1/31/14	102	105	2.54	70.0-130	25

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Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-amyl-methyl ether														
	87262-01	<0.50	40.0	39.9	42.4	42.9	ug/L	EPA 8260B	1/31/14	106	108	1.50	70.0-130	25
Tetrachloroethene														
	87262-01	<0.50	40.0	39.9	38.8	37.7	ug/L	EPA 8260B	1/31/14	97.1	94.5	2.78	70.0-130	25
Toluene														
	87262-01	2.3	40.0	39.9	41.9	41.7	ug/L	EPA 8260B	1/31/14	99.0	98.6	0.393	70.0-130	25
Trichloroethene														
	87262-01	<0.50	40.0	39.9	38.4	38.2	ug/L	EPA 8260B	1/31/14	96.1	95.8	0.339	70.0-130	25
Vinyl Chloride														
	87262-01	<0.50	40.0	39.9	37.2	37.0	ug/L	EPA 8260B	1/31/14	93.1	92.6	0.526	70.0-130	25
cis-1,2-Dichloroethene														
	87262-01	1.6	40.0	39.9	41.6	41.6	ug/L	EPA 8260B	1/31/14	99.8	100	0.228	70.0-130	25
t-1,2-Dichloroethene														
	87262-01	<5.0	40.0	39.9	39.3	39.1	ug/L	EPA 8260B	1/31/14	98.3	98.0	0.295	70.0-130	25
1,2-Dibromoethane														
	87260-11	<0.50	40.3	40.3	37.0	36.7	ug/L	EPA 8260B	1/31/14	91.9	91.0	1.04	70.0-130	25
1,2-Dichloroethane														
	87260-11	<0.50	40.0	40.0	36.7	36.1	ug/L	EPA 8260B	1/31/14	91.6	90.3	1.52	70.0-130	25

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Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	87260-11	<0.50	40.0	40.0	40.0	38.7	ug/L	EPA 8260B	1/31/14	100	96.8	3.28	70.0-130	25
Diisopropyl ether														
	87260-11	<0.50	40.0	40.0	40.4	39.8	ug/L	EPA 8260B	1/31/14	101	99.4	1.59	70.0-130	25
Ethanol														
	87260-11	<5.0	100	100	106	107	ug/L	EPA 8260B	1/31/14	106	107	1.66	55.0-150	25
Ethyl-tert-butyl ether														
	87260-11	<0.50	40.0	40.0	40.1	39.0	ug/L	EPA 8260B	1/31/14	100	97.6	2.62	70.0-130	25
Ethylbenzene														
	87260-11	<0.50	40.0	40.0	39.3	37.7	ug/L	EPA 8260B	1/31/14	98.3	94.2	4.27	70.0-130	25
Methyl-t-butyl ether														
	87260-11	<0.50	39.9	39.9	37.2	36.6	ug/L	EPA 8260B	1/31/14	93.2	91.7	1.64	70.0-130	25
P + M Xylene														
	87260-11	<0.50	40.0	40.0	39.7	37.7	ug/L	EPA 8260B	1/31/14	99.2	94.2	5.19	70.0-130	25
Tert-Butanol														
	87260-11	<5.0	200	200	200	200	ug/L	EPA 8260B	1/31/14	99.9	100	0.222	70.0-130	25
Tert-amyl-methyl ether														
	87260-11	<0.50	40.0	40.0	40.6	40.4	ug/L	EPA 8260B	1/31/14	101	101	0.443	70.0-130	25
Toluene														
	87260-11	<0.50	40.0	40.0	40.2	39.0	ug/L	EPA 8260B	1/31/14	100	97.6	2.99	70.0-130	25

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Date : 08/13/2014

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	87280-03	<0.50	40.3	40.3	36.4	36.4	ug/L	EPA 8260B	2/3/14	90.3	90.4	0.120	70.0-130	25
1,2-Dichloroethane														
	87280-03	<0.50	40.0	40.0	34.9	35.1	ug/L	EPA 8260B	2/3/14	87.3	87.7	0.463	70.0-130	25
Benzene														
	87280-03	<0.50	40.0	40.0	39.3	38.3	ug/L	EPA 8260B	2/3/14	98.2	95.8	2.49	70.0-130	25
Diisopropyl ether														
	87280-03	<0.50	40.0	40.0	37.6	37.7	ug/L	EPA 8260B	2/3/14	93.9	94.3	0.476	70.0-130	25
Ethanol														
	87280-03	<5.0	100	100	105	108	ug/L	EPA 8260B	2/3/14	105	108	3.52	55.0-150	25
Ethyl-tert-butyl ether														
	87280-03	<0.50	40.0	40.0	40.1	39.6	ug/L	EPA 8260B	2/3/14	100	99.0	1.31	70.0-130	25
Ethylbenzene														
	87280-03	<0.50	40.0	40.0	38.1	36.9	ug/L	EPA 8260B	2/3/14	95.2	92.4	3.08	70.0-130	25
Methyl-t-butyl ether														
	87280-03	<0.50	39.9	39.9	39.2	39.4	ug/L	EPA 8260B	2/3/14	98.4	98.8	0.322	70.0-130	25
Naphthalene														
	87280-03	<0.50	40.0	40.0	39.7	39.4	ug/L	EPA 8260B	2/3/14	99.3	98.4	0.822	70.0-130	25

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Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	87280-03	<0.50	40.0	40.0	38.2	37.0	ug/L	EPA 8260B	2/3/14	95.4	92.5	3.11	70.0-130	25
Tert-Butanol														
	87280-03	<5.0	200	200	194	194	ug/L	EPA 8260B	2/3/14	97.2	97.1	0.166	70.0-130	25
Tert-amyl-methyl ether														
	87280-03	<0.50	40.0	40.0	39.2	39.2	ug/L	EPA 8260B	2/3/14	98.1	98.0	0.0923	70.0-130	25
Tetrachloroethene														
	87280-03	<0.50	40.0	40.0	37.2	36.0	ug/L	EPA 8260B	2/3/14	93.0	89.9	3.39	70.0-130	25
Toluene														
	87280-03	<0.50	40.0	40.0	40.2	38.9	ug/L	EPA 8260B	2/3/14	100	97.3	3.23	70.0-130	25
Trichloroethene														
	87280-03	<0.50	40.0	40.0	37.9	35.9	ug/L	EPA 8260B	2/3/14	94.8	89.8	5.41	70.0-130	25
Vinyl Chloride														
	87280-03	<0.50	40.0	40.0	36.1	34.3	ug/L	EPA 8260B	2/3/14	90.2	85.7	5.12	70.0-130	25
cis-1,2-Dichloroethene														
	87280-03	<0.50	40.0	40.0	37.8	37.1	ug/L	EPA 8260B	2/3/14	94.4	92.8	1.76	70.0-130	25
t-1,2-Dichloroethene														
	87280-03	<5.0	40.0	40.0	37.8	36.5	ug/L	EPA 8260B	2/3/14	94.4	91.3	3.28	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 87262

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 08/13/2014

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	87282-01	<0.50	40.3	40.3	36.6	36.6	ug/L	EPA 8260B	2/3/14	90.8	90.8	0.0516	70.0-130	25
1,2-Dichloroethane														
	87282-01	<0.50	40.0	40.0	34.9	34.5	ug/L	EPA 8260B	2/3/14	87.3	86.2	1.34	70.0-130	25
Benzene														
	87282-01	<0.50	40.0	40.0	39.2	38.8	ug/L	EPA 8260B	2/3/14	97.9	97.0	0.919	70.0-130	25
Diisopropyl ether														
	87282-01	<0.50	40.0	40.0	37.3	37.1	ug/L	EPA 8260B	2/3/14	93.3	92.8	0.532	70.0-130	25
Ethanol														
	87282-01	<5.0	100	100	106	104	ug/L	EPA 8260B	2/3/14	106	104	1.62	55.0-150	25
Ethyl-tert-butyl ether														
	87282-01	<0.50	40.0	40.0	39.0	39.4	ug/L	EPA 8260B	2/3/14	97.6	98.5	0.896	70.0-130	25
Ethylbenzene														
	87282-01	<0.50	40.0	40.0	37.7	37.2	ug/L	EPA 8260B	2/3/14	94.3	93.0	1.40	70.0-130	25
Methyl-t-butyl ether														
	87282-01	1.5	39.9	39.9	39.6	39.9	ug/L	EPA 8260B	2/3/14	95.3	96.2	0.854	70.0-130	25
Naphthalene														
	87282-01	<0.50	40.0	40.0	39.6	39.9	ug/L	EPA 8260B	2/3/14	99.1	99.8	0.679	70.0-130	25
P + M Xylene														
	87282-01	<0.50	40.0	40.0	37.9	37.6	ug/L	EPA 8260B	2/3/14	94.7	94.0	0.806	70.0-130	25

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Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	87282-01	<5.0	200	200	195	195	ug/L	EPA 8260B	2/3/14	97.6	97.7	0.0431	70.0-130	25
Tert-amyl-methyl ether														
	87282-01	<0.50	40.0	40.0	38.2	38.3	ug/L	EPA 8260B	2/3/14	95.6	95.7	0.170	70.0-130	25
Tetrachloroethene														
	87282-01	<0.50	40.0	40.0	36.7	36.4	ug/L	EPA 8260B	2/3/14	91.8	91.0	0.853	70.0-130	25
Toluene														
	87282-01	<0.50	40.0	40.0	40.1	39.4	ug/L	EPA 8260B	2/3/14	100	98.5	1.62	70.0-130	25
Trichloroethene														
	87282-01	<0.50	40.0	40.0	37.5	36.7	ug/L	EPA 8260B	2/3/14	93.7	91.8	2.06	70.0-130	25
Vinyl Chloride														
	87282-01	<0.50	40.0	40.0	34.5	34.4	ug/L	EPA 8260B	2/3/14	86.4	86.1	0.264	70.0-130	25
cis-1,2-Dichloroethene														
	87282-01	<0.50	40.0	40.0	37.4	36.7	ug/L	EPA 8260B	2/3/14	93.4	91.8	1.80	70.0-130	25
t-1,2-Dichloroethene														
	87282-01	<5.0	40.0	40.0	37.1	37.0	ug/L	EPA 8260B	2/3/14	92.7	92.4	0.261	70.0-130	25
Ethylbenzene														
	87294-02	<0.50	40.0	40.0	40.0	38.9	ug/L	EPA 8260B	2/5/14	100	97.3	2.75	70.0-130	25

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Naphthalene														
	87294-02	<0.50	40.0	40.0	38.8	38.3	ug/L	EPA 8260B	2/5/14	97.0	95.7	1.31	70.0-130	25
P + M Xylene														
	87294-02	<0.50	40.0	40.0	37.9	36.8	ug/L	EPA 8260B	2/5/14	94.8	92.1	2.83	70.0-130	25
1,2-Dibromoethane														
	87280-02	<0.50	40.3	40.3	39.8	37.6	ug/L	EPA 8260B	2/3/14	98.7	93.2	5.82	70.0-130	25
1,2-Dichloroethane														
	87280-02	<0.50	40.0	40.0	39.9	37.0	ug/L	EPA 8260B	2/3/14	99.8	92.5	7.65	70.0-130	25
Benzene														
	87280-02	<0.50	40.0	40.0	40.9	37.9	ug/L	EPA 8260B	2/3/14	102	94.9	7.56	70.0-130	25
Diisopropyl ether														
	87280-02	<0.50	40.0	40.0	42.8	40.4	ug/L	EPA 8260B	2/3/14	107	101	5.81	70.0-130	25
Ethanol														
	87280-02	<5.0	100	100	122	112	ug/L	EPA 8260B	2/3/14	122	112	8.66	55.0-150	25
Ethyl-tert-butyl ether														
	87280-02	<0.50	40.0	40.0	42.5	39.8	ug/L	EPA 8260B	2/3/14	106	99.5	6.47	70.0-130	25
Ethylbenzene														
	87280-02	<0.50	40.0	40.0	41.9	38.6	ug/L	EPA 8260B	2/3/14	105	96.6	8.23	70.0-130	25

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Methyl-t-butyl ether														
	87280-02	<0.50	39.9	39.9	41.1	38.7	ug/L	EPA 8260B	2/3/14	103	97.1	5.90	70.0-130	25
Naphthalene														
	87280-02	<0.50	40.0	40.0	39.2	37.1	ug/L	EPA 8260B	2/3/14	98.0	92.8	5.53	70.0-130	25
P + M Xylene														
	87280-02	<0.50	40.0	40.0	42.0	38.7	ug/L	EPA 8260B	2/3/14	105	96.7	8.19	70.0-130	25
Tert-Butanol														
	87280-02	<5.0	200	200	203	190	ug/L	EPA 8260B	2/3/14	102	95.2	6.64	70.0-130	25
Tert-amyl-methyl ether														
	87280-02	<0.50	40.0	40.0	42.4	39.7	ug/L	EPA 8260B	2/3/14	106	99.2	6.55	70.0-130	25
Tetrachloroethene														
	87280-02	<0.50	40.0	40.0	41.0	38.3	ug/L	EPA 8260B	2/3/14	102	95.8	6.79	70.0-130	25
Toluene														
	87280-02	<0.50	40.0	40.0	41.6	38.6	ug/L	EPA 8260B	2/3/14	104	96.4	7.72	70.0-130	25
Trichloroethene														
	87280-02	<0.50	40.0	40.0	40.4	37.5	ug/L	EPA 8260B	2/3/14	101	93.7	7.59	70.0-130	25
Vinyl Chloride														
	87280-02	<0.50	40.0	40.0	45.8	42.9	ug/L	EPA 8260B	2/3/14	114	107	6.56	70.0-130	25
cis-1,2-Dichloroethene														
	87280-02	<0.50	40.0	40.0	42.1	39.1	ug/L	EPA 8260B	2/3/14	105	97.8	7.31	70.0-130	25

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t-1,2-Dichloroethene														
	87280-02	<5.0	40.0	40.0	42.3	39.2	ug/L	EPA 8260B	2/3/14	106	98.0	7.57	70.0-130	25
1,2-Dibromoethane														
	87282-10	<0.50	40.3	40.3	39.6	39.3	ug/L	EPA 8260B	2/4/14	98.1	97.5	0.655	70.0-130	25
1,2-Dichloroethane														
	87282-10	<0.50	40.0	40.0	39.1	38.2	ug/L	EPA 8260B	2/4/14	97.7	95.4	2.40	70.0-130	25
Benzene														
	87282-10	<0.50	40.0	40.0	40.7	39.3	ug/L	EPA 8260B	2/4/14	102	98.2	3.51	70.0-130	25
Diisopropyl ether														
	87282-10	<0.50	40.0	40.0	41.9	41.6	ug/L	EPA 8260B	2/4/14	105	104	0.903	70.0-130	25
Ethanol														
	87282-10	<5.0	100	100	121	122	ug/L	EPA 8260B	2/4/14	121	122	0.973	55.0-150	25
Ethyl-tert-butyl ether														
	87282-10	<0.50	40.0	40.0	41.2	41.4	ug/L	EPA 8260B	2/4/14	103	104	0.640	70.0-130	25
Ethylbenzene														
	87282-10	<0.50	40.0	40.0	42.7	41.1	ug/L	EPA 8260B	2/4/14	107	103	4.00	70.0-130	25
Methyl-t-butyl ether														
	87282-10	<0.50	39.9	39.9	39.0	39.3	ug/L	EPA 8260B	2/4/14	97.8	98.6	0.782	70.0-130	25

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Naphthalene														
	87282-10	<0.50	40.0	40.0	39.4	39.4	ug/L	EPA 8260B	2/4/14	98.5	98.5	0.00655	70.0-130	25
P + M Xylene														
	87282-10	<0.50	40.0	40.0	42.8	41.2	ug/L	EPA 8260B	2/4/14	107	103	3.67	70.0-130	25
Tert-Butanol														
	87282-10	<5.0	200	200	203	204	ug/L	EPA 8260B	2/4/14	102	102	0.165	70.0-130	25
Tert-amyl-methyl ether														
	87282-10	<0.50	40.0	40.0	41.6	41.6	ug/L	EPA 8260B	2/4/14	104	104	0.00556	70.0-130	25
Tetrachloroethene														
	87282-10	<0.50	40.0	40.0	40.6	38.9	ug/L	EPA 8260B	2/4/14	102	97.3	4.35	70.0-130	25
Toluene														
	87282-10	<0.50	40.0	40.0	41.6	40.3	ug/L	EPA 8260B	2/4/14	104	101	3.15	70.0-130	25
Trichloroethene														
	87282-10	<0.50	40.0	40.0	40.3	39.0	ug/L	EPA 8260B	2/4/14	101	97.4	3.36	70.0-130	25
Vinyl Chloride														
	87282-10	<0.50	40.0	40.0	42.9	40.8	ug/L	EPA 8260B	2/4/14	107	102	5.04	70.0-130	25
cis-1,2-Dichloroethene														
	87282-10	<0.50	40.0	40.0	41.4	40.5	ug/L	EPA 8260B	2/4/14	103	101	2.10	70.0-130	25
t-1,2-Dichloroethene														
	87282-10	<5.0	40.0	40.0	41.4	40.3	ug/L	EPA 8260B	2/4/14	103	101	2.59	70.0-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 87262

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 08/13/2014

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethanol														
	87294-02	<5.0	100	100	122	120	ug/L	EPA 8260B	2/5/14	122	120	1.72	55.0-150	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2-Dibromoethane	40.3	ug/L	EPA 8260B	1/31/14	99.7	70.0-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	1/31/14	105	70.0-130
Benzene	40.0	ug/L	EPA 8260B	1/31/14	102	70.0-130
Diisopropyl ether	40.0	ug/L	EPA 8260B	1/31/14	102	70.0-130
Ethanol	100	ug/L	EPA 8260B	1/31/14	94.4	55.0-150
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	1/31/14	109	70.0-130
Ethylbenzene	40.0	ug/L	EPA 8260B	1/31/14	100	70.0-130
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	1/31/14	113	70.0-130
P + M Xylene	40.0	ug/L	EPA 8260B	1/31/14	97.4	70.0-130
Tert-Butanol	200	ug/L	EPA 8260B	1/31/14	101	70.0-130
Tert-amyl-methyl ether	40.0	ug/L	EPA 8260B	1/31/14	112	70.0-130
Tetrachloroethene	40.0	ug/L	EPA 8260B	1/31/14	100	70.0-130
Toluene	40.0	ug/L	EPA 8260B	1/31/14	104	70.0-130
Trichloroethene	40.0	ug/L	EPA 8260B	1/31/14	102	70.0-130
Vinyl Chloride	40.0	ug/L	EPA 8260B	1/31/14	94.2	70.0-130
cis-1,2-Dichloroethene	40.0	ug/L	EPA 8260B	1/31/14	102	70.0-130
t-1,2-Dichloroethene	40.0	ug/L	EPA 8260B	1/31/14	101	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	1/31/14	84.5	70.0-130
1,2-Dichloroethane	39.8	ug/L	EPA 8260B	1/31/14	83.6	70.0-130
Benzene	39.8	ug/L	EPA 8260B	1/31/14	91.2	70.0-130
Diisopropyl ether	39.8	ug/L	EPA 8260B	1/31/14	90.3	70.0-130
Ethanol	99.5	ug/L	EPA 8260B	1/31/14	97.3	55.0-150

KIFF ANALYTICAL, LLC

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Ethyl-tert-butyl ether	39.8	ug/L	EPA 8260B	1/31/14	89.5	70.0-130
Ethylbenzene	39.8	ug/L	EPA 8260B	1/31/14	90.8	70.0-130
Methyl-t-butyl ether	39.7	ug/L	EPA 8260B	1/31/14	83.6	70.0-130
P + M Xylene	39.8	ug/L	EPA 8260B	1/31/14	90.1	70.0-130
TPH as Gasoline	485	ug/L	EPA 8260B	1/31/14	105	70.0-130
Tert-Butanol	199	ug/L	EPA 8260B	1/31/14	94.0	70.0-130
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	1/31/14	92.8	70.0-130
Toluene	39.8	ug/L	EPA 8260B	1/31/14	91.6	70.0-130
1,2-Dibromoethane	40.1	ug/L	EPA 8260B	2/3/14	93.3	70.0-130
1,2-Dichloroethane	39.8	ug/L	EPA 8260B	2/3/14	89.4	70.0-130
Benzene	39.8	ug/L	EPA 8260B	2/3/14	101	70.0-130
Diisopropyl ether	39.8	ug/L	EPA 8260B	2/3/14	96.3	70.0-130
Ethanol	99.5	ug/L	EPA 8260B	2/3/14	104	55.0-150
Ethyl-tert-butyl ether	39.8	ug/L	EPA 8260B	2/3/14	102	70.0-130
Ethylbenzene	39.8	ug/L	EPA 8260B	2/3/14	96.9	70.0-130
Methyl-t-butyl ether	39.7	ug/L	EPA 8260B	2/3/14	99.4	70.0-130
Naphthalene	39.8	ug/L	EPA 8260B	2/3/14	102	70.0-130
P + M Xylene	39.8	ug/L	EPA 8260B	2/3/14	97.3	70.0-130
TPH as Gasoline	489	ug/L	EPA 8260B	2/3/14	104	70.0-130
Tert-Butanol	199	ug/L	EPA 8260B	2/3/14	100	70.0-130
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	2/3/14	102	70.0-130
Tetrachloroethene	39.8	ug/L	EPA 8260B	2/3/14	95.1	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Date : 08/13/2014

Project Name : **256390**

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Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	39.8	ug/L	EPA 8260B	2/3/14	103	70.0-130
Trichloroethene	39.8	ug/L	EPA 8260B	2/3/14	97.0	70.0-130
Vinyl Chloride	39.8	ug/L	EPA 8260B	2/3/14	91.0	70.0-130
cis-1,2-Dichloroethene	39.8	ug/L	EPA 8260B	2/3/14	95.6	70.0-130
t-1,2-Dichloroethene	39.8	ug/L	EPA 8260B	2/3/14	96.3	70.0-130
1,2-Dibromoethane	40.4	ug/L	EPA 8260B	2/3/14	90.4	70.0-130
1,2-Dichloroethane	40.1	ug/L	EPA 8260B	2/3/14	90.0	70.0-130
Benzene	40.1	ug/L	EPA 8260B	2/3/14	100	70.0-130
Diisopropyl ether	40.1	ug/L	EPA 8260B	2/3/14	95.2	70.0-130
Ethanol	100	ug/L	EPA 8260B	2/3/14	121	55.0-150
Ethyl-tert-butyl ether	40.1	ug/L	EPA 8260B	2/3/14	92.5	70.0-130
Ethylbenzene	40.1	ug/L	EPA 8260B	2/3/14	96.8	70.0-130
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	2/3/14	90.2	70.0-130
Naphthalene	40.1	ug/L	EPA 8260B	2/3/14	103	70.0-130
P + M Xylene	40.1	ug/L	EPA 8260B	2/3/14	97.3	70.0-130
TPH as Gasoline	486	ug/L	EPA 8260B	2/3/14	101	70.0-130
Tert-Butanol	200	ug/L	EPA 8260B	2/3/14	97.7	70.0-130
Tert-amyl-methyl ether	40.1	ug/L	EPA 8260B	2/3/14	92.3	70.0-130
Tetrachloroethene	40.1	ug/L	EPA 8260B	2/3/14	92.2	70.0-130
Toluene	40.1	ug/L	EPA 8260B	2/3/14	100	70.0-130
Trichloroethene	40.1	ug/L	EPA 8260B	2/3/14	94.5	70.0-130
Vinyl Chloride	40.1	ug/L	EPA 8260B	2/3/14	87.6	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
cis-1,2-Dichloroethene	40.1	ug/L	EPA 8260B	2/3/14	96.8	70.0-130
t-1,2-Dichloroethene	40.1	ug/L	EPA 8260B	2/3/14	93.6	70.0-130
Ethylbenzene	39.9	ug/L	EPA 8260B	2/5/14	96.1	70.0-130
Naphthalene	39.9	ug/L	EPA 8260B	2/5/14	94.6	70.0-130
P + M Xylene	39.9	ug/L	EPA 8260B	2/5/14	91.0	70.0-130
TPH as Gasoline	486	ug/L	EPA 8260B	2/5/14	95.1	70.0-130
Ethanol	99.8	ug/L	EPA 8260B	2/5/14	107	55.0-150
1,2-Dibromoethane	40.5	ug/L	EPA 8260B	2/3/14	101	70.0-130
1,2-Dichloroethane	40.2	ug/L	EPA 8260B	2/3/14	102	70.0-130
Benzene	40.2	ug/L	EPA 8260B	2/3/14	104	70.0-130
Diisopropyl ether	40.2	ug/L	EPA 8260B	2/3/14	112	70.0-130
Ethanol	100	ug/L	EPA 8260B	2/3/14	120	55.0-150
Ethyl-tert-butyl ether	40.2	ug/L	EPA 8260B	2/3/14	110	70.0-130
Ethylbenzene	40.2	ug/L	EPA 8260B	2/3/14	106	70.0-130
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	2/3/14	108	70.0-130
Naphthalene	40.2	ug/L	EPA 8260B	2/3/14	100	70.0-130
P + M Xylene	40.2	ug/L	EPA 8260B	2/3/14	107	70.0-130
TPH as Gasoline	484	ug/L	EPA 8260B	2/3/14	107	70.0-130
Tert-Butanol	201	ug/L	EPA 8260B	2/3/14	102	70.0-130
Tert-amyl-methyl ether	40.2	ug/L	EPA 8260B	2/3/14	110	70.0-130
Tetrachloroethene	40.2	ug/L	EPA 8260B	2/3/14	104	70.0-130

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.2	ug/L	EPA 8260B	2/3/14	105	70.0-130
Trichloroethene	40.2	ug/L	EPA 8260B	2/3/14	104	70.0-130
Vinyl Chloride	40.2	ug/L	EPA 8260B	2/3/14	118	70.0-130
cis-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	2/3/14	108	70.0-130
t-1,2-Dichloroethene	40.2	ug/L	EPA 8260B	2/3/14	109	70.0-130
1,2-Dibromoethane	40.2	ug/L	EPA 8260B	2/4/14	96.6	70.0-130
1,2-Dichloroethane	39.9	ug/L	EPA 8260B	2/4/14	95.9	70.0-130
Benzene	39.9	ug/L	EPA 8260B	2/4/14	100	70.0-130
Diisopropyl ether	39.9	ug/L	EPA 8260B	2/4/14	103	70.0-130
Ethanol	99.8	ug/L	EPA 8260B	2/4/14	119	55.0-150
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	2/4/14	102	70.0-130
Ethylbenzene	39.9	ug/L	EPA 8260B	2/4/14	104	70.0-130
Methyl-t-butyl ether	39.8	ug/L	EPA 8260B	2/4/14	96.5	70.0-130
Naphthalene	39.9	ug/L	EPA 8260B	2/4/14	98.7	70.0-130
P + M Xylene	39.9	ug/L	EPA 8260B	2/4/14	104	70.0-130
TPH as Gasoline	488	ug/L	EPA 8260B	2/4/14	105	70.0-130
Tert-Butanol	200	ug/L	EPA 8260B	2/4/14	100	70.0-130
Tert-amyl-methyl ether	39.9	ug/L	EPA 8260B	2/4/14	102	70.0-130
Tetrachloroethene	39.9	ug/L	EPA 8260B	2/4/14	100	70.0-130
Toluene	39.9	ug/L	EPA 8260B	2/4/14	102	70.0-130
Trichloroethene	39.9	ug/L	EPA 8260B	2/4/14	99.6	70.0-130
Vinyl Chloride	39.9	ug/L	EPA 8260B	2/4/14	105	70.0-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
cis-1,2-Dichloroethene	39.9	ug/L	EPA 8260B	2/4/14	102	70.0-130
t-1,2-Dichloroethene	39.9	ug/L	EPA 8260B	2/4/14	102	70.0-130

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

87262

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 2
Cooler # ____ of ____

anteagroup

1Q14 GW Event

Required Lab Information:		**Required** Project Information:				**Required** Invoice Information:					
Lab Name:	Kiff Analytical	Site ID #:	256390	Task:	WG_Q_201401	Send Invoice to:	Sandy Hayes				
Address:	2795 Second Street #300	AnteaGrp proj#				Address:	11050 White Rock Road, Suite 110			Turn around time (days)	10
Davis, CA 95618		Site Address	402 DELAWARE ST			City/State	Rancho Cordova CA 95670	Phone #:	916-638-2085	QC level Required: Standard	Special / Mark one
Lab PM:	Scott Forbes	City	SAN MATEO	State	CA 94402	Reimbursement project?		Non-reimbursement project?	Y / Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	P: 530-297-4800 F: 530-297-4808	AG PM Name:	Nadine Periat			Send EDD to	Agdataview.us@anteagroup.com			MA MCP Cert?	CT RCP Cert? / Mark One
Lab PM email	SForbes@kiffanalytical.com	Phone/Fax:	P: 408-606-4915 F: 408-225-8506			CC Hardcopy report to				Lab Project ID (lab use)	
Applicable Lab Quote #:		AG PM Email:	Nadine.Periat@anteagroup.com			CC Hardcopy report to				Requested Analyses	

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL OL; WIPE SW; AMBIENT AIR AA; SVE AIR AE; SOIL GAS GS; WATER W; SURFACE WATER WS; WATER QC WQ; SLUDGE SL; RINSEATE WH; OTHER OT; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 GC/MS GRO	8260 PCE	8260 TCE	8260 BTEX/MTBE/TOxyCA	8260 cis-1,2 DCE	8260 trans-1,2DCE	8260 Vinyl Chloride	8260/Naphthalene		Comments/Lab Sample I.D.	
1	MW-21_20140131	WG	G	1/28/14	1405	3	N				X					X	X	X	X	X	X	X	X		7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol	01
2	MW-10R_20140131	WG	G	1/28/14	1510	3	N				X					X	X	X	X	X	X	X	X			02
3	MW-12B_20140131	WG	G	1/28/14	1330	3	N				X					X	X	X	X	X	X	X	X			03
4	MW-13B_20140131	WG	G	1/28/14	1327	3	N				X					X	X	X	X	X	X	X	X			04
5	MW-14B_20140131	WG	G	1/28/14	1035	3	N				X					X	X	X	X	X	X	X	X			05
6	MW-15B_20140131	WG	G	1/28/14	1230	3	N				X					X	X	X	X	X	X	X	X			06
7	MW-17B_20140131	WG	G	1/28/14	1125	3	N				X					X	X	X	X	X	X	X	X			07
8	MW-18_20140131	WG	G	1/28/14	1355	3	N				X					X	X	X	X	X	X	X	X			08
9	MW-19_20140131	WG	G	1/28/14	1440	3	N				X					X	X	X	X	X	X	X	X			09
10	MW-20_20140131	WG	G	1/28/14	1200	3	N				X					X	X	X	X	X	X	X	X			10
11	MW-22_20140131	WG	G	1/28/14	1230	3	N				X					X	X	X	X	X	X	X	X			11
12	TB1_20140131	W	G	1/28/14	0700	2	N				X					X		X								12

Additional Comments/Special Instructions:

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
D-28 / BTS	1/28/14	1620	D-28 / BTS	1/28/14	1620
Ryan / BTS	1/29/14	1430	Ryan (Sample Custody)	1/29/14	1430
			In the Analytical Lab	013014	1316

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N

SHIPPING METHOD (mark as appropriate): UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE: PRINT Name of SAMPLER: Devon Runyan; SIGNATURE of SAMPLER: DR; DATE Signed: 1/28/14; Time: 1620

Inogen Environmental Alliance

20140131.256390.WG_Q_201401.BO

87262

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

anteagroup

1Q14 GW Event

Required Lab Information:		**Required** Project Information:				**Required** Invoice Information:					
Lab Name:	Kiff Analytical	Site ID #:	256390	Task:	WG_Q_201401	Send Invoice to:	Sandy Hayes				
Address:	2795 Second Street #300	AnteaGrp proj#				Address:	11050 White Rock Road, Suite 110			Turn around time (days)	10
Davis, CA 95618		Site Address	402 DELAWARE ST			City/State	Rancho Cordova CA 95670	Phone #:	916-638-2085	QC level Required: Standard	Special / Mark one
Lab PM:	Scott Forbes	City	SAN MATEO	State	CA 94402	Reimbursement project?		Non-reimbursement project?	Y / Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	P: 530-297-4800 F: 530-297-4808	AG PM Name:	Nadine Periat			Send EDD to	Agdataview.us@anteagroup.com			MA MCP Cert?	CT RCP Cert? / Mark One
Lab PM email	SForbes@kiffanalytical.com	Phone/Fax:	P: 408-606-4915 F: 408-225-8506			CC Hardcopy report to				Lab Project ID (lab use)	
Applicable Lab Quote #:		AG PM Email:	Nadine.Periat@anteagroup.com			CC Hardcopy report to				Requested Analyses	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 GC/MS GRO	8260 PCE	8260 TCE	8260/BtexMTBE/OxyCA	8260 cis-1,2 DCE	8260 trans-1,2DCE	8260 Vinyl Chloride	8260/Naphthalene		Comments/Lab Sample I.D.	
1	MW-23_20140131	WG	G	1/28/14	1000	3	N				X					x	x	x	x	x	x	x	x		7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol	13
2	MW-24_20140131	WG	G	1/28/14	1100	3	N				X					x	x	x	x	x	x	x	x			14
3	MW-4_20140131	WG	G	1/28/14	1120	3	N				X					x	x	x	x	x	x	x	x			15
4	MW-6_20140131	WG	G	1/28/14	1438	3	N				X					x	x	x	x	x	x	x	x			16
5	MW-7_20140131	WG	G	1/28/14	1155	3	N				X					x	x	x	x	x	x	x	x			17
6	MW-8_20140131	WG	G	1/28/14	0955	3	N				X					x	x	x	x	x	x	x	x			18
7	~~MW-9_20140131~~	~~WG~~														x	x	x	x	x	x	x	x		2x	
8	FD1_20140131	W	G	1/28/14	1515	3	N				X					x			x							19
9																										
10																										
11																										
12																										

Additional Comments/Special Instructions:

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
D-2e / BTS	1/28/14	1620	D-2e / BTS	1/28/14	1620
[signature] / BTS	1/29/14	1430	[signature] (Courier Custody)	1/29/14	1430
			[signature] Kiff Analytical LLC	013014	1316

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SHIPPING METHOD (mark as appropriate): UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE: PRINT Name of SAMPLER: Devin Rayned; SIGNATURE of SAMPLER: DC; DATE Signed: 1/28/14; Time: 1620

Final 11/13/06. AMTait

Inogen Environmental Alliance

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

SRG #: 87262

Sample Receipt	**Initials/Date:** TJB013014	**Storage Time:** 1316	**Sample Login**	**Initials/Date:** TRT 1/31/14	
TAT: ☒ Standard	☐ Rush	☐ Split	☐ None	**Method of Receipt:** ☐ Courier	☐ Over-the-counter ☒ Shipped
Temp °C 0.8 ☐ N/A	Therm ID IR-3	Time 0935	Coolant present ☒ Yes	☐ No ☐ Water	☐ Temp Excursion
For Shipments Only:	Cooler Receipt Initials/Date/Time: MAS 013014 0935		Custody Seals ☐ N/A	☒ Intact	☐ Broken

Chain-of-Custody:	**Yes**	**No**
Is COC present?	X	
Is COC signed by relinquisher?	X	
Is COC dated by relinquisher?	X	
Is the sampler's name on the COC?	X	
Are there analyses or hold for all samples?	X	

Documented on	**COC**	**Labels**	**Discrepancies:**
Sample ID	X	X	
Project ID	X	X	
Sample Date	X	X	
Sample Time	X	X	
Does COC match project history?	☐ N/A	☐ Yes	☐ No

Samples:	**N/A**	**Yes**	**No**
Are sample custody seals intact?	X		
Are sample containers intact?		X	
Is preservation documented?		X	
In-house Analysis:	**N/A**	**Yes**	**No**
Are preservatives acceptable?		X	
Are samples within holding time?		X	
Are sample container types correct?		X	
Is there adequate sample volume?		X	

Comments:

Receipt Details:

Matrix	Container Type	# of Containers
WA	VOA	56

CS Required: ☐

Proceed With Analysis: ☐ YES ☐ NO Init/Date:
Client Communication:

Is the Data Set Valid?

(circle)

Yes / No

Preservation Temperature

(if Known): **0.8** **ºC**

Antea™Group Laboratory Data Validation Sheet

Project/Client: COP-ELT

Project #: I40256390

Date of Validation: 8/15/2014 **Date of Analysis:** 1/31, 2/3, 2/5/2014

Sample Date: 1/28/2014 **Completed By:** Kira Thornley

Signature:

Circle or Highlight

Yes / **No**

(below)

Analytical Lab Used and Report # (if any): KIFF 87262

1.	Were the analyses the ones requested?	**Yes** / **No**
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	**Yes** / **No**
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	**Yes** / **No**
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	**Yes** / **No**
5.	Were Laboratory blanks performed, if so, were they non-detect?	**Yes** / **No**
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	**Yes** / **No**
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	**Yes** / **No**
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	**Yes** / **No**
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	**Yes** / **No**
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	**Yes** / **No**
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	**Yes** / **No**
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	**Yes** / **No**

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Matrix Spike/Matrix Spike Duplicate results associated with sample FD_20140131 for the analytes Ethylbenzene and P + M Xylene were affected by the analyte concentrations already present in the unspiked sample.

Appendix E

Historical Document

Tug Near S. F. On 2500-Mile Tow Operation

SAN FRANCISCO (AP)—One of the longest tows in the history of ocean barge operations will be completed here today when the tug Marion Moran out of New York slips under the Golden Gate bridge with an army floating machine shop it has towed more than 5200 miles around the continent.

The barge-housed machine shop 210 feet long with a beam of 40 feet—is destined for use at the ship storage area at Rio Vista in the Sacramento river. It was taken in tow, with a similar shop, which was dropped at New Orleans, on September 29.

Both tugs are owned by the Moran Towing company of New York, operated by Adm. Emond J. Moran, USN (retired).

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McCLENAHAN COMPANY
2301 Palm Avenue

News of Parkside

By BEULAH GAWLAS

1629 Dolan Avenue — DIamond 4-7770

Mr. and Mrs. Earl Mc Elroy were hosts at their home, 1760 Washington street, for a costume Halloween party given for the children of the 1700 Washington block sewing circle and their niece and nephew, Mike and Sharon Mc Elroy.

Thirty-three children, ranging in age from 1½ years to 14, attended the party, held in the garage decorated with Halloween decorations made by the children of Mr. and Mrs. Charles Arrigoni, Mr. and Mrs. Maurice Chatigny, Mr. and Mrs. Frank Cleary and Mr. and rs. Albert Manrubia.

Members of the sewing circle assisted with refreshments.

Miss Lynn Neison of San Francisco, visiting her sister, Mrs. Henry Hinds, 1725 Hamlet, assisted with the picnic at San Mateo Central park given in honor of her nephew, Peter Hind, on his third birthday October 30.

Attending the picnic were Peter's brother, John; Mrs. Jack Haworth and children, Diane and Mark, of Menlo Park; Mrs. Milton McDouell and children, Christine and Ronald, of Millbrae; Mrs. Thomas Bennie, and children, Timmy, Tommy and Barbara; Mrs. John McNesby and son, Tommy, and Mrs. Mike Heeger and daughters, Laura and Susan.

Miss Rose Carrion of New York will divide her month's vacation between friends in San Francisco and her cousin, Mrs. Leonard Nelson, and family at 1415 Pershing.

Mrs. Ruth Raymond of San Francisco, spent the week end with her daughter, Mrs. George Kershaw, 1678 Taylor, and sons, Douglas and Donald, while Mr. Kershaw went deer hunting out of Sacramento.

Mr. and Mrs. Bob Flickinger, 1685 McKinley, celebrated their twelfth wedding anniversary October 31 with a dinner in San Francisco and seeing a show.

New neighbors at 1729 Hamlet are Mr. and Mrs. Lawrence Gallick, who moved from San Francisco to their new home on October 18 with their children, Eddie, in the sixth grade at Sunnybrae school; Mildred, in kindergarten; Johnny, 4, and Danny 1.



Mrs. Edith Stahl arrived in California October 23 from Bonn on the Rhine, Germany, for a year's visit. Mrs. Stahl, house guest of her brother-in-law and sister, Mr. and Mrs. Richard Krause, San Bruno, spent October 25 with her niece, Mrs. Paul Zem, and family, 1668 McKinley. It was her first visit with her niece in 30 years. Mrs. Zem held a family dinner party for Mrs. Stahl last night. Attending were Mr. and Mrs. Krause and Mrs. Zem's brother, Conrad Kauhausen, home on leave from Japan. Mr. Zem's parents, Mr. and Mrs. John Zem, and Mr. and Mrs. Clarence Loranzana came down from San Francisco for the evening.

Neighborliness in Parkside:

Frank Cleary took time to rototil the back yards of his neighbors, J. H. Dorris and Barney Ritter, last Sunday.

Lee Roberts helped Jack Singer with his patio.

Sherry and Pamela Dorris spent Sunday with their cousin, Alice Dorris, at 1757 Washington, while their parents, Mr. and Mrs. W. H. Dorris of Burlingame attended the 49er game in San Francisco.

Two Youths Escape Reception Center

SACRAMENTO (UP)—Authorities in the Sacramento area were on the lookout today for two youths who scaled a high wire fence to escape from the California Youth Authority reception center in near-by Perkins.

James Eva, superintendent of the center, said Terry Ault, 17, committed from Sonoma county for auto theft, and 16-year-old Donald McDougall, committed from Mendocino county for auto theft and petty theft, escaped while returning from dinner last night.

200 to Attend Scout Bivouac

More than 200 Explorer scouts are expected to participate in the Explorer bivouac, which will be held this week end, November 6 and 7, at Camp Pomponio, south of La Honda, by the San Mateo Council Boy Scouts of America. The bivouac will be a chance for Explorers to meet and enter competitive events to test their woods and camping skills. This is a high adventure event with demonstrations of logging, first aid, mountaineering and Indian lore.

Highlight of the bivouac will be provided by A. M. "Chief" Venne, an Ojibwa Indian chief, member of the Council Summer camp staff, who will direct Indian ceremonials and show Indian handicrafts, costuming and Indian lore. The chief was an athletic coach at Haskell and Carlisle and worked with Jim Thorpe when Thorpe first arrived at Carlisle. The young men from Explorer posts and crews will enter Camp Pomponio rain or shine by way of Portola State park carrying all food, shelter and cooking and sleeping gear on their backs.

Judge Louis B. DeMatteis, council chairman of the activities committee, announced that this event marked a beginning of a program to heighten the adventure offered to Explorers of the council.

Many of the Explorer advisors from all over the council will be on hand to assist the young men who are putting the program on. Hubert Pate, and Explorer scout of Burlingame, is the chairman of the bivouac committee which was made up of Explorers from each unit. Morris Boley of Millbrae is acting as advisor to the committee.

Sheppard Trial Juror Dismissed

CLEVELAND (UP)—The Sheppard murder trial show got on the road today when Judge Edward Blythin dismissed a disputed juror who stated that publicity about a morals offense he committed 11 years ago had brought him near a nervous breakdown.

Judge Blythin, who yesterday was re-elected to the court of common pleas bench, excused juror No. 6, James R. Manning, 38, in a taut courtroom scene in which Manning took the witness stand and said he was "physically and mentally unfit, to serve on the jury.

As Dr. Samuel H. Sheppard, the 30-year-old osteopath who is accused of bludgeoning his pregnant wife to death, sat with tightly clasped hands, Blythin excused Manning and instructed the first alternate juror, Jack N. Hansen, to take jury seat No. 6.

Batista Re-elected In Cuban Walkaway

HAVANA (UP)—President Fulgencio Batista has won re-election by an absolute majority of Cuba's 2,300,000 eligible voters, despite an opposition "boycott" of the polls, unofficial returns showed today.

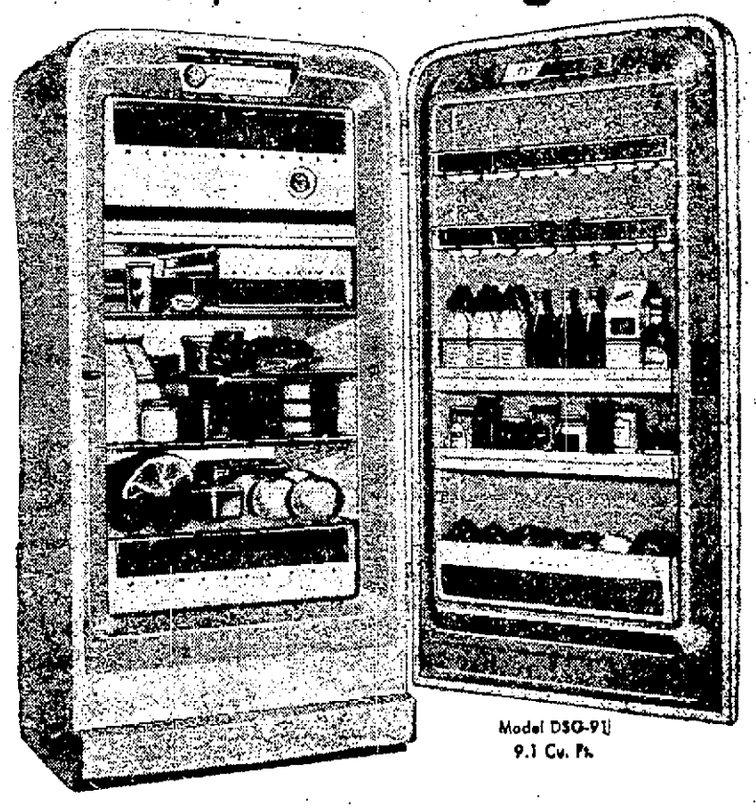
Late figures gave Batista 1,216,389 votes to 137,425 for ex-President Ramon Grau San Martin, who quit the race last week.

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SITE SCREENING FORM

Site Name: Wardrobe Cleaners

Site Location: 335 East 4th Street, San Mateo, San Mateo County, California, 94401

Calsites Identification 41720094 (if applicable)

Site Summary:

Site Owner/Operator: Do S. Park June 1994 – Present

The property is located approximately ¼-mile northeast of El Camino Real on the northwest corner of East Fourth Street and Railroad Avenue. The subject site consists of a one-story, poured-in-place concrete structure, built to the property boundaries. The subject site was constructed and occupied by 1939. Prior business that operated at the subject site include a blacksmith shop, a cab company, and upholstery shop, a plumbing supply store, a convenience store and a Mexican restaurant/bar. Dates and duration of operations for the past businesses are unknown. It was determined that the original construction included bare dirt floors with final completion of the slab being completed in the past twenty years. Given the prior uses for the site, there is a potential for subsurface soil to be impacted with constituents consistent with a blacksmith shop and auto-related business including metals, acids, fuels, waste oil or other related products.

Dry cleaning operations at the site began in 1995. As part of daily operations, perchloroethylene (PCE) was used. Approximately 16-gallons of PCE waste products were generated each month. Wardrobe Cleaners has held a permit to operate with the San Mateo County Environmental Health Department (SMCEH) and the Bay Area Air Quality Management District (BAAQMD). No major violations or reports of releases/spills have been reported during the entirety of their operations. PCE supplies were provided by S.B. Supply Company. Transportation and disposal of hazardous waste material was provided by Safety-Kleen Corporation. All appropriate manifests have been submitted.

Status Recommendation: PEAR

Rationale/Supporting Documentation: Possible subsurface contamination due to prior uses may exist at the site. Offsite contaminant migration via the groundwater pathway may possibly increase risk of exposure. However, groundwater beneath the site may

have already been impacted due to the property's vicinity to several sites with reported groundwater impaction.

Prepared By: Edgardo Gillera Hours Spent: 15

Unit Chief Approval: _____ Date: 9/3/03

Branch Chief Approval: _____ Date: 9/15/2003

DRIVE-BY RECORD

Site Name: Wardrobe Cleaners

Site Location: 335 East 4th Street, San Mateo, San Mateo County, California 94401

Calsites Identification #: 41720094

1. Status: Active X Different Company X
Inactive

2. Setting: Residential X Commercial X
Industrial Agricultural
Paved X Unpaved Areas
Restricted Access X Unrestricted Access
Near RR Tracks Near Drainage
Vegetation minor landscaping
Topography relatively flat
Visibility good

3. Waste Containment:

Pond	Pit	Ditch
Drums X	Tanks	Buckets
Trash Can	Dumpster	Sacks
Piles	Scattered	Other

Stored On: Ground Pavement X Pallets

Waste Description:

Inert	Garbage	Industrial
Solid	Sludge	Liquid X

Quantities, labeling, Color, odors, etc. approximately 16-gallons waste PCE per month

4. Distance to Surface Water: approximately 1.5-miles southwest of San Francisco Bay

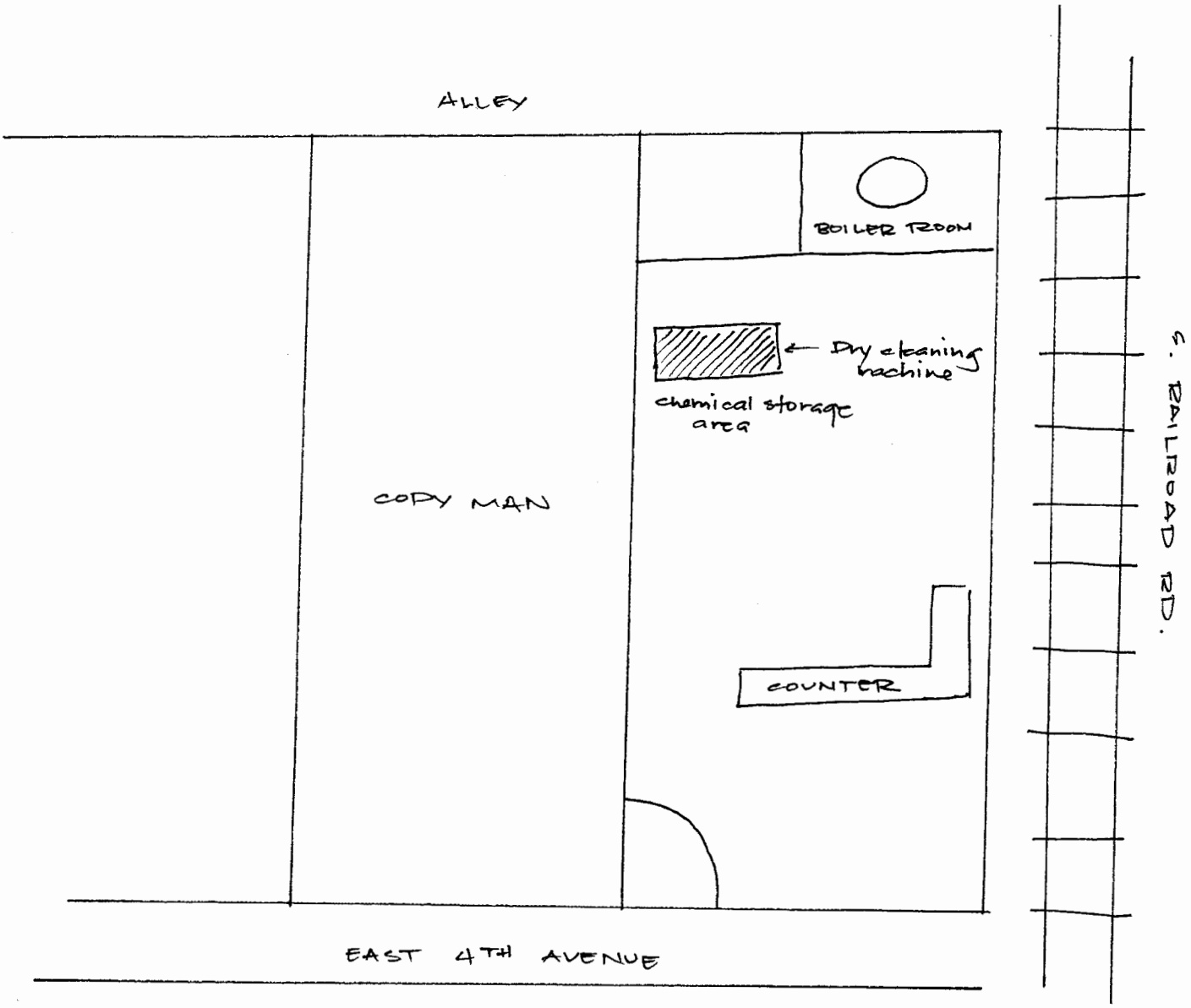
5. Other Observations:

Site Sketch

Site Address: 335 East 4th Street, San Mateo, California 94401
Calsite # 41720094

Site Name (file): Wardrobe Cleaners

Current Name at Address _____



MEMORANDUM

TO: DTSC Files for Wardrobe Cleaners
335 East 4th Street
San Mateo, San Mateo County

FROM: Edgardo Gillera
Hazardous Substances Scientist
Site Mitigation and Brownfields Reuse Program

DATE: April 15, 2005

SUBJECT: NO ACTION DETERMINATION

The subject site was constructed and occupied in 1939. Prior to Wardrobe Cleaners, past businesses that operated at the site included a blacksmith shop, a cab company, an upholstery shop, a plumbing supply store, a convenience store and a Mexican restaurant/bar. It was determined that the original construction included bare dirt floors with final completion of the slab being completed in the past twenty years. Given the prior uses for the site, there is a potential for subsurface soil to be impacted with hazardous substances consistent with a blacksmith shop and auto-related business. Dry cleaning operations at the site began in 1995

On August 2003, a DTSC site screening was conducted for this site (Calsites ID 41720094) and recommended that a Preliminary Endangerment Assessment be conducted for the site to determine if any hazardous substances have been release due to past site uses.

Subsequent to the site screening, information request letters were submitted to the current owner and operator Do S. Park to assure that DTSC had received all available environmental data and to determine if any hazardous substances release has occurred at the site. Response from the owner indicated that dry cleaning operations occurred offsite and that no hazardous substances were stored or generated onsite. Therefore, the likelihood of release at this property based on past uses is minimal. Based on this information, no other action is required.

Vapor Assessment Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

San Mateo County
Groundwater Protection
Program, Case No. 110069

Antea Group Project No. I40256390

May 29, 2014

Prepared for:

Deno Milano
San Mateo County Health System
Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94404

Prepared by:
Antea®Group
1155 North First Street, Suite 201
San Jose, CA 95112
+1 800 477 7411

Inogen Environmental Alliance

Antea USA, Inc.

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Vapor Assessment Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, California
San Mateo County Groundwater Protection Program
Case No. 110069

1.0 INTRODUCTION

Antea®Group has prepared this *Vapor Assessment Report* for 76 Service Station No. 6390 at 402 South Delaware Street, San Mateo, California (**Figure 1**) to document installation and sampling of sub-slab vapor points SS-1 and SS-2 at 521 East 5th Avenue and SS-3 and SS-4 at 603 East 5th Avenue, and sampling of on-site vapor wells VP-1 and VP-3. This vapor assessment was completed in accordance with correspondence from the San Mateo County Groundwater Protection Program (GPP) dated January 29, 2013 (**Appendix A**). A site description, hydrogeologic setting, history of release, and summary of previous investigations are included in **Appendix B**.

1.1 Site Description

The site is currently occupied by an active 76 Service Station, located on the south corner at the intersection of East Fourth Avenue and South Delaware Street in San Mateo, California. The station is located approximately one mile west of San Francisco Bay at an elevation of approximately 20 feet above mean sea level (**Figure 1**). The site facilities currently include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (**Figure 2**). The site is located on an alluvial plain extending from the Santa Cruz Mountains, east to the San Francisco Bay within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area.

2.0 SUB-SLAB VAPOR POINT INSTALLATION

Vapor point construction details are included in **Table 1**, and historical vapor analytical data is contained in **Table 2**. All vapor sampling locations are depicted on **Figure 2**.

2.1 Pre-field Activities

Prior to initiation of field activities, Antea Group contacted the property owners of 521 East 5th Avenue and 603 East 5th Avenue and obtained access agreements to install and sample the sub-slab vapor points. Antea Group also produced a Health and Safety Plan (HASP) in accordance with Title 8, Section 5192 of the California Code of Regulations (CCR). The HASP contained a list of emergency contacts, as well as a hospital route map to the nearest emergency facility.

Prior to field mobilization, an Underground Service Alert (USA) ticket was opened and the proposed vapor point locations were marked and cleared for subsurface obstructions or hazards. In addition, Antea Group subcontracted

a private locator to clear the proposed vapor point locations. Antea Group notified the GPP of field activities at least 48 hours prior to commencing work.

2.2 Vapor Point Installation

On August 19, 2013, Antea Group installed SS-1 through SS-4. Antea Group utilized the Vapor Pin™ for sub-slab point installation. The Vapor Pin™ is a proprietary vapor probe which consists of a 4-inch long steel probe surrounded by a silicone sleeve. A stainless steel tube is connected to the base of the Vapor Pin™ which was adjusted to the depth of the slab. To install the probe, a 1.5-inch hole was drilled to approximately 1-inch below the slab surface, and then a 5/8-inch hole was drilled through the 1.5-inch hole until soil was observed on the drill bit. The probe was then driven into the 5/8-inch hole, which is slightly narrower than the width of the silicone seal, making an air tight seal when installed. Once installed, the probe was sealed with an air tight silicone slip cap, and covered with a secure plastic flush-mount cover.

Slab thickness was measured to be approximately five inches in the locations of SS-1 and SS-2, and twelve-inches in the locations of SS-3 and SS-4 (**Table 1**).

3.0 VAPOR SAMPLING

Antea Group conducted a warm season sampling event on August 22 and 23, 2013 and a cold season sampling event on January 14, 2014 at sub-slab vapor points SS-1, SS-2, SS-3 and SS-4 and on-site vapor wells VP-1 and VP-3 per the GPP's request.

The following complications occurred during the cold season sampling event:

- The Summa containing the SS-4 sample was depressurized before returning to the laboratory for analysis, so SS-4 was immediately resampled on January 21, 2014.
- Due to a significant discrepancy between the parent and duplicate sample results, generally abnormal results for SS-1, SS-2 and SS-3 from the warm season sampling event, and a significant helium leak in SS-1, these points were resampled on February 20, 2014.

The Summa canisters used to collect VP-1 and VP-2 were from a separate canister batch, so the data collected on January 14, 2014 was accepted. The February 20, 2014 event utilized 6-liter Summas and analysis method TO-15 SIM to meet screening levels based off a 0.05 attenuation factor for sub-slab to indoor air as recommended by the Department of Toxic Substances Control (DTSC). Field data sheets are contained in **Appendix C**.

Prior to sampling, Antea Group assembled the sampling train, which consisted of a sample Summa canister (1 or 6-Liter; refer to **Section 3.4**) and a second 6-liter Summa canister for system purging. The sample train consisted of a short piece of tubing connecting the vapor point to a plug valve, connected to a T-fitting which enabled the

sampling canister and the purge canister to be in-line at the same time. All Summa canisters were equipped with a vacuum gauge connected to the top of a regulator set at a flow rate of approximately 150 milliliters/minute (mL/min).

3.1 Shut-in Test

Prior to sample collection, a shut-in pressure test of the sampling train between the Summa canisters and the Swagelok plug valve was performed for five minutes by opening and closing the purge canister valve. The vaportight Swagelok plug valve remained closed during the process. The initial vacuum reading on the Summa was noted, and if that vacuum was not maintained for five minutes, the sampling train was fixed until the vacuum was maintained. The pressure test ensures that the sampling manifold is an air-tight system so that only vapors from beneath the slab are being captured.

3.2 Helium Shroud Emplacement

After the shut-in test, the plug valve was opened and a helium shroud was placed over the vapor point and plug valve connection. A line to feed helium was placed in the shroud, in addition to a helium detector rod. The base of the shroud was sealed onto the ground surface with hydrated bentonite. Helium was fed into the shroud slowly until a concentration of approximately 40% to 60% was achieved. Antea Group monitored the helium concentration for five minutes prior to initiation of purging to ensure that the helium atmosphere was relatively stable.

3.3 Vapor Purge

After the helium shroud had equilibrated, the sub-slab vapor point was purged at a rate of approximately 150 ml/min by opening the valve of the 6-liter purge Summa canister until 2-liters had been purged, per Environmental Protection Agency (EPA) guidelines[1]. Antea Group assured that 2 liters of vapor were purged from each point by monitoring the drop in pressure in the 6-liter purge Summa canister. The starting pressure on a 6-liter Summa is 30 inches mercury (in Hg), so the pressure drop for a 2-liter purge was approximately 10 in Hg.

3.4 Observations During Sample Collection

The following table presents a summary of field data collected during the August 22nd sampling of SS-1, SS-2, SS-3, SS-4 and the August 23rd sampling of VP-1 and VP-3.

Sub-slab Point Name	Summa Canister Volume (Liters)	Total Sample Time (minutes)	Change in Pressure (in Hg)	Sample Rate (mil/min)	Lowest Helium % in Shroud, during sampling

[1] EPA, Standard Operating Procedure (SOP) for Installation of Sub-Slab Vapor Probes and Sampling Using EPA Method TO-15 to Support Vapor Intrusions Investigations.

Sub-slab Point Name	Summa Canister Volume (Liters)	Total Sample Time (minutes)	Change in Pressure (in Hg)	Sample Rate (mil/min)	Lowest Helium % in Shroud, during sampling
SS-1	1	5	25	167	44
SS-2	1	6	24	133	44
SS-3	1	6	24	133	42
SS-4	1	8	24	100	44
DUP-1	1	8	24	100	44
VP-1	1	7	25	119	41
VP-3	1	7	25	119	40.6

The following table presents a summary of field data collected during the January 14th sampling of VP-1 and VP-3, the January 21st sampling of SS-4, and the February 20th sampling of SS-1, SS-2 and SS-3.

Sub-slab Point Name	Summa Canister Volume (Liters)	Total Sample Time (minutes)	Change in Pressure (in Hg)	Sample Rate (mil/min)	Lowest Helium % in Shroud, during sampling
SS-1	6	36	20	111	40.3
SS-2	6	31	21	135	40.1
SS-3	6	33	22	133	40.1
SS-4	1	8	25	104	43
VP-1	6	41	25.5	124	47
VP-3	6	48	26	108	46

Antea Group used flow regulators set to 150 milliliters/minute (mil/min), indicating that air flow may have been slightly restricted by the subsurface during sampling; however, all samples were collected within the acceptable range of sampling rates recommended by the DTSC (50 to 200 ml/min). Helium percentages were maintained above 40% during sampling. In-line vacuum gauges between the flow regulator and vapor point/well were also utilized during sample collection to monitor potentially induced vacuum in the vapor points/wells. In-line vacuum gauges remained at zero during collection of all samples.

3.5 Sample Analyses

Antea Group submitted the air sample canisters to Calscience Evironmental Laboratories Inc (Calscience), a National Environmental Laboratory Accreditation Program (NELAP) certified lab (certification No. 03220CA) and requested that samples be analyzed for the following (**Appendix D**):

- Gasoline range organics (GRO) by EPA Test Method TO-3M;
- Benzene, toluene, ethylbenzene and xylenes (BTEX compounds), methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl

ether (TAME) 1,2-dichloroethane (1,2-DCA), ethylene dibromide (EDB), ethanol, naphthalene and tetrachloroethane (PCE) by EPA Test Method TO-15 or TO-15 SIM;

- Fixed gases: Helium, oxgen/argon, carbon dioxide and methane by ASTM D-1946 or ASTM D-1946 (M).

Prior to December 2013, Antea Group used shallow soil gas Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) for comparison to sub-slab concentrations. The December 2013 ESL revisions resulted in sub-slab screening levels being based on indoor air attenuation factors. For naphthalene, the TO-15 SIM analysis was required to meet the screening level.

4.0 LABORATORY ANALYTICAL RESULTS

A summary of analytical results are provided in **Table 2**, and GRO, benzene and PCE concentrations are shown on **Figure 3**.

4.1 Volatile Organic Compound (VOC) Results

The following sections present VOC analytical results in comparison to three risk categories : 1) Shallow soil gas for commercial/industrial land use (VP-1 and VP-3) ; 2) sub-slab screening level derived from 0.05 attenuation factor for commercial/industrial indoor air (SS-1 and SS-2) ; and 3) sub-slab screening level derived from 0.05 attenuation factor for residential indoor air (SS-3 and SS-4).

Laboratory analytical reports are included in **Appendix B** and soil vapor analytical data is tabulated in **Table 2**.

4.1.1 Shallow Soil Gas Results (VP-1 and VP-3)

Only ethanol and PCE were reported above the laboratory reporting limits (LRLs) in VP-1; all other analytes were not reported above the LRLs during the warm and cold season sampling events. The PCE concentrations were below the established shallow soil gas ESL during the August 2013 and January 2014 sampling events. Currently, there is no established screening level for ethanol vapor concentrations. In VP-3, BTEX compounds, ethanol and PCE were reported at concentrations below the ESLs during the August 2013 and January 2014 sampling events. These results appear to be generally consistent with low to non-detect contaminant concentrations reported during the 2007 sampling events.

4.1.2 Sub-Slab Points SS-1 and SS-2 (Commercial Land Use)

Vapor points SS-1 and SS-2 are located in a currently vacant office building which will be converted into a dental office in the near future. Due to the intended building use, screening levels for SS-1 and SS-2 were established based on a 0.05 attenuation factor for indoor air quality in commercial/industrial use buildings.

PCE concentrations in SS-1 and SS-2 exceeded the screening level of 42 micrograms per cubic meter (µg/m^3) during the August 2013 and February 2014 sampling events. In SS-1, PCE was reported at 2,200 µg/m^3 in August and 2,100 µg/m^3 in February. In SS-2, the PCE concentrations were 88 µg/m^3 and 53 µg/m^3, respectively.

GRO and BTEX compounds were reported in one or both sub-slab points at concentrations below the screening levels. Ethanol was reported up to 17 µg/m^3 (SS-1, August 2013), however there is currently no indoor air screening level for ethanol.

Naphthalene reporting limits were above the screening level during the August sampling event, however during the February sampling event, naphthalene was reported at 0.16 µg/m^3 and 0.20 µg/m^3 in SS-1 and SS-2, respectively, which are below the screening level of 7.2 µg/m^3.

EDB results for all sampling events were slightly above the screening level of 3.4 µg/m^3. Calscience does not have the capability to perform a SIM analysis for EDB; however they attempted to J-flag the February 20, 2014 data (estimating concentrations between the method detection limit and reporting limit), and no samples were J-flagged for EDB. Method detection limits (included in **Appendix D**) for EDB ranged from 0.53 µg/m^3 to 0.68 µg/m^3 which are below the screening level. 1,2-DCA was not detected above laboratory reporting limits in any sample, however only the reporting limit from SS-2 during the cold season sampling event was below the screening level of 2.40 µg/m^3.

4.1.3 Sub-Slab Points SS-3 and SS-4 (Residential Land Use)

Vapor points SS-3 and SS-4 are located in residential apartments; hence screening levels for analyte concentrations reported in SS-3 and SS-4 were established based on a 0.05 attenuation factor for indoor air quality in residential use buildings.

Only low levels (below screening levels) of GRO, BTEX compounds, PCE and naphthalene were reported in vapor points SS-3 and SS-4 during the August and January/February sampling events. Ethanol was reported in SS-4 during each sampling event at 170 µg/m^3 during the August 2013 sampling event and 20 µg/m^3 during the January 2014 sampling event. There is currently no indoor air ESL for ethanol.

Naphthalene reporting limits were above the screening level during the August and January sampling of SS-3 and SS-4, however during the February re-sampling of SS-4, naphthalene was reported at 0.18 µg/m^3 which is below the screening level of 1.44 µg/m^3.

EDB results for all sampling events were above the screening level of 0.68 µg/m^3; however no EDB concentrations were J-flagged as described in **Section 4.1.2**. Method detection limits (provided in **Appendix D**) ranged from

0.53 µg/m^3 to 0.68 µg/m^3 which are at or below the screening level. Reporting limits for 1,2-DCA during the August 2013 sampling event were above the screening level of 2.40 µg/m^3.

4.2 Fixed Gas Results

The fixed gas results from the warm and cold season sampling events demonstrated near atmospheric oxygen levels, and above atmospheric carbon dioxide levels. There were no detections of methane in any of the analyzed samples for all events. Helium was reported at trace to non-detect concentrations. The maximum calculated helium leak associated with viable results was in SS-1 at 1.4% during the February sampling event. Helium leak calculations are shown on **Table 2**.

5.0 QUALITY ASSURANCE/ QUALITY CONTROL (QA/QC)

5.1 Laboratory Report QA/QC

Antea Group performed a laboratory validation check on the Calscience analytical reports, which are presented as **Appendix D**. The following sections summarize the QA/QC findings of each report.

5.1.1 August 22 and 23, 2013 Sampling Event

Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Field Duplicate (Duplicate collected at SS-4)	Relative percent difference between parent and duplicate sample (detections only): Ethanol (0%), carbon dioxide (2%), oxygen (0%), and helium (0.5%).
Laboratory Data Qualifiers:	No
Vacuum retained upon laboratory receipt?	Yes – ranged from -4inHg to -8inHg
Are the data valid for their intended purpose?	Yes, the data are valid

5.1.2 January 14, 2014 Sampling Event

Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Field Duplicate (Duplicate collected at SS-3)	Relative percent difference between parent and duplicate sample: Benzene (7.41%), toluene (121%), ethanol (18%), carbon dioxide (5.2%), and oxygen (1.1%). These results were from a re-analysis after the laboratory was informed of the duplicate parent sample ID. RPD values were greater on original data. NOTE – O-Xylene, DIPE, and Helium were reported in parent sample only, RPD could not be calculated for these compounds.
Laboratory Data Qualifiers:	No
Vacuum retained upon laboratory receipt?	No – SS-4 was at 0.0 inHg upon receipt by the laboratory. Other samples ranged from -5.0 to -5.5 inHg.
Are the data valid for their intended purpose?	The data for SS-1, SS-2, SS-3 and SS-4 are not considered to be valid based on comparison with August data and differences between parent and duplicate data. Issue is likely due to a bad Summa canister batch. Data for VP-1 and VP-3 are considered to be valid since these canisters were from a separate sample batch.

The sample collected at SS-4 was returned to the laboratory without a vacuum. This sample was not analyzed by Calscience upon Antea Group's request, and Antea Group immediately resampled SS-4 (refer to **Section 5.1.3**). One duplicate sample was collected on January 14, 2014 from SS-3; analyte concentrations were significantly different in the parent and duplicate sample. Antea Group requested that the data be re-run, which resulted in minor improvement in relative percent difference (RPD), however all concentrations reported in SS-1, SS-2 and SS-3 appeared to be inconsistent with results from the August sampling event. For instance, there were analyte detections that were not reported in the August sampling event, with concentrations an order of magnitude higher than the August event reporting limits. Antea Group and the laboratory determined that a batch contamination may have caused data to be skewed. As a result, Antea Group resampled SS-1, SS-2 and SS-3 (refer to **Section 5.1.4**). Sample containers used for VP-1 and VP-3 were from a different batch and were considered to be valid.

5.1.3 January 21, 2014 Sampling Event

Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Laboratory Data Qualifiers:	No
Vacuum retained upon laboratory receipt?	Yes – vacuum at -5.0 inHg
Are the data valid for their intended purpose?	Yes, the data is valid

5.1.4 February 20, 2014 Sampling Event

Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Field Duplicate (Duplicate collected at SS-3)	Relative percent difference between parent and duplicate sample: P/M-Xylene (77.6%), ethanol (10.2%), PCE (12.9%), naphthalene (18%), carbon dioxide (2.12%), oxygen (0.52%). NOTE – Select BTEX compounds, and helium were reported in parent sample only, RPD could not be calculated for these compounds. GRO only reported in the duplicate sample.
Laboratory Data Qualifiers:	No
Vacuum retained upon laboratory receipt?	Yes – ranged from -8 inHg to -10inHg
Are the data valid for their intended purpose?	Yes the data are valid.

One duplicate sample was collected on February 20, 2014 from SS-3. All analytes which had detections in the parent and duplicate sample were within a 20% margin of variation, with the exception of P/M-Xylene. Benzene, toluene, ethylbenzene, O-Xylene, and PCE were reported only in the parent sample; GRO was only reported in the duplicate sample. RPD cannot be accurately calculated for these compounds, but are estimated in excess of 145% (GRO) based on LRLs in the duplicate sample. However, none of the concentrations noted in the parent (and duplicate for GRO) sample were in exceedance of the screening levels, and concentrations appear to be generally consistent with those reported in August 2013.

5.2 Leak Analysis

Helium was utilized as a leak tracer during the warm and cold season sampling events. According to the DTSC guidelines, a leak of up to 5% is acceptable. Helium leaks were calculated on **Table 2**. A leak of approximately 35% was observed in the sample collected from SS-1 on 1/14/14, however all sub slab samples collected during that event are considered invalid. The maximum leak reported in valid data was 1.4% in SS-1; therefore Antea Group considers the data to be valid.

6.0 DISCUSSION

No gasoline constituents which are affiliated with the site's current open gasoline release case were reported above screening levels in any well or vapor point during the two seasonal sampling events, with the exception of likely false positive detections of benzene in SS-2 and SS-3 during the January 14th, 2014 sampling event. These samples were part of a laboratory batch that was believed to be compromised from outside contaminants, and are not considered to be valid data. Due to the concentrations of gasoline constituents below screening levels reported during this investigation, Antea Group does not consider the site to pose a risk to indoor air quality on-site, to the office buiding at 521 East 5th Avenue, or the residential apartments at 603 East 5th Avenue.

However, PCE concentrations reported in SS-1 located at 521 East 5th Avenue were over 50 times greater than the screening level for sub-slab vapor concentrations in a commercial building. Additionally, PCE concentrations in SS-2, also located in the office building, were above the ESL, but within the same order of magnitude. These concentrations appear to be consistent between the two valid sampling events in August 2013 and February 2014; hence Antea Group believes that there is a potential threat to indoor air quality due to PCE vapor in the office building at 521 East 5th Avenue. PCE concentrations in vapor wells VP-1 and VP-2 did not exhibit the elevated PCE concentration observed in SS-1. VP-1 is located between SS-1 and the station building, and VP-3 is located in front of the station near the mechanics bays. If the station building was the source of PCE in SS-1, it would likely be observed at a higher concentration in VP-1 or VP-3; therefore Antea Group does not believe that the site is the source of PCE vapor at SS-1 or SS-2.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Antea Group installed four sub-slab points and conducted two rounds of vapor sampling during the warm season 2013 and the cold season 2014. Based on the results of the sampling events, Antea Group concludes the following:

- Vapor samples collected on January 14, 2014 from sub-slab vapor points were likely compromised from outside contamination and are not considered valid. The sub-slab points were resampled on January 21 and February 20, 2014.

- No gasoline constituents were reported above screening levels in sub-slab vapor point or vapor well samples, indicating that the site's documented gasoline fuel release does not pose a threat to indoor air quality in 603 or 521 East 5th Avenue.
- No PCE concentrations were reported above the calculated sub-slab screening levels in samples collected within apartments at 603 East 5th Avenue (SS-3 and SS-4) or in the on-site vapor wells (VP-1 and VP-3).
- Concentrations of PCE above the calculated screening level were reported in SS-1 and SS-2 in the commercial office building at 521 East 5th Avenue, indicating that PCE in sub-slab vapor could pose a threat to indoor air quality in the office building.
- Since PCE concentrations in VP-1 and VP-3 were two orders of magnitude below the concentration in SS-1, Antea Group does not believe that the site is the source of PCE vapor in SS-1 or SS-2.

Based on these conclusions, Antea Group recommends the following:

- No further sampling of sub-slab probes or on-site vapor wells for gasoline constituents.
- Removal of the existing sub-slab vapor probes and slab repair in the off-site properties.
- As stated in previous reports, Antea Group believes that PCE contamination in groundwater and vapor beneath the site and vicinity are due to an off-site, upgradient source. The current investigation reinforces this belief. Antea Group will prepare an *Offsite PCE Source Evaluation Report* which will identify potential off-site sources and transport pathways of PCE at and near the site using available data and documents. The report will be submitted during the third quarter 2014. The purpose of the Source Evaluation Report will be to further support Antea Group's recommendation that the GPP open a separate case for PCE in groundwater and soil vapor and that further evaluation of a potential threat to indoor air quality be conducted by the appropriate responsible party.

8.0 REMARKS

The recommendations contained in this document represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This document is based upon a specific scope of work requested by the client. For any reports cited that were not generated by Delta or Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this document were/will be performed. This document is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this document. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this document.

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Tables

Table 1 Soil Boring and Monitoring Well Construction Details
Table 2 Historical Soil Vapor Sampling Analytical Data

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 4/2/2014

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Shallow / Deep Screened Well
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Shallow Screened Well
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Deep Screened Well
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Deep Screened Well
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Shallow Screened Well
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Shallow Zone; Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Shallow Zone; Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Deep Zone; conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Deep Zone; conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Deep Screened Well
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Deep Screened Well
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Deep Screened Well
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 4/2/2014

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Deep Screen - Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SS-1	8/19/2014	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2014	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2014	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2014	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

TABLE 2

HISTORICAL SOIL VAPOR SAMPLING ANALYTICAL DATA

76 Service Station No. 6390

402 South Delaware Street

San Mateo, California

Sample ID	Sampled	Depth	2-Propanol (Leak Check Compound)	EPA TO-3	EPA - TO-14A or TO-15 or TO-15SIM																ASTM D-1946				Field Measure	
				TPPH	1,3-DCB	Benzene	Toluene	Ethylbenzene	O-Xylene	P/M-Xylene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	EDB	1,2-DCA	Ethanol	PCE	Naphthalene	Methane	Carbon Dioxide	Oxygen	Helium	Lowest He in Shroud	Calculated He Leak
			(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(%)	(%)	(%)	(%)	(%)	(%)
Indoor Air Screening Levels (residential):				590	no value	0.084	310	0.97	--	--	100	9.4	no value	no value	no value	no value	0.034	0.12	no value	0.41	0.072	--	--	--	--	--	--
Sub-Slab Screening Levels (residential):				1.18E+04	no value	1.68	6,200	19	--	--	2,000	188	no value	no value	no value	no value	0.68	2.40	no value	8.2	1.44	--	--	--	--	--	--
Indoor Air Screening Levels (commercial):				2.50E+03	no value	0.42	1,300	1,000	--	--	440	47	no value	no value	no value	no value	0.17	0.58	no value	2.1	0.36	--	--	--	--	--	--
Sub-Slab Screening Levels (commercial):				5.00E+04	no value	8.40	26,000	20,000	--	--	8,800	940	no value	no value	no value	no value	3.40	11.60	no value	42	7.2	--	--	--	--	--	--
Shallow Soil Screening Levels (Commercial)				2.50E+06	no value	420	1,300	4,900	--	--	440,000	47,000	no value	no value	no value	no value	170	580	no value	2,100	360	--	--	--	--	--	--
Atmospheric Fixed Gas Concentrations:				--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	0.00017	**0.040**	**20.95**	**0.000524**	--	--
VP-1	01/19/07	5	<7.2	<150	<4.4	<2.3	**16**	<3.2	<3.2	**8.2**		<2.6	<22	<12	<12	<12	<4.4	<3.0	<5.5	--	--	<0.00015	**0.46**	**22**	--	--	--
	02/01/07	5	<6.6	<140	<4.0	<2.1	**5.4**	<2.9	**3.5**	**6.3**		<2.4	<20	<11	<11	<11	<4.0	<2.7	<5.0	--	--	<0.00013	**0.5**	**21**	--	--	--
	08/23/13	5	--	<3800	--	<2.3	<2.7	<3.1	<3.1	<12	<15.1	<10	<8.7	<12	<12	<12	<5.5	<2.9	**15**	**19**	<37	<0.500	**1.51**	**20.3**	**0.0162**	41	0.0
	01/14/14	5	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**6.8**	<26	<0.500	**0.538**	**20.8**	<0.0100	54	0.0
VP-2	01/19/07	5	<6.8	<140	<4.2	<2.2	**3.4**	**3.2**	**13**	**3.5**	**16.5**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**33**	--	--	--
	1/19/2007*	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.00014	**0.6**	**33**	--	--	--
	02/01/07	5	<6.8	<140	<4.2	<2.2	<2.6	<3.0	**6.3**	<3.0	**6.3**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**21**	--	--	--
VP-3	01/19/07	5	<7.3	**750**	<4.5	<2.2	**13**	**14**	**29**	**42**	**71**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	<0.00015	**1.0**	**21**	--	--	--
	1/19/2007*	5	<7.3	--	<4.5	<2.4	**13**	**15**	**30**	**43**	**73**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	--	--	--	--	--	--
	02/01/07	5	**12**	**270**	<4.2	<2.2	**3.7**	**5.8**	**12**	**7.8**	**20**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**1.0**	**20**	--	--	--
	2/1/2007*	5	--	**280**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/06/07	5	**16**	<230	<6.7	<3.6	<4.2	<4.8	<4.8	<4.8	<9.6	<4.0	<34	<19	<19	<19	<6.7	<4.5	<8.4	--	--	<0.00022	**1.7**	**20**	--	--	--
	08/23/13	5	--	<3800	--	<2.1	**7.0**	**3.5**	**8.1**	**24**	**32.1**	<9.3	<7.8	<11	<11	<11	<5.0	<2.6	**22**	**56**	<34	<0.500	**2.36**	**18.2**	**0.0216**	40.6	0.1
	01/14/14	5	--	<3800	--	**2.0**	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**36**	<26	<0.500	**1.87**	**18.8**	<0.0100	46	0.0
SS-1	08/22/13	--	--	<3800	--	<1.9	<2.3	<2.6	<2.6	<11	<13.6	<8.8	<7.4	<10	<10	<10	<4.7	<2.5	**17**	**2,200**	<32	<0.500	**0.990**	**20.6**	**0.627**	46	1.4
	01/14/14	--	--	<3800	--	**5.4**	**19**	**3.3**	**4.8**	**14**	**18.8**	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**80**	**12**	<26	<0.500	<0.500	**18.0**	**18.3**	51	35.9
	02/20/14	--	--	**14,000**	--	**0.12**	**0.45**	**0.21**	**0.25**	**0.27**	**0.52**	<0.099	<7.8	<11	<11	<11	<4.9	<2.6	<12	**2,100**	**0.16**	<0.500	**1.38**	**19.7**	**0.0832**	40.3	0.2
SS-2	08/22/13	--	--	<3800	--	<2.9	**6.2**	**4.4**	**10**	**19**	**29**	<13	<11	<15	<15	<15	<7.0	<3.7	<17	**88**	<48	<0.500	**0.917**	**20.6**	**0.0380**	44	0.1
	01/14/14	--	--	<3800	--	**50**	**21**	**5.2**	**5.5**	**15**	**20.5**	**18**	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**63**	**57**	<26	<0.500	**0.788**	**20.3**	**0.0740**	49	0.2
	02/20/14	--	--	<3800	--	**0.61**	**2.3**	**0.97**	**1.2**	**3.1**	**4.3**	<0.098	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.9**	**53**	**0.20**	<0.500	**0.876**	**20.4**	**0.0459**	40.1	0.1
SS-3	08/22/13	--	--	<3800	--	<2.0	<2.4	<2.7	<2.7	<11	<13.7	<9.0	<7.6	<10	<10	<10	<4.8	<2.5	<12	**5.0**	<33	<0.500	**1.96**	**19.2**	**0.0402**	42	0.1
	01/14/14	--	--	<3800	--	**14**	**61**	<11	**23**	<43	**23**	<36	<30	**47**	<42	<42	<19	<10	**100**	<17	<130	<0.500	**2.61**	**18.3**	<0.0100	51	0.0
	1/14/2014*	--	--	<3800	--	**13**	**15**	<11	<11	<43	<54	<36	<30	<42	<42	<42	<19	<10	**120**	<17	<130	<0.500	**2.75**	**18.1**	<0.0100	49	0.0
	02/20/14	--	--	<3800	--	**0.54**	**0.54**	**0.13**	**0.14**	**0.34**	**0.48**	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.7**	**4.7**	**0.18**	<0.500	**2.28**	**19.4**	**0.0102**	40.1	0.0
	2/20/14*	--	--	**5100**		<0.085	<0.20	<0.12	<0.12	**0.15**	**0.15**	<0.096	**0.57**	<8.4	<8.4	<8.4	<3.8	<2.0	**4.1**	**5.7**	**0.15**	<0.500	**2.33**	**19.3**	<0.0100	40.1	0.0
SS-4	08/22/13	--	--	<3800	--	<2.5	<2.9	<3.4	<3.4	<14	<17.4	<11	<9.5	<13	<13	<13	<6.0	<3.2	**170**	<5.3	<41	<0.500	**1.29**	**19.8**	**0.0732**	44	0.2
	08/22/13*	--	--	<3800	--	<2.4	<2.8	<3.2	<3.2	<13	<16.2	<11	<9.0	<12	<12	<12	<5.7	<3.0	**170**	<5.1	<39	<0.500	**1.26**	**19.8**	**0.0728**	44	0.2
	01/21/14	--	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**20**	**4.5**	<26	<0.500	**1.87**	**19.6**	**0.195**	43	0.5

Notes:

<	Analyte not detected above indicated laboratory reporting limit	1,3-DCB	1,3- Dichlorobenzene	TAME	Tertiary amyl methyl ether	ETBE	Ethyl tertiary butyl ether	He	Helium
µg/m³	Microgram per cubic meter	1,4-DCB	1,4- Dichlorobenzene	TPPH	Total purgeable petroleum hydrocarbons	DIPE	Di-Isopropyl ether		
µg/L	Microgram per cubic liter	1,2- DCA	1,2- Dichloroethane	TBA	Tertiary butyl alcohol	MTBE	Methyl tertiary butyl ether		
*	Field Duplicate Sample	EDB	Ethylene dibromide	EPA	Environmental Protection Agency	PCE	Tetrachloroethene		

VOC analyses: 2007 Samples analyzed by TO-14A, 8/2013 and 1/2014 samples analyzed by TO-15, 2/2014 samples analyzed by TO-15 SIM

SS-1 through SS-4 are subslab vapor points.

Shallow gas screening levels taken from SF Bay RWQCB Table E-2

Sub-slab screening levels based on a 0.05 attenuation factor to indoor air.

Indoor Air Screening Level: Environmental Screening Level for Indoor Air Quality established by the San Francisco Regional Water Quality Control Board, Decemeber 2013

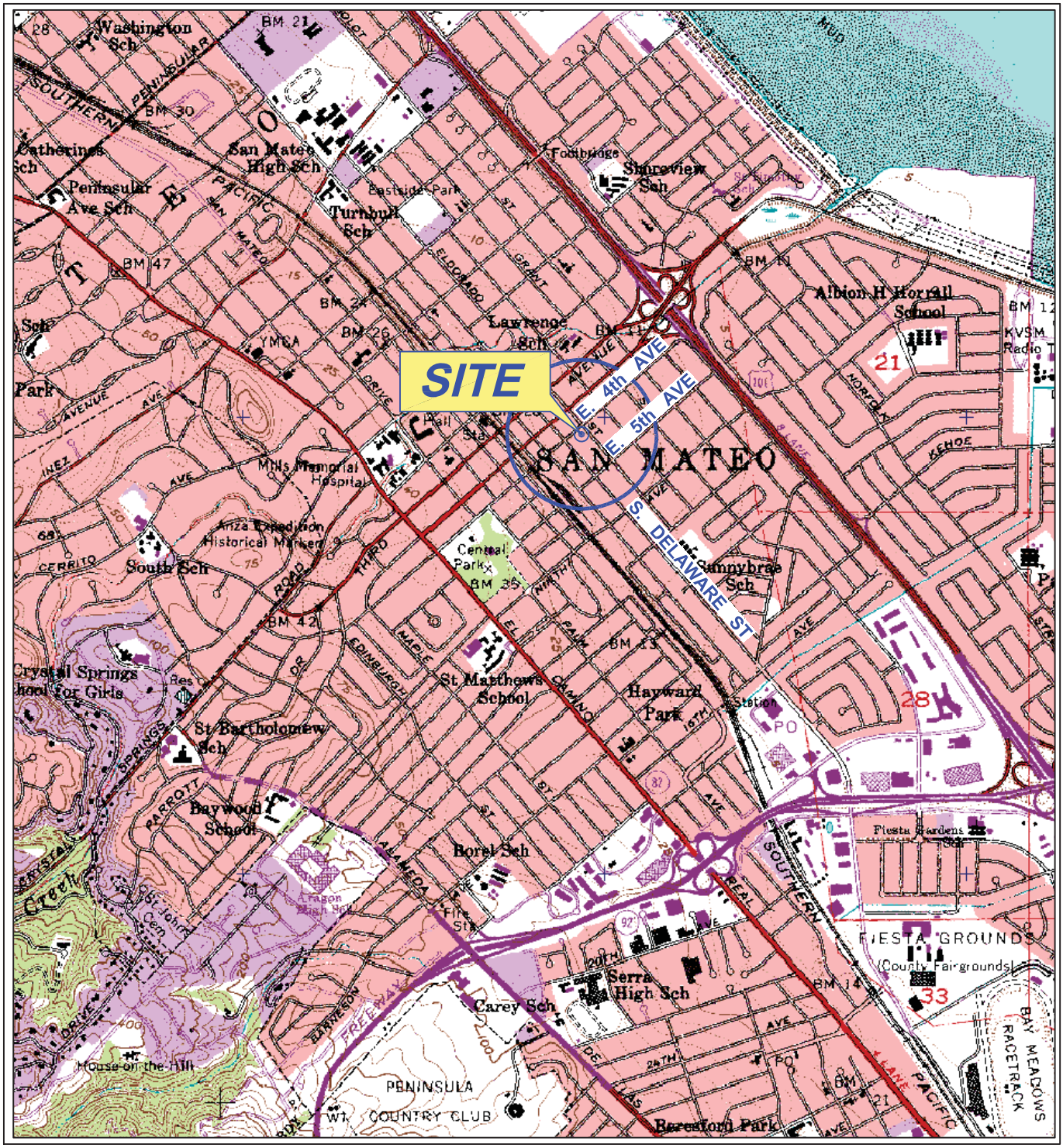
Carbon dioxide and methane atmospheric levels taken from http://cdiac.ornl.gov/pns/current_ghg.htm

Oxygen and helium atmospheric levels taken from http://nssdc.gsfc.nasa.gov/planetary/factsheet/earthfact.html

Samples collected from SS-1, SS-2 and SS-3 on 1/14/14 are believed to have been compromised from outside contaminant source, data not used in interpretation.

Figures

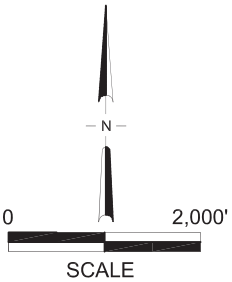
Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Vapor Concentration Map



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup

UTILITY EXPLANATION

- E — UNDERGROUND ELECTRICAL LINE
- W — UNDERGROUND WATER LINE
- S — UNDERGROUND SEWER LINE
- C — UNDERGROUND COMMUNICATIONS LINE
- G — UNDERGROUND GAS LINE
- TS — TRAFFIC SYSTEM LINE
- U — UNKNOWN UTILITY LINE
- AREA LIGHT

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

BUILDING #034-185-130
BUILDING #034-185-140
BUILDING #034-185-150
BUILDING #034-185-160
BUILDING #034-185-170
MW-8(A)
MW-9(A)
MW-10(A)
SIDEWALK
EAST FOURTH AVENUE
DRIVE
PLANTER
DRIVEWAY
SB-4
MW-17B
MW-9
MW-1
P2
P4
D1
P1
P3
D2
P5
SP-6
D3
P6
APPROXIMATE EXCAVATION EXTENT (1992)
HOIST (TYP.)
MW-2
SW2
MW-6
MW-13B
SB-3
IRRIGATION CONTROL BOX
76 STATION #6390
B2(16)
SW3
VP-3
SB-6
SB-9
SW2(2.5)
A2(22)
SW1
SB-7
SW1(2.5)
B1
A1
MW-18
AIR / WATER
VP-2
SHED
MW-3
VP-1
SS-2
FORMER WASTE OIL TANK
TW-1
SB-5
WO-1
MW-22
SB-8
VR
OWS-S-4.5
FORMER OIL/WATER SEPARATOR
SUBSLAB
BUILDING #034-186-080
ELECTRIC BOARD
MW-7
SS-1
FORMER AND CURRENT USTs
BUILDING #034-186-090 (521 E 5TH AVE)
MW-2(E)
CLAREMONT STREET
MW-23
SB-1
RESIDENTIAL BUILDING #034-186-070
RESIDENTIAL BUILDING
BUILDING #034-186-060
SP7
EAST FIFTH AVENUE
RESIDENTIAL #033-282-470
LANDSCAPING
S-1
S-2
FORMER SHELL STATION #034-189-080
FORMER GASOLINE USTs
JIFFY LUBE
PLANTER
S-3
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
SOUTH DELAWARE STREET
DRIVEWAY
MW-8
MW-14B
SP4
CAR PORT
RESIDENTIAL APARTMENTS #034-189-100 (603 E 5TH AVE)
SS-4
MW-4
MW-19
SS-3
SIDEWALK
MW-10R
MW-10
MW-5
SP5
SP1
MW-21
MW-12B
RESIDENTIAL
RESIDENTIAL
RESIDENTIAL #033-283-010
SP2
MW-20
MW-24
SB-11
MW-11
MW-15B
N
0
40'
SCALE

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS		PREPARED BY N. PERIAT	
DATE 28 MAR 14	REV. 6	REVIEWED BY N. PERIAT	

antea group

UTILITY EXPLANATION

- E — UNDERGROUND ELECTRICAL LINE
- W — UNDERGROUND WATER LINE
- S — UNDERGROUND SEWER LINE
- C — UNDERGROUND COMMUNICATIONS LINE
- G — UNDERGROUND GAS LINE
- TS — TRAFFIC SYSTEM LINE
- U — UNKNOWN UTILITY LINE
- AREA LIGHT

EXPLANATION

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- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

NOTES:
GRO = GASOLINE RANGE ORGANICS
PCE = TETRACHLOROETHENE
< = BELOW LABORATORY INDICATED REPORTING LIMIT

ALL CONCENTRATIONS ARE GIVEN IN µg/m³ (MICROGRAMS PER METER CUBED)

Date	GRO	Benzene	PCE
8/23/13	<3800	<2.1	56
1/14/14	<3800	2.0	36

Date	GRO	Benzene	PCE
8/22/13	<3800	<2.0	5.0
2/20/14	<3800	0.54	4.7

Date	GRO	Benzene	PCE
8/22/13	<3800	<2.5	<5.3
1/21/14	<3800	<1.6	4.5

Date	GRO	Benzene	PCE
8/23/13	<3800	<2.3	19
1/14/14	<3800	<1.6	6.8

Date	GRO	Benzene	PCE
8/22/13	<3800	<2.9	88
2/20/14	<3800	0.61	53

Date	GRO	Benzene	PCE
8/23/13	<3800	<1.9	2,200
2/20/14	14,000	0.12	2,100

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 3
VAPOR CONCENTRATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SiteS		PREPARED BY K. THORNLEY	
DATE 21 MAY 14	REV. 6	REVIEWED BY N. PERIAT	

antea group

Appendix A

Agency Correspondence

San Mateo County
Health System

January 29, 2013

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group uploaded the following documents to the State GeoTracker database: 1) assessment report dated July 6, 2012; 2) groundwater and subsurface vapor assessment workplan dated September 7, 2012; and 3) groundwater monitoring report dated November 15, 2012. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these documents and the project file.

Assessment Report

Section 3.5 of the report and the well construction details indicate #3 sand was used for the filter pack of monitoring wells MW-10R, MW-18, and MW-19. A #3 filter pack certainly does not appear appropriate for MW-10R given the texture of the logged soil. Page 4 of our letter dated November 22, 2011 required filter pack size to be based on the texture of the formation opposite the screened interval. Therefore, we may require replacement of these wells if future problems with siltation or remedial effectiveness should occur.

Section 4.1 of the report states no groundwater is present <21 feet below grade (fbg) within the western portion of the site, which is why only deeper groundwater samples were collected from Borings TW-1 and SB-8. However, the depth to groundwater reported in TW-1 and SB-8 and within site wells suggests groundwater is present at approximately 15 fbg (smearing or compaction of fines from the drilling process may have inhibited groundwater from accumulating in the borehole). Installing a shallow monitoring well near at least Boring SB-8 will resolve this problematic issue (discussed in the workplan portion of this letter) and satisfy the assessment of first groundwater in this area that was required in our November 2011 letter.

Section 5.o of the report does not demonstrate Pace lab qualifiers E and S5 do not affect the use of the data. Please upload to GeoTracker by **March 29, 2013**, a letter from the laboratory demonstrating these qualifiers do not affect the use of the qualified results (concluding they don't without justification is not sufficient).

GPP staff do not consider it reasonable for the isoconcentration lines on Figures 5 and 6 to close west, northeast, and southeast of the fuel UST cavity. Results obtained from the deeper screened monitoring wells should not be used to determine where to close these lines because the investigation demonstrated the greatest fuel hydrocarbon concentrations occur in groundwater <21 fbg and no groundwater sampling data from <21 fbg has been collected west and northeast of the fuel UST cavity and south of MW-10R.

Table 2 does not define the abbreviations used for the halogenated organic compounds listed in the column headings, nor does it define the asterisk footnote. Please ensure this is addressed in future versions of this table. It appears the asterisk footnote denotes samples where the reported volatile organic compound concentrations may not be representative of in-situ conditions because an air-knife was used to clear the borehole prior to sampling.

The site history data in Appendix C is not complete and contains some incorrect data. Please incorporate the following comments into future discussions of site history: 1) two holes were observed in the waste oil UST after its removal; 2) Pacific Environmental Group only identified one well within 0.25 mile of site in June 1996 (a cathodic protection well); and 3) Delta is not awaiting GPP staff approval to implement the October 2010 workplan.

The report concludes the tetrachloroethene (PCE) in deeper groundwater (chiefly >21 fbg) did not originate from site activities because soils beneath the former waste oil tank did not contain PCE and relatively low levels of PCE were reported in groundwater sample SB-8. GPP staff consider this conclusion flawed because PCE was in fact reported in a sample of unsaturated zone soil beneath the waste oil UST (Sample WO1; refer to the laboratory report in the report dated November 24, 1992 – incorrectly reported on Table 2 of assessment report). Furthermore, the grab groundwater sample from SB-8 does not explain why the greatest PCE concentrations in groundwater occur in the deeper screened wells downgradient of Unocal's former waste oil tank cavity (MW-7, MW-12B, MW-13B, and MW-15B). Therefore, at this time, it appears activities at the subject site have contributed to the neighborhood PCE plume in concentrations exceeding water quality objectives.

Workplan

The workplan proposes to install two shallow groundwater monitoring wells and two depth discrete subsurface vapor sampling wells. GPP staff approve the proposed installation of the groundwater monitoring wells with the following conditions:

- Install an additional monitoring well screened from 6 to 21 fbg adjacent to the north side of Boring SB-8 to complete the shallow groundwater assessment near the former waste oil UST (an uncompleted objective of the previous assessment). This well will also provide data to assess the lateral extent of dissolved-phase hydrocarbons west of the fuel UST cavity;

- Consider installing a well screened from 21 to 31 fbg near Boring SB-1 to potentially clarify the contribution of PCE from the subject site (T. Endo Automotive Well MW-2 may not be useful for this purpose because the top of the screened interval is 15 fbg [potential dilution compared to data from wells screened >21 fbg]);

- Base the size of the well filter pack on the texture of the formation opposite the screened interval;

- Attempt to coordinate the sampling of these new wells with the First Quarter 2013 groundwater monitoring event; and

- Upload to the State GeoTracker database by **July 18, 2013**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

GPP staff concur subsurface vapor sampling is appropriate, but not from the vapor sampling wells proposed in the workplan. The vapor sampling wells are proposed in landscaped planters adjacent to building foundations and paved areas. Hence, the samples obtained from these wells may underestimate the potential vapor intrusion impact to building occupants because of the physics of subsurface vapor flow near buildings. Therefore, GPP staff approve the subsurface vapor sampling portion of the workplan with the following conditions:

- Install two sub-slab vapor sampling probes in the buildings at 521 and 603 East 5th Avenue instead of the proposed subsurface vapor wells;

- Place the shroud over the sub-slab probe prior to purging (the shroud does not need to surround the Summa canisters if the equipment vacuum test demonstrates the vapor purging and sampling apparatus is tight);

- Record shroud helium concentrations every 30 to 60 seconds (not every 2 to 5 minutes as proposed in the workplan) because the proposed flow rate will fill the proposed 1 liter sampling canister within approximately 6 minutes;

- Collect cold and warm season vapor samples from the sub-slab vapor probes and from existing VP-1 and VP-3 (no Regional Water Quality Control Board soil screening level exists for potential vapor intrusion of PCE);

- Additionally analyze the vapor samples for PCE and naphthalene; and

- Upload to the State GeoTracker database by **May 30, 2014**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the

investigation (assumes offsite access will not be obtained in time to perform cold season vapor sampling before March 2013).

Monitoring Report

The report states the groundwater sample collected from MW-11 may represent groundwater trapped in the well bottom cap from when groundwater elevation exceeded the elevation of the bottom cap. GPP staff consider this conclusion reasonable. Please ensure future versions of Table 3 include a footnote to denote this condition.

The GeoWell files uploaded for the site have not been listing the measured total well depth. Please ensure future GeoWell files list this depth. Please also ensure future hydrocarbon isoconcentration maps are justified as discussed in the assessment report portion of this letter.

The field sampling sheets in Appendix C indicate the depth to the top of the pump intake in the "B" suffixed wells is at the top of the screened interval. This does not appear appropriate, especially when a shallow well is nearby. It appears the depth of the sampling pump intake in the deeper screened wells should approximate 24 fbg. Please also ensure future time series graphs (Appendix F) reference the groundwater elevation to the appropriate datum.

The report recommends discontinuing analysis for PCE. GPP staff do not concur with this conclusion based on the comments in the assessment report portion of this letter. Please continue to additionally analyze the groundwater samples for PCE.

The report recommends discontinuing the calculation of vertical hydraulic gradient. GPP staff do not approve this recommendation. Calculation of vertical hydraulic gradient is customary when shallow/deep well pairs are available (e.g. MW-6/MW-13B and MW-4/MW-19) because contamination does not always remain at the top of the saturated zone. The calculation involves minimal effort because well gauging and construction data are available from other tasks.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Douglas Umland, Antea Group (via Doug.Umland@anteagroup.com)

Appendix B

Site Details and Summary of Previous Environmental Investigations

SITE LOCATION AND BACKGROUND

The site is currently an active "76"-branded service station. The station is located approximately one mile west of San Francisco Bay in San Mateo, California, at an elevation of approximately 20 feet above mean sea level. The site facilities include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building. The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site in 1992.

The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East 4th Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area.

There are seven existing or former gasoline service stations within ¼-mile of the site area. The site is located in a mixed commercial and residential area. The nearest residences are southwest of the site at 411 South Claremont, or approximately 50 feet southwest of the site and an apartment building is located at 603 East 5th Avenue approximately 75 feet northeast of the site.

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon, fiberglass gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. Upon removal of the tanks, a 9-inch crack was observed along the eastern end of the super unleaded gasoline UST, and two 3/16-inch diameter holes were observed in the waste oil tank. A monitoring well had apparently been installed too close to the super unleaded UST, causing the crack. Petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30' by 27' by 22' deep. Initially, six soil samples (A1, A2, B1, B2, SW1, and SW2) were collected from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches.

At a later date, KEI collected an additional three soil samples (SW1, SW2, and SW3) from the gasoline UST cavity, along with a grab groundwater sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater had floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2, and D3) from beneath the gasoline dispensers. Laboratory analyses of soil samples collected from the gasoline UST cavity reported relatively high levels of total petroleum hydrocarbons as gasoline (TPHg) benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and total petroleum hydrocarbons as diesel (TPHd). The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the

presence of the heavy metals cadmium, chromium, nickel, lead and zinc, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. High levels of TPHd, TPHg, and BTEX compounds were also reported in the groundwater sample.

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site. Laboratory analyses of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and BTEX compounds. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially gauged and sampled in June 1994. Laboratory analyses of the water samples collected from MW-2 and MW-3 reported the presence of petroleum hydrocarbons in MW-2 and MW-3. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs) with a groundwater gradient reported at 0.004 foot/foot to the east. KEI concluded to follow a three-month (quarterly) monitoring program.

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed at downgradient, off-site locations in the sidewalk along the opposite side of South Delaware Street from the site. Laboratory analyses of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX contamination in MW-4. The new wells were added to the quarterly groundwater monitoring program and were first sampled in April 1995. Laboratory analyses of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 micrograms per liter (µg/L) TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4.

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 milligrams per kilogram (mg/kg), 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. Tetrachloroethylene (PCE) and other chlorinated solvents were not present in the soil sample.

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at off-site locations. The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab groundwater samples were collected from each borehole. Laboratory analyses of the water samples reported low to moderate levels of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4. Petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2.

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. One documented well was identified within a ¼-mile radius of the site.

In December 2006 and January 2007, SECOR supervised the following activities: advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four additional groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells

(MW-1, MW-2, MW-3, and MW-5). Laboratory analyses of soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab groundwater sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from MW-6 and MW-9 reported petroleum hydrocarbons. Laboratory analyses of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3).

Based on the results of this investigation, SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended installation of a downgradient well in the shallow water bearing zone and downgradient wells in the deeper water bearing zone along East Fifth Avenue and Delaware Street, and to the northwest and northeast (up and cross-gradient) of the site. SECOR recommended groundwater analyses and historical research to identify the possible source of tetrachloroethylene (PCE) in groundwater.

In August 2008, Stantec oversaw the installation of two shallow groundwater monitoring wells (MW-10 and MW-11), and four deeper zone wells (MW-12B, MW-13B, MW-14B, and MW-15B) at locations down-gradient of the subject site. This included the collection of both soil and groundwater samples from the new wells. Stantec also completed a sensitive receptor survey (SRS) as part of this investigation (see below). Stantec concluded that petroleum hydrocarbon plumes in groundwater had been delineated by the new wells, but recommended continued semiannual groundwater monitoring. No additional evaluation of sensitive receptors was recommended based on findings of the SRS (where no sensitive receptors were identified in the immediate down-gradient direction of the site).

Between 2009 and 2010, Delta Consultants prepared an investigation work plan to assess the PCE contamination in groundwater in the vicinity of the site. The San Mateo GPP did not accept the *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan on October 29, 2010.* Delta Consultants revised and resubmitted the work plan to the GPP.

In February 2011, Antea Group (formerly Delta Consultants) received conditional approval from the lead oversight agency, San Mateo County GPP, of their October 29, 2010 submittal titled *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan.*

Between May and June 2011, Antea Group oversaw the installation of one additional groundwater monitoring well MW-17B, and the advancement of six soil borings SB-1 and SB-3 through SB-7 to assess the potential up-gradient presence of PCE in soil and groundwater, as well as to further quantify the degree and extent of

on-site and downgradient hydrocarbon contamination associated with the subject site. Details of the investigation are presented in the July 2011 *Potential Tetrachloroethylene (PCE) Source Investigation Report*.

In April and May 2012, Antea Group completed additional delineation of gasoline contaminants in groundwater to the east and southeast of the USTs, as well as the determining whether or not the subject site is a likely contributor to the PCE contaminant plume present in the regional groundwater. Antea Group oversaw the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Also, Antea Group oversaw the destruction of shallow well MW-10, replaced with new well MW-10R at a deeper screened interval. Antea Group submitted the *Additional Site Investigation Report* summarizing the April and May field activities to the GPP on **July 6, 2012**.

On **September 7, 2012**, Antea Group submitted an *Additional Groundwater and Vapor Investigation Work Plan* to the GPP. In this Work Plan, Antea Group proposed installing two additional monitoring wells downgradient of wells MW-10R and MW-18, as well as two nested vapor wells adjacent to the neighboring, off-site buildings.

In March 2013, Antea Group installed monitoring wells MW-20 and MW-21 *Plan*, to further define the shallow groundwater contaminant plume, in general accordance with the *Additional Groundwater and Vapor Investigation Work Plan* dated September 7, 2012. In addition, soil boring SB-11 was advanced and monitoring well MW-11 was destroyed per GPP request.

In June and July 2013, Antea Group installed monitoring wells MW-22 through MW-24 to assess the contribution of PCE from the former waste oil UST (MW-22), to assess PCE concentrations upgradient of the site (MW-23), and to further define the extent of the shallow groundwater contaminant plume (MW-24). Antea Group also advanced soil boring SB-10 to assess onsite shallow soil conditions near the tank pit. Antea Group submitted the *Additional Soil and Groundwater Investigation Report* summarizing field activities to the GPP on **July 17, 2013**.

In August 2013, Antea Group installed and sampled sub-slab soil vapor probes SS-1 through SS-4 off-site to assess soil vapor conditions within the hydrocarbon contaminant plume beneath the residential and commercial properties adjacent to and downgradient of the site. Vapor samples were collected in August 2013 and January/February 2014.

Sensitive Receptors

In 1996, a well survey was performed by Pacific. Four wells (three cathodic protection wells and one irrigation well) were identified within ¼-mile of the site. The City of San Mateo confirmed that there are two irrigation wells in Central Park (approximately 2,544 feet south of the site) and one irrigation well at King Center (approximately 3,648 north-northwest of the site).

Stantec performed a sensitive receptor survey within a ½-mile radius of the site during July 2008. A detailed parcel survey was performed at a 500-foot radius around the site. Research of the DWR well completion record database identified one irrigation well located approximately 2,208 feet north-northeast of the Site at 1015 2nd Avenue, San Mateo. The well was installed in 1953 to a depth of 46 feet bgs with a screened interval of 30 to 46 feet bgs. There

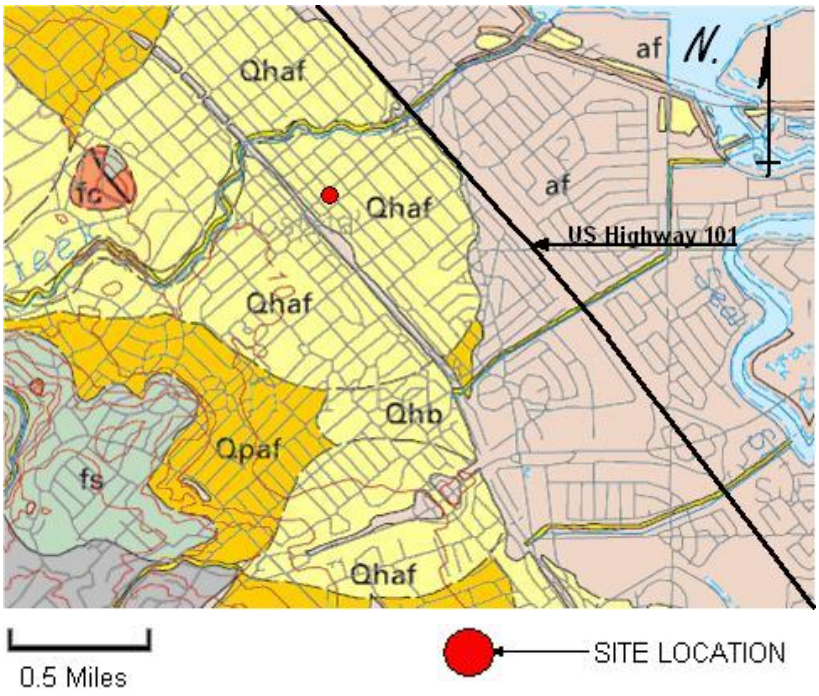
was one surface water body (San Mateo Creek) identified within the limits of the ½-mile survey, approximately 1,488 feet north of the site.

SITE SETTING

Regional Geologic Setting

The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay. The geologic map of the vicinity below shows that the site is underlain by alluvial fan and fluvial deposits (Qhaf). Near the edge of San Francisco Bay, the deposits consist of medium dense sands that fine upward to sandy or silty clay (E.E. Brabb, et al., 1998). Other deposits in the area are heterogeneous artificial fill (af) and basin

Geologic Map of Vicinity



GEOLOGY OF THE ONSHORE PART OF SAN MATEO COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE 98-137

deposits (Qhb) consisting of fine silty clay to clay deposits.

Regional Hydrogeologic Setting

The site is located within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. Groundwater throughout the area flows typically northeasterly, originating in the Santa Cruz Mountains to the west and flowing towards San Francisco Bay. The basin is composed of alluvial fan deposits formed by tributaries to San Francisco Bay. The water-bearing formations comprise two groups; the Santa Clara Formation of the older

Plio-Pleistocene age and the Quaternary age alluvial deposits. The shallow alluvial deposits overlie the Santa Clara Formation and have a maximum depth of about 1,250-feet.

Quaternary age alluvium consists of sand, gravel, silt, and clay deposits that are about 100-feet thick and average about 60-feet thick. The Pliocene age San Mateo Formation consists of deposits of marine sand, gravel, silt, and clay, which are locally water-bearing (DWR 2003).

The prominent groundwater flow direction is to the east.

Pacific Environmental Group, Inc. (Pacific) conducted a well survey and reviewed California Department of Water Resources (DWR) well records in June 1996. PEG only identified one documented cathodic protection well within a ¼-mile radius of the site.

Stantec conducted a sensitive receptor survey within a ½-mile of the site between July 2008 and August 2008 (Stantec 2008). A detailed parcel survey was performed at a 500-foot radius surrounding the site. The parcel survey identified 12 properties with basements, two properties with a sump, and no properties with groundwater wells within the 500-foot radius. A field canvas by Stantec did not identify groundwater production wells, or accompanying facilities associated with groundwater production wells within the search radius. In addition, California Water Service Company, the primary water provider for the area, indicated that they did not have any water supply wells within ½-mile boundary of the survey area.

There is one surface water body identified within the limits of the ½ -mile survey. San Mateo Creek is located approximately 1,488-feet north of the site.

Appendix C

Soil Vapor Sampling Field Data Sheets

Site ID: 1402563900

Soil Vapor Sampling Field Data Sheet

Date: 8/22/13 SV Point: SS-1 Sampled By: Nadine Peniat

Summa ID: SLC080 Flow Regulator ID: SGM310

Pressure Test Time: 15:22 Pass Test? Y

Time	%He	Comments
15:36	63	Start Purge @ -30 in Hg (2 Liters)
1539	65	-27 in Hg
1545	55	-24 in Hg
1547	44	Stop purge -20 in Hg
1547	44	Begin sampling @ -30 in Hg
1548	52	-25 in Hg
1549	53	-20 in Hg
1550	46	-15 in Hg
1551	62	-10 in Hg
1552	60	Stop sampling @ -5 in Hg

Date: 8/22/13 SV Point: SS-2 Sampled By: Nadine Peniat

Summa ID: SLC062 Flow Regulator ID: SGM270

Pressure Test Time: 1610 Pass Test? Y

Time	%He	Comments
1640	44	Start purge -20 in Hg (Vmp 2L)
1644	40	-17 in Hg
1647	45	-14 in Hg
1652	42	Stop Purge -10 in Hg
1652	46	Start sampling @ -30 in Hg
1654	45	-18 in Hg
1655	45	-14 in Hg
1656	44	-8 in Hg
1658	46	Stop sampling. -6 in Hg

Site ID: 1405256390

Soil Vapor Sampling Field Data Sheet

Date: 8/22/13 SV Point: SS-3 Sampled By: Nadine Peniat

Summa ID: LC094 (1L) Flow Regulator ID: SGM321

Pressure Test Time: 13:13 Pass Test? Y

Time	%He	Comments
13:13	—	Pressure shut in test
13:23	45	Start purge @ -30 in Hg (2L)
13:28	47	@ -26 in Hg
13:40	45	End Purge @ -20 in Hg
13:40	45	Start sampling @ -30 in Hg
1342	44	@ -25 in Hg
1343	43	@ -19 in Hg
1344	45	@ -14 in Hg
1345	42	@ -11 in Hg
1346	45	@ -8 in Hg
1347	43	End Sample @ -6 in Hg

Date: 8/22/13 SV Point: SS-4 Sampled By: Nadine Peniat

Summa ID: ~~LC706~~ LC706 Flow Regulator ID: SGM330

Pressure Test Time: 1409. Pass Test? Y

Time	%He	Comments
1408	—	P-test
1421	40	Start purge @ -20 in Hg
1429	48	-12 in Hg
1433	49	-10 in Hg
1433	49	Start Sample -30 in Hg
1435	47	-25 in Hg
1436	44	-20 in Hg
1437	48	-15 in Hg
1438	44	-11 in Hg
1439	52	-9 in Hg
1440	48	-7 in Hg
1441	46	End Sample -6 in Hg.

Site ID: I402S6390

Soil Vapor Sampling Field Data Sheet

Date: 8/22/2013 SV Point: DUP (SS-4) Sampled By: NADINE PERIAT

Summa ID: LC721 Flow Regulator ID: SGM212

Pressure Test Time: 1408 Pass Test? YES

Time	%He	Comments
1408	——	START PRESSURE TEST AT -~~30~~ 20 "Hg
1413	——	FINISH PRESSURE TEST AT -20 "Hg
1421	40%	START PURGE
1429	48%	
1433	49%	FINISH PURGE
1433	49%	BEGIN SAMPLING AT -30 "Hg
1435	47	-25" Hg
1436	44	-20" Hg
1437	48	-15" Hg
1438	44	-11 "Hg
1439	52	-9 "Hg
1440	48	-7 "Hg
1440	46	STOP SAMPLING AT -6 "Hg

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments

* Take He readings every 30-60 seconds
* Install He Shroud prior to purging

Site ID:

Soil Vapor Sampling Field Data Sheet

Date: 8/23/13 SV Point: VP-1 Sampled By: Nadine Periat

Summa ID: LC1149 Flow Regulator ID: 36M370

Pressure Test Time: 11:17 Pass Test? yes

Time	%He	Comments
11:32	40	Start purge (PURGE 1) -30 in Hg
11:36	32	26 in Hg
11:40	41	23 in Hg
11:44	41	20 in Hg
11:48	43	17 in Hg
11:52	55	14 in Hg
11:55	46	9 in Hg
12:00	43	7 in Hg
12:05	45	5 in Hg Stop purge
12:06	44	Start sampling -30 in Hg
12:07	41	-25 in Hg
12:08	68	-20 in Hg
12:09	59	-15 in Hg
12:10	56	-12 in Hg
12:11	55	-9
12:12	54	-7 in Hg
12:13	53	-5 in Hg Stop sampling

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments

Site ID: 140256890

Soil Vapor Sampling Field Data Sheet

Date: 8/23/13 SV Point: VP-3 Sampled By: S Sichler

Summa ID: LC494 Flow Regulator ID: 56M295

Pressure Test Time: 11:22am Pass Test? Y

Time	%He	Comments
1150	59.4	Begin purging (~30 in Hg purge)
1154	53.7	@ -26 in Hg
1158	49.5	@ -24 in Hg
1202	47.9	@ -20 in Hg
12:04	53.6	@ -18 in Hg
12:08	47.9	@ -12 in Hg
12:14	51.2	@ -11 in Hg
12:18	42.6	@ -9 in Hg
12:22	42.5	@ -7 in Hg
12:26	47.7	@ -6 in Hg
12:28	44.8	@ -5 in Hg Stop purging
12:28	44.8	@ -30 in Hg Start sampling
12:29	43.1	@ -27 in Hg
12:30	40.6	@ -23 in Hg
12:31	52.8	@ -17 in Hg
12:32	48.9	@ -13 in Hg
12:33	45	@ -9 in Hg
12:34	43.6	@ -7 in Hg

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
12:35	41.0	@ 5 in Hg Stop sampling.

Site ID: I402563 90

Soil Vapor Sampling Field Data Sheet

Date: 1/14/14 SV Point: SS-1 Sampled By: RNR / DSS

Summa ID: LC205 Flow Regulator ID: SGM340

Pressure Test Time: 0924 Pass Test? YES

Time	%He	Comments
0914	—	START PRESSURE TEST (USE PURGE SUMMA #1)
0919	55	START He SHROUD
0920	55	
0921	55	
0922	55	
0923	54	
0924	54	
0925	54	START PURGE (2L) ON PURGE-2 @ -30"Hg
0926	53	
0927	53	
0928	52	
0930	52	
0931	52	
0932	52	
0933	51	
0934	51	FINISH PURGE (2L) ON PURGE-1 @ -20"Hg
0935	51	START SAMPLING @ -30"Hg
0936	51	-28"Hg

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
0937		-23"Hg
0938		-16"Hg
0939		-11"Hg
0940		-7"Hg
0941	49	FINISH SAMPLING @ -5"Hg

Site ID: I40256390

Soil Vapor Sampling Field Data Sheet

Date: 1/14/14 SV Point: SS-2 Sampled By: RNR/DSS

Summa ID: LC279 Flow Regulator ID: SGM100

Pressure Test Time: 1038 Pass Test? YES

Time	%He	Comments
1038	—	START PRESSURE TEST (USE PURGE-1)
1049	54	START He SHROUD
1050	54	
1051	54	
1052	54	
1053	53	
1054	53	
1055	53	START PURGE (2L) ON PURGE-1 @ -20" Hg
1056	53	
1057	52	
1058	52	
1059	52	
1100	52	
1101	51	
1102	51	
1103	51	
1104	50	
1105	50	

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
1106	50	FINISH PURGE (2L) ON PURGE-1 @ -10" Hg
1106	50	START SAMPLING @ -30" Hg
1107	49	-25 " Hg
1108	49	-25 " Hg
1109	49	-24 " Hg
1110	54	-20 " Hg
1111	54	-15 " Hg
1112	54	-11 " Hg
1113	54	-9 " Hg
1114	53	-7 " Hg
1115	53	FINISH SAMPLING @ -5 " Hg

Site ID: I402563 90

Soil Vapor Sampling Field Data Sheet

Date: 1/14/14 SV Point: SS-3/DUP-1 Sampled By: RNR/DSS

Summa ID: LC063/LC476 Flow Regulator ID: SGM316/SGM308

Pressure Test Time: 1236 Pass Test? YES

Time	%He	Comments
1236	—	START PRESSURE TEST (USING PURGE-1)
1241	58	START He SHROUD
1242	58	
1243	58	
1244	58	
1245	57	PURGING
1246	57	START ~~PURGING~~ ON PURGE-1 @ -10"Hg
1247	57	
1248	57	
1249	57	
1250	57	
1251	56	
1252	56	
1253	56	
1254	56	
1255	55	
1256	55	
1257	55	

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments		
1258	54	FINISH PURGE (2L) ON PURGE-1 @ 0"Hg		
1258	54	START SAMPLING @	-30"Hg (SS-3)	-30"Hg (DUP-1)
1259	54		-26"Hg	-25"Hg
1300	53		-21"Hg	-24"Hg
1301	53		-18"Hg	-21"Hg
1302	52		-14"Hg	-18"Hg
1303	52		-11"Hg	-15"Hg
1304	51		-9"Hg	-10"Hg
1305	51	STOP SAMPLING (SS-3) @	-5"Hg	-8"Hg
1306	50			-6"Hg
1307	49	STOP SAMPLING (DUP-1) @		-5"Hg

Site ID: I40256390

Soil Vapor Sampling Field Data Sheet

Date: 1/14/14 SV Point: SS-4 Sampled By: RNR / DSS

Summa ID: LC776 Flow Regulator ID: SGM349

Pressure Test Time: 1345 Pass Test? YES

Time	%He	Comments
1345	-	START PRESSURE TEST (USE PURGE #2)
1350	55	START He SHROUD
1351	55	
1352	55	
1353	55	
1354	55	
1355	54	START PURGE ON PURGE-2 @ -30" Hg
1356	54	~~-29 "Hg~~
1357	54	
1358	54	
1359	54	
1400	52	
1401	52	
1402	52	
1403	51	
1404	50	
1405	50	
1406	49	

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments		
1407	49			
1408	49			
1409	48			
1410	48	FINISH PURGE ON PURGE-2 @	-20 "Hg	
1411	54	START SAMPLING ON PURGE-2 @	-30 "Hg	
1412	54		-28 "Hg	
1413	54		-26 "Hg	
1414	54		-25 "Hg	
1415	53		-23 "Hg	
1416	53		-22 "Hg	
1417	53		-21 "Hg	
1418	53		-21 "Hg	
1419	53		-21 "Hg	
1420	52		-21 "Hg	
1421	52		-20 "Hg	
1422	52		-20 "Hg	
1423	52		-20 "Hg	
1424	51		-20 "Hg	
1425	51		-20 "Hg	
1426	51		-20 "Hg	
1427	50		-20 "Hg	
1428	50		-20 "Hg	
1429	50		-20 "Hg	
1430	50		-20 "Hg	
1431	49		-20 "Hg	
1432	49		-20 "Hg	

1433	49	-20 "Hg
1434	49	-20
1435	48	-20
1436	48	-20
1437	55	-20
1438	55	-20
1439	55	-20
1440	55	-20
1441	55	-20
1442	55	-20
1443	55	-20
1444	54	-20
1445	54	-20

STOP SAMPLING @ -20 "Hg

Site ID: U402560390

Soil Vapor Sampling Field Data Sheet

Date: 1/14/14 SV Point: VP-1 Sampled By: DSS/RSS

Summa ID: D483 Flow Regulator ID: SGM367

Pressure Test Time: ~~1455~~/1535 Pass Test? Y/~~N~~

Time	%He	Comments
1526		Start pressure test (use Purge Summa #3)
1531	55	Start He shroud
1532	55	
1533	55	
1534	55	
1535	54	end pressure test
1536	54	Start purge (2L) with purge Summa #3 -30" Hg
1537	54	
1538	54	
1539	54	
1540	53	
1541	53	
1542	53	
1543	52	
1544	52	
1545	52	
1546	52	
1547	51	

*1609	52	end purge -5 "Hg	
1610	52	Start sample -31 "Hg	
1611	52	-31 "Hg	
1612	52	-30	
1613	51	-30	
1614	51	-30	
1615	51	-29	
1616	51	-29	
1617	50		

		% He
**1640	-10 "Hg	53
1641	-9	53
1642	-9	53
1643	-8	53
1644	-8	

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
1548	51	
1549	51	
1550	51	
1551	50	
1552	50	
1553	50	
1554	50	
1555	49	
1556	49	
1557	49	
1558	48	
1559	48	
1600	48	
1601	48	(-16 "Hg)
1602	48	
1603	53	
1604	53	
1605	53	
1606	53	
1607	53	
1608	52	

1618	50	-28	
1619	50	-27 "Hg	
1620	50	-26	
1621	50	-25	
1622	50	-24	
1623	49	-23	
1624	49	-20	
1625	49	-20	
1626	49	-19	
1627	49	-19	
1628	48	-18	
1629	48	-18 "Hg	
1630	48	-17 "Hg	
1631	47	-17	
1632	47	-16	
1633	47	-15	
1634	47	-14 "Hg	
1635	47	-13	
1636	54	-12	
1637	54	-11 "Hg	
1638	54	-11	
1639	54	-10 "Hg	

1645	-8	52
1646	-7	52
1647	-7	51
1648	-6	51
1649	-6	50
1650	-6	50
1651	end sample -5.5 "Hg	

* **

Site ID: 140256390

Soil Vapor Sampling Field Data Sheet

Date: 1/14/14 SV Point: UP-3 Sampled By: DSS/RSS

Summa ID: D620 Flow Regulator ID: SGM208

Pressure Test Time: 1620 Pass Test? YES

Time	%He	Comments
1620	—	START PRESSURE TEST ON PURGE-4
1630	55	START He SURVEY
1635	55	START PURGE ON PURGE-4 @ -30" Hg
1636	55	-30" Hg
1637	55	-29" Hg
1638	54	-29 " Hg
1639	54	-29 " Hg
1640	54	-28 " Hg
1641	54	-28 " Hg
1642	54	-28 " Hg
1643	54	-27 " Hg
1644	54	-27 " Hg
1645	54	-26" Hg
1646	53	-26 " Hg
1647	53	-25 " Hg
1648	53	-24 " Hg
1649	52	-23" Hg
1650	52	-21 " Hg

1651 52 ~~1651~~ -20" Hg
1652 52 -20 " Hg
1653 52 -19 " Hg
1654 51 -18 " Hg
1656 51 -18 " Hg
1657 50 -17 " Hg (-17" Hg)
1658 50 -16 " Hg
1659 50 -15 " Hg
1700 50 -15 " Hg
1701 49 -14 " Hg
1702 49 -14 " Hg
1703 48 -13 " Hg
1704 48 -12 " Hg
1705 47 -10 " Hg
1706 47 -10 " Hg

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
1707	47	-16 " Hg
1708	46	-10 " Hg
1709	46	-10 " Hg
1710	56	-9 " Hg
1711	56	-9 " Hg
1712	56	-8 " Hg
1713	55	-7 " Hg
1714	55	-7 " Hg
1715	55	-6 " Hg
1716	55	-6 " Hg
1717	55	-5 " Hg [END PURGE]
1718	54	START SAMPLE -31" Hg
1719	54	-30 " Hg
1720	54	-29 " Hg
1721	54	-28 " Hg
1722	54	-27 " Hg
1723	54	-27 " Hg
1724	53	-26 " Hg
1725	53	-26 " Hg
1726	53	-25 " Hg
1727	53	-25" Hg

1728 52 -25 " Hg
1729 52 -24 " Hg
1730 52 -23 " Hg
1731 52 -22 " Hg
1732 51 -21 " Hg
1733 51 -20 " Hg
1734 51 -9 " Hg
1735 51 -19 " Hg
1736 50 -17 " Hg
1737 50 -16 " Hg
1738 50 -16 " Hg
1739 50 -15 " Hg
1740 50 -15 " Hg
1741 49 -14 " Hg
1742 49 -14 " Hg
1743 49 -13 " Hg
1744 49 -12 " Hg
1745 49 -12 " Hg
1746 48 -11 " Hg
1747 48 -10 " Hg
1748 48 -10 " Hg

1749 48 -9" Hg
1750 47 -9" Hg
1751 47 -8 " Hg
1752 47 -8 " Hg
1753 47 -8 " Hg
1754 46 -7 " Hg
1755 46 -7 " Hg
1756 46 -7 " Hg
1757 46 -7 " Hg
1758 50 -6 " Hg
1759 50 -6 " Hg
1800 50 -6 " Hg
1801 50 -6 " Hg
1802 50 -6 " Hg
1803 49 -6 " Hg
1804 49 -6 " Hg
1805 49 -5 " Hg
1806 49 -5 " Hg
~~1807~~ END SAMPLE
~~1808~~ @1806
1809

Site ID: I40256390

Soil Vapor Sampling Field Data Sheet

Date: 1/24/14 SV Point: SS-4 Sampled By: DAVID SISAK

Summa ID: LC774 Flow Regulator ID: SGM306

Pressure Test Time: 1035 Pass Test? YES

Time	%He	Comments
1035	—	BEGIN PRESSURE TEST AT -26" Hg
1040	—	FINISH PRESSURE TEST AT -26" Hg
1040	~~37~~ 45	START HELIUM SHROUD AT
1041	~~38~~ 45	
1042	45	
1043	44	
1044	44	
1045 ~~1044~~	44	PURGING
1046	45	START ~~SAMPLING~~ AT -30" Hg
1047	47	-26 " Hg
1048	44	-25 " Hg
1049	44	-24 " Hg
1050	48	-24 " Hg
1051	46	-23 " Hg
1052	44	-23 " Hg
1053	42	-22 " Hg
1054	45	-21 " Hg
1055	44	-20 " Hg

~~Date:~~ ~~SV Point:~~ ~~Sampled By:~~

~~Summa ID:~~ ~~Flow Regulator ID:~~

~~Pressure Test Time:~~ ~~Pass Test?~~

Time	%He	Comments
1056	46	-20" Hg
1057	45	-19 " Hg
1058	45	-19 " Hg
1059	44	STOP PURGE AT -18 " Hg
1100	46	START SAMPLING AT -30 " Hg
1101	45	-27 " Hg
1102	45	-24 " Hg
1103	44	-18 " Hg
1104	45	-15 " Hg
1105	44	-12 " Hg
1106	45	-9 " Hg
1107	43	-6 " Hg
1108	45	STOP SAMPLING AT -5 " Hg

Site ID: 6390

Soil Vapor Sampling Field Data Sheet

Date: 2/20/14 SV Point: SS-1 Sampled By: Nadine Peniet

Summa ID: D518 (6L) Flow Regulator ID: SGM271

Pressure Test Time: 9:25 Pass Test? Yes

Time	%He	Comments
9:35	40.9	Start Helium shroud equilibrium (5 mins)
9:37	40.1	
9:40	39.2	End Helium equilibrium, start purging (Purge 1 @ -30 in Hg)
9:42	39.9	-29 in Hg
9:45	40.5	-27 in Hg
9:47	44.5	-24 in Hg
9:50	43.2	-22 in Hg
9:52	42.6	-20 in Hg Stop purging,
9:52	42.6	Start Sampling (-30 in Hg)
9:54	46.2	-30 in Hg
9:56	47.2	-29 in Hg
9:59	49.5	-28 in Hg
10:01	46.2	-26 in Hg
10:04	42.4	-24 in Hg
10:06	41.2	-22.5
10:08	40.3	-21
10:10	44.0	-20 in Hg
10:13	45.1	-18 in Hg

SS-1 continued

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
10:17	43.1	-16 in Hg
10:20	41.3	-14.5 in Hg
10:24	43.3	-13 in Hg
10:28	42.2	-10 in Hg Stop Sampling.

Site ID: 6390

Soil Vapor Sampling Field Data Sheet

Date: 2/20/14 SV Point: SS-2 Sampled By: Nadine Peniat

Summa ID: D350 Flow Regulator ID: SGM342

Pressure Test Time: 10:25 Pass Test? yes

Time	%He	Comments
10:35	40.5	start Helium shroud equilibrium (5 mins)
10:37	41.2	
10:40	40.7	Start purging w/Purge 2 (-30 in Hg)
10:42	41.3	-28
10:46	40.6	-25.5
10:48	40.3	-23 in Hg
10:51	40.9	-21 in Hg
10:52	40.2	Stop purging (-20 in Hg)
10:52	40.2	Start Sampling (-30 in Hg)
10:54	41.3	-28.5 in Hg
10:56	40.1	-27 in Hg
10:59	44.3	-24 in Hg
11:02	40.2	-22 in Hg
11:04	42.3	-21 in Hg
11:07	44.2	-19 in Hg
11:11	47.0	-16 in Hg
11:14	44.9	-14 in Hg
11:17	41.4	-12 in Hg

SS-2 continued

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments
11:21	40.2	-10 in Hg
11:23	40.9	-9 in Hg Stop sampling.

Site ID: 6390

Soil Vapor Sampling Field Data Sheet

Date: 2/20/14 SV Point: SS-3 Sampled By: Nadine Periat

Summa ID: D792 Flow Regulator ID: 96M296

Pressure Test Time: 12:34 Pass Test? yes

Time	%He	Comments	
12:42	41.2	Start Helium Stability (5 mins)	
12:45	42.1		
12:47	43.9	Start purging w/PUMP 2 (-20 in Hg)	
12:49	40.2	-19 in Hg	
12:51	41.8	-17 in Hg	
12:54	47.2	-15 in Hg	
12:57	43.1	-13 in Hg	
12:59	42.0	-11 in Hg	
13:00	48.2	-10 in Hg Stop purging	
13:00	48.2	Start sampling (-30 in Hg)	DUP-1: -30 in Hg
13:03	46.5	-28 in Hg	-29 in Hg
13:06	44.2	-26	-27
13:08	45.1	-24	-25
13:11	49.3	-22	-23
13:13	46.2	-20	-21
13:16	42.2	-18.5	-19.5
13:18	42.1	-17	-18
13:20	43.8	-16	-17

SS-3 Dup-1 continued

Date: SV Point: Sampled By:

Summa ID: Flow Regulator ID:

Pressure Test Time: Pass Test?

Time	%He	Comments	
13:22	44.8	-14	-15
13:24	47.5	-12	-13
13:26	42.3	-11	-12
13:28	44.8	-10	-11
13:31	43.2	-9	-10
13:33	40.1	-8 Stop Sampling	-9

Appendix D

Laboratory Analytical Reports and Laboratory Validation Sheets

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

CALSCIENCE

WORK ORDER NUMBER: 13-08-1807

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Antea Group

Client Project Name: COPELT / I40256390

Attention: Nadine Periat
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Approved for release on 09/04/2013 by:
Richard Villafania
Project Manager

ResultLink

Email your PM

ACCREDITED IN ACCORDANCE WITH nelac

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

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Client Project Name: COPELT / I40256390
Work Order Number: 13-08-1807

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Calscience Environmental Laboratories, Inc.

Work Order Narrative

Work Order: 13-08-1807 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 08/27/13. They were assigned to Work Order 13-08-1807.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Return to Contents

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: ASTM D-1946
Units: %v

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**13-08-1807-1-A**	**08/22/13 15:52**	**Air**	**GC 65**	**N/A**	**08/28/13 11:03**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	0.990	0.500	1	
Oxygen + Argon	20.6	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**13-08-1807-2-A**	**08/22/13 16:58**	**Air**	**GC 65**	**N/A**	**08/28/13 11:24**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	0.917	0.500	1	
Oxygen + Argon	20.6	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**13-08-1807-3-A**	**08/22/13 13:47**	**Air**	**GC 65**	**N/A**	**08/28/13 11:54**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	1.96	0.500	1	
Oxygen + Argon	19.2	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**13-08-1807-4-A**	**08/22/13 14:40**	**Air**	**GC 65**	**N/A**	**08/28/13 12:18**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	1.29	0.500	1	
Oxygen + Argon	19.8	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP	**13-08-1807-5-A**	**08/22/13 00:00**	**Air**	**GC 65**	**N/A**	**08/28/13 12:37**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	1.26	0.500	1	
Oxygen + Argon	19.8	0.500	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: ASTM D-1946
Units: %v

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**13-08-1807-6-A**	**08/23/13 12:13**	**Air**	**GC 65**	**N/A**	**08/28/13 12:55**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	1.51	0.500	1	
Oxygen + Argon	20.3	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**13-08-1807-7-A**	**08/23/13 12:35**	**Air**	**GC 65**	**N/A**	**08/28/13 13:14**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	2.36	0.500	1	
Oxygen + Argon	18.2	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-03-002-1883**	**N/A**	**Air**	**GC 65**	**N/A**	**08/28/13 10:39**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	ND	0.500	1	
Oxygen + Argon	ND	0.500	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: ASTM D-1946 (M)
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**13-08-1807-1-A**	**08/22/13 15:52**	**Air**	**GC 55**	**N/A**	**08/28/13 16:23**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.627	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**13-08-1807-2-A**	**08/22/13 16:58**	**Air**	**GC 55**	**N/A**	**08/28/13 17:11**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0380	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**13-08-1807-3-A**	**08/22/13 13:47**	**Air**	**GC 55**	**N/A**	**08/28/13 17:59**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0402	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**13-08-1807-4-A**	**08/22/13 14:40**	**Air**	**GC 55**	**N/A**	**08/28/13 18:49**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0732	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP	**13-08-1807-5-A**	**08/22/13 00:00**	**Air**	**GC 55**	**N/A**	**08/28/13 19:35**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0728	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**13-08-1807-6-A**	**08/23/13 12:13**	**Air**	**GC 55**	**N/A**	**08/28/13 20:23**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0162	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**13-08-1807-7-A**	**08/23/13 12:35**	**Air**	**GC 55**	**N/A**	**08/28/13 21:15**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0216	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-872-492**	**N/A**	**Air**	**GC 55**	**N/A**	**08/28/13 15:58**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**13-08-1807-1-A**	**08/22/13 15:52**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 15:21**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.9	1.22	
Diisopropyl Ether (DIPE)	ND	10	1.22	
Ethyl-t-Butyl Ether (ETBE)	ND	10	1.22	
Tert-Amyl-Methyl Ether (TAME)	ND	10	1.22	
1,2-Dibromoethane	ND	4.7	1.22	
1,2-Dichloroethane	ND	2.5	1.22	
Ethanol	17	11	1.22	
Ethylbenzene	ND	2.6	1.22	
Methyl-t-Butyl Ether (MTBE)	ND	8.8	1.22	
Naphthalene	ND	32	1.22	
o-Xylene	ND	2.6	1.22	
p/m-Xylene	ND	11	1.22	
Tert-Butyl Alcohol (TBA)	ND	7.4	1.22	
Toluene	ND	2.3	1.22	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-134	
1,2-Dichloroethane-d4	98	67-133	
Toluene-d8	98	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**13-08-1807-1-A**	**08/22/13 15:52**	**Air**	**GC/MS YY**	**N/A**	**09/03/13 19:21**	**130903L01**

Parameter	Result	RL	DF	Qualifiers
Tetrachloroethene	2200	71	21	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	68-134	
1,2-Dichloroethane-d4	107	67-133	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**13-08-1807-2-A**	**08/22/13 16:58**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 16:18**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	2.9	1.82	
Diisopropyl Ether (DIPE)	ND	15	1.82	
Ethyl-t-Butyl Ether (ETBE)	ND	15	1.82	
Tert-Amyl-Methyl Ether (TAME)	ND	15	1.82	
1,2-Dibromoethane	ND	7.0	1.82	
1,2-Dichloroethane	ND	3.7	1.82	
Ethanol	ND	17	1.82	
Ethylbenzene	4.4	4.0	1.82	
Methyl-t-Butyl Ether (MTBE)	ND	13	1.82	
Naphthalene	ND	48	1.82	
o-Xylene	10	4.0	1.82	
p/m-Xylene	19	16	1.82	
Tert-Butyl Alcohol (TBA)	ND	11	1.82	
Tetrachloroethene	88	6.2	1.82	
Toluene	6.2	3.4	1.82	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	101	68-134	
1,2-Dichloroethane-d4	98	67-133	
Toluene-d8	95	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**13-08-1807-3-A**	**08/22/13 13:47**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 17:14**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	2.0	1.25	
Diisopropyl Ether (DIPE)	ND	10	1.25	
Ethyl-t-Butyl Ether (ETBE)	ND	10	1.25	
Tert-Amyl-Methyl Ether (TAME)	ND	10	1.25	
1,2-Dibromoethane	ND	4.8	1.25	
1,2-Dichloroethane	ND	2.5	1.25	
Ethanol	ND	12	1.25	
Ethylbenzene	ND	2.7	1.25	
Methyl-t-Butyl Ether (MTBE)	ND	9.0	1.25	
Naphthalene	ND	33	1.25	
o-Xylene	ND	2.7	1.25	
p/m-Xylene	ND	11	1.25	
Tert-Butyl Alcohol (TBA)	ND	7.6	1.25	
Tetrachloroethene	5.0	4.2	1.25	
Toluene	ND	2.4	1.25	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	68-134	
1,2-Dichloroethane-d4	98	67-133	
Toluene-d8	99	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**13-08-1807-4-A**	**08/22/13 14:40**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 18:10**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	2.5	1.56	
Diisopropyl Ether (DIPE)	ND	13	1.56	
Ethyl-t-Butyl Ether (ETBE)	ND	13	1.56	
Tert-Amyl-Methyl Ether (TAME)	ND	13	1.56	
1,2-Dibromoethane	ND	6.0	1.56	
1,2-Dichloroethane	ND	3.2	1.56	
Ethanol	170	15	1.56	
Ethylbenzene	ND	3.4	1.56	
Methyl-t-Butyl Ether (MTBE)	ND	11	1.56	
Naphthalene	ND	41	1.56	
o-Xylene	ND	3.4	1.56	
p/m-Xylene	ND	14	1.56	
Tert-Butyl Alcohol (TBA)	ND	9.5	1.56	
Tetrachloroethene	ND	5.3	1.56	
Toluene	ND	2.9	1.56	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-134	
1,2-Dichloroethane-d4	98	67-133	
Toluene-d8	97	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP	**13-08-1807-5-A**	**08/22/13 00:00**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 19:07**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	2.4	1.49	
Diisopropyl Ether (DIPE)	ND	12	1.49	
Ethyl-t-Butyl Ether (ETBE)	ND	12	1.49	
Tert-Amyl-Methyl Ether (TAME)	ND	12	1.49	
1,2-Dibromoethane	ND	5.7	1.49	
1,2-Dichloroethane	ND	3.0	1.49	
Ethanol	170	14	1.49	
Ethylbenzene	ND	3.2	1.49	
Methyl-t-Butyl Ether (MTBE)	ND	11	1.49	
Naphthalene	ND	39	1.49	
o-Xylene	ND	3.2	1.49	
p/m-Xylene	ND	13	1.49	
Tert-Butyl Alcohol (TBA)	ND	9.0	1.49	
Tetrachloroethene	ND	5.1	1.49	
Toluene	ND	2.8	1.49	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-134	
1,2-Dichloroethane-d4	98	67-133	
Toluene-d8	99	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**13-08-1807-6-A**	**08/23/13 12:13**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 20:05**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	2.3	1.43	
Diisopropyl Ether (DIPE)	ND	12	1.43	
Ethyl-t-Butyl Ether (ETBE)	ND	12	1.43	
Tert-Amyl-Methyl Ether (TAME)	ND	12	1.43	
1,2-Dibromoethane	ND	5.5	1.43	
1,2-Dichloroethane	ND	2.9	1.43	
Ethanol	15	13	1.43	
Ethylbenzene	ND	3.1	1.43	
Methyl-t-Butyl Ether (MTBE)	ND	10	1.43	
Naphthalene	ND	37	1.43	
o-Xylene	ND	3.1	1.43	
p/m-Xylene	ND	12	1.43	
Tert-Butyl Alcohol (TBA)	ND	8.7	1.43	
Tetrachloroethene	19	4.8	1.43	
Toluene	ND	2.7	1.43	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-134	
1,2-Dichloroethane-d4	99	67-133	
Toluene-d8	98	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**13-08-1807-7-A**	**08/23/13 12:35**	**Air**	**GC/MS YY**	**N/A**	**09/03/13 20:16**	**130903L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	2.1	1.29	
Diisopropyl Ether (DIPE)	ND	11	1.29	
Ethyl-t-Butyl Ether (ETBE)	ND	11	1.29	
Tert-Amyl-Methyl Ether (TAME)	ND	11	1.29	
1,2-Dibromoethane	ND	5.0	1.29	
1,2-Dichloroethane	ND	2.6	1.29	
Ethanol	22	12	1.29	
Ethylbenzene	3.5	2.8	1.29	
Methyl-t-Butyl Ether (MTBE)	ND	9.3	1.29	
Naphthalene	ND	34	1.29	
o-Xylene	8.1	2.8	1.29	
p/m-Xylene	24	11	1.29	
Tert-Butyl Alcohol (TBA)	ND	7.8	1.29	
Tetrachloroethene	56	4.4	1.29	
Toluene	7.0	2.4	1.29	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	105	68-134	
1,2-Dichloroethane-d4	106	67-133	
Toluene-d8	96	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-11930**	**N/A**	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 12:38**	**130831L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	ND	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-134	
1,2-Dichloroethane-d4	99	67-133	
Toluene-d8	97	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-11931**	**N/A**	**Air**	**GC/MS YY**	**N/A**	**09/03/13 17:44**	**130903L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	ND	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	68-134	
1,2-Dichloroethane-d4	109	67-133	
Toluene-d8	98	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-3M
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**13-08-1807-1-A**	**08/22/13 15:52**	**Air**	**GC 38**	**N/A**	**08/28/13 12:40**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**13-08-1807-2-A**	**08/22/13 16:58**	**Air**	**GC 38**	**N/A**	**08/28/13 19:18**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**13-08-1807-3-A**	**08/22/13 13:47**	**Air**	**GC 38**	**N/A**	**08/28/13 14:11**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**13-08-1807-4-A**	**08/22/13 14:40**	**Air**	**GC 38**	**N/A**	**08/28/13 14:53**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP	**13-08-1807-5-A**	**08/22/13 00:00**	**Air**	**GC 38**	**N/A**	**08/28/13 15:35**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**13-08-1807-6-A**	**08/23/13 12:13**	**Air**	**GC 38**	**N/A**	**08/28/13 20:52**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**13-08-1807-7-A**	**08/23/13 12:35**	**Air**	**GC 38**	**N/A**	**08/29/13 11:39**	**130829L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-431-189**	**N/A**	**Air**	**GC 38**	**N/A**	**08/28/13 11:58**	**130828L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-3M
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-431-188**	**N/A**	**Air**	**GC 38**	**N/A**	**08/29/13 10:53**	**130829L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Quality Control - Sample Duplicate

Antea Group		Date Received:	08/27/13
1155 N. First St., Suite 201		Work Order:	13-08-1807
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	EPA TO-3M
Project: COPELT / I40256390			Page 1 of 2

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
VP-1	**Air**	**GC 38**	**N/A**	**08/28/13 21:34**	**130828D01**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	ND	ND	N/A	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - Sample Duplicate

Antea Group		Date Received:	08/27/13
1155 N. First St., Suite 201		Work Order:	13-08-1807
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	EPA TO-3M
Project: COPELT / I40256390			Page 2 of 2

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
13-08-2025-1	**Air**	**GC 38**	**N/A**	**08/29/13 14:46**	**130829D01**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	9207000	9610000	4	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: ASTM D-1946
Page 1 of 6

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-03-002-1883	**Air**	**GC 65**	**N/A**	**08/28/13 09:57**	**130828L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Methane	4.500	4.361	97	4.350	97	80-120	0	0-30	
Carbon Dioxide	15.00	14.73	98	15.09	101	80-120	2	0-30	
Oxygen + Argon	4.010	3.992	100	3.987	99	80-120	0	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: ASTM D-1946 (M)

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-872-492	**Air**	**GC 55**	**N/A**	**08/28/13 15:09**	**130828L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Helium	1.000	0.9045	90	1.021	102	80-120	12	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-11931	**Air**	**GC/MS YY**	**N/A**	**09/03/13 11:55**	**130903L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	79.87	87.83	110	85.47	107	70-130	60-140	3	0-30	
Diisopropyl Ether (DIPE)	104.5	106.0	101	102.7	98	63-130	52-141	3	0-30	
1,2-Dibromoethane	192.1	222.0	116	212.6	111	70-133	60-144	4	0-30	
1,2-Dichloroethane	101.2	111.6	110	107.7	106	70-132	60-142	4	0-30	
Ethanol	188.4	182.3	97	178.9	95	37-139	20-156	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	100.2	96	99.10	95	67-130	56-140	1	0-30	
Ethylbenzene	108.6	126.2	116	120.6	111	70-130	60-140	5	0-30	
Methyl-t-Butyl Ether (MTBE)	90.13	92.39	103	91.52	102	68-130	58-140	1	0-30	
Naphthalene	131.1	144.3	110	143.8	110	24-144	4-164	0	0-30	
o-Xylene	108.6	123.9	114	117.6	108	69-130	59-140	5	0-30	
p/m-Xylene	217.1	254.7	117	241.1	111	70-132	60-142	5	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	96.46	92	95.33	91	69-130	59-140	1	0-30	
Tert-Butyl Alcohol (TBA)	151.6	154.1	102	137.9	91	66-144	53-157	11	0-30	
Tetrachloroethene	169.6	190.9	113	182.0	107	70-130	60-140	5	0-30	
Toluene	94.21	108.8	115	104.6	111	70-130	60-140	4	0-30	

Total number of LCS compounds: 15
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 08/27/13
Work Order: 13-08-1807
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-11930	**Air**	**GC/MS KKK**	**N/A**	**08/31/13 10:49**	**130831L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	79.87	77.29	97	75.75	95	70-130	60-140	2	0-30	
Diisopropyl Ether (DIPE)	104.5	101.6	97	99.54	95	63-130	52-141	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	96.15	92	95.13	91	67-130	56-140	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	95.05	91	93.20	89	69-130	59-140	2	0-30	
1,2-Dibromoethane	192.1	191.6	100	186.2	97	70-133	60-144	3	0-30	
1,2-Dichloroethane	101.2	102.5	101	100.3	99	70-132	60-142	2	0-30	
Ethanol	188.4	150.0	80	146.0	77	37-139	20-156	3	0-30	
Ethylbenzene	108.6	108.4	100	105.4	97	70-130	60-140	3	0-30	
Methyl-t-Butyl Ether (MTBE)	90.13	88.77	98	86.82	96	68-130	58-140	2	0-30	
Naphthalene	131.1	133.6	102	131.2	100	24-144	4-164	2	0-30	
o-Xylene	108.6	108.9	100	105.0	97	69-130	59-140	4	0-30	
p/m-Xylene	217.1	235.6	109	228.5	105	70-132	60-142	3	0-30	
Tert-Butyl Alcohol (TBA)	151.6	146.9	97	144.0	95	66-144	53-157	2	0-30	
Tetrachloroethene	169.6	194.8	115	188.0	111	70-130	60-140	4	0-30	
Toluene	94.21	95.63	102	92.85	99	70-130	60-140	3	0-30	

Total number of LCS compounds: 15
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS

Antea Group		Date Received:	08/27/13
1155 N. First St., Suite 201		Work Order:	13-08-1807
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	EPA TO-3M
Project: COPELT / I40256390			Page 5 of 6

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	LCS Batch Number
099-14-431-189	**Air**	**GC 38**	**08/28/13 11:14**	**130828L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Gasoline Range Organics (C6-C12)	382400	401500	105	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS

Antea Group	Date Received:	08/27/13
1155 N. First St., Suite 201	Work Order:	13-08-1807
San Jose, CA 95112-4927	Preparation:	N/A
	Method:	EPA TO-3M
Project: COPELT / I40256390		Page 6 of 6

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	LCS Batch Number
099-14-431-188	**Air**	**GC 38**	**08/29/13 10:06**	**130829L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Gasoline Range Organics (C6-C12)	382400	411200	108	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Summa Canister Vacuum Summary

Work Order: 13-08-1807

Sample Name	Vacuum Out	Vacuum In	Equipment	Description
SS-1	-29.80 in Hg	-6.00 in Hg	SLC080	Summa Canister 1L
SS-2	-29.80 in Hg	-4.00 in Hg	SLC062	Summa Canister 1L
SS-3	-29.70 in Hg	-6.00 in Hg	LC099	Summa Canister 1L
SS-4	-29.80 in Hg	-6.00 in Hg	LC706	Summa Canister 1L
DUP	-29.80 in Hg	-8.00 in Hg	LC721	Summa Canister 1L
VP-1	-29.70 in Hg	-6.00 in Hg	LC149	Summa Canister 1L
VP-3	-29.70 in Hg	-6.00 in Hg	LC494	Summa Canister 1L

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Calscience Environmental Laboratories, Inc.

Sample Analysis Summary Report

Work Order: 13-08-1807 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-1946	N/A	884	GC 65	2
ASTM D-1946 (M)	N/A	858	GC 55	2
ASTM D-1946 (M)	N/A	878	GC 55	2
ASTM D-1946 (M)	N/A	888	GC 55	2
EPA TO-15	N/A	694	GC/MS YY	2
EPA TO-15	N/A	702	GC/MS KKK	2
EPA TO-3M	N/A	858	GC 38	2
EPA TO-3M	N/A	878	GC 38	2
EPA TO-3M	N/A	888	GC 38	2

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Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order: 13-08-1807 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 FAX: (714) 894-7501

AIR CHAIN OF CUSTODY RECORD

DATE: 8/23/13
PAGE: 1 OF 1

LABORATORY CLIENT: Antea Group
ADDRESS: 1155 N. 1st St.
CITY: San Jose STATE: CA ZIP: 95112
TEL: 408-606-4915 E-MAIL: Nadine.Perat@anteagroup.com

CLIENT PROJECT NAME / NUMBER: COPSELT/140256390
PROJECT ADDRESS: 402 S. Delaware St
CITY: San Mateo STATE: CA ZIP:
PROJECT CONTACT: Nadine Perat
SAMPLER(S): (NAME / SIGNATURE) Nadine Perat/

P.O.NO.: 140256390
LAB CONTACT OR QUOTE NO.: Richard Villafania
LAB USE ONLY: 13-08-1807

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☑ EDD

SPECIAL INSTRUCTIONS:
TO-15: GRO/BTEX/8 Oxys/PCE/Naphthalene
ASTM D1946: O_2, CH_4, CO_2, He
*Please record vacuums in 1L summas upon receipt! Needed for QA/QC

LAB USE ONLY	SAMPLE ID	FIELD ID / Point of Collection	Air Type (I) Indoor (SV) Soil Vap. (A) Ambient	Sampling Equipment: Canister ID#	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	REQUESTED ANALYSES: TO-15 (see note)	ASTM D1946 (see note)
✓ 1	SS-1	SS-1	SV	SLC080	1L	SGM318	8/22/13	15:47	-30	8/22/13	15:52	-5	X	X
✓ 2	SS-2	SS-2		SLC062		SGM270		16:52	-30		16:58	-6		X
✓ 3	SS-3	SS-3		SLC044		SGM321		13:41	-30		13:47	-6		X
✓ 4	SS-4	SS-4		LC706		SGM330		14:33	-30		14:40	-6		X
5	DUP	DUP		LC721		SGM212	—	—	-30	—	—	-6		X
6	VP-1	VP-1		LC149		SGM376	8/23/13	~~12:28~~ 12:06 (NP)	-30	8/23/13	~~12:35~~ ~~12:13~~ 12:15 (NP)	-5		X
7	~~VP-3~~ (NP) VP-3	~~VP-3~~ VP-3		LC494		SGM295	8/23/13	12:28	-30	8/23/13	12:35	-5		X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) GSW	Received by: (Signature)	Date: 08/27/13	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively

04/01/13 Revision

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1807

DATE 8/26/13
COMPANY Antea Group
ADDRESS 1155 N. 1st St
ADDRESS
CITY San Jose
STE/ ROOM 201
ZIP CODE 95112
SENDERS NAME Nadine Peniat
PHONE NUMBER 408-606-4915

COMPANY CAL SCIENCE
NAME J PATEL
PHONE NUMBER 714-535-5494
ADDRESS 7440 LINCOLN WAY
ADDRESS
CITY GARDEN GROVE
STE/ ROOM
ZIP CODE 92841

YOUR INTERNAL BILLING REFERENCE WILL APPEAR ON YOUR INVOICE

CIAL TRUCTIONS

GSO GOLDEN STATE OVERNIGHT
1-800-322-5555
WWW.GSO.COM

SHIPPING AIR BILL
PACKAGE LABEL

4 PACKAGE INFORMATION
☐ LETTER (MAX 8 OZ)
☑ PACKAGE (WT) 30 lbs
☐ DECLARED VALUE $
☐ COD AMOUNT $ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE ☐ PRIORITY OVERNIGHT BY 10:30 AM ☐ EARLY PRIORITY BY 8:00 AM ☐ SATURDAY DELIVERY
*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT.

6 RELEASE SIGNATURE
SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION
TIME DRIVER # ROUTE #

105528608

PEEL OFF HERE

105528608

9 GSO TRACKING NUMBER

http://app.gso.com/Shipping/applabeldetail.aspx?x=Vg

http://app.gso.com/Shipping/applabeldetail.aspx?x=V

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WebShip
800-322-5555 www.gso.com

Tracking #: 522586020

NPS

ORC

A

GARDEN GROVE

D92841A

15341429

Print Date : 08/23/13 15:47 PM

WebShip
800-322-5555 www.gso.com

Tracking #: 522468019

NPS

ORC

A

GARDEN GROVE

D92841A

14843540

Print Date : 08/08/13 15:32 PM

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 13-08-1807

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: Antea

DATE: 08/27/13

TEMPERATURE: Thermometer ID: SC3 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature ____•____ °C - 0.2 °C (CF) = ____•____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter Initial: he

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present (Box) ☐ N/A Initial: he

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: DL

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Aqueous: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** NVbL

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** DL

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** DL

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 13-08-1807

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample label(s) do not match COC** – Note in comments
  - ☐ Sample ID
  - ☑ Date and/or Time Collected
  - ☐ Project Information
  - ☐ # of Container(s)
  - ☐ Analysis
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ Water present in sample container
  - ☐ Broken
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (Not transferred - duplicate bag submitted)
  - ☐ Leaking (transferred into Calscience Tedlar® Bag*)
  - ☐ Leaking (transferred into Client's Tedlar® Bag*)
- ☐ **Other:** _____

(-4) Collection date per label is 8/21/13

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

Initial / Date: DC 08/27/13

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Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: N/A ºC
Yes / (No*)	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 03/06/14 **Date of Analysis:** 01/17, 01/18, 02/05/14

Sample Date: 01/14/14 **Completed By:** Nadine Periat

Signature:

Circle or Highlight (Yes / No) (below)

Analytical Lab Used and Report # (if any): Calscience Work Order Number 14-01-0965_s3

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	(Yes) / No
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

* While analytical results appear to be valid based on laboratory QA/QC procedure listed above, the data for sub slab points are considered to be invalid due to discrepancies between the parent and duplicate sample, and overall anomalous data in comparison to the August sampling event. This data was rerun with slightly more favorable results, however these results were generated after indicating to the laboratory which sample the duplicate belonged to. The laboratory agreed that there could have been an issue with the batch that contained the sub-slab Summa cans. The vapor well sample Summa cans were from a different batch and are considered valid.

Calscience Environmental Laboratories, Inc.

Supplemental Report 3

CALSCIENCE

WORK ORDER NUMBER: 14-01-0965

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Antea Group

Client Project Name: COPELT / I40256390

Attention: Nadine Periat
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Approved for release on 02/10/2014 by:
Richard Villafania
Project Manager

ResultLink

Email your PM

ACCREDITED IN ACCORDANCE WITH nelac

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

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Work Order Number: 14-01-0965

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Calscience Environmental Laboratories, Inc.

Work Order Narrative

Work Order: 14-01-0965 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 01/17/14. They were assigned to Work Order 14-01-0965.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: ASTM D-1946
Units: %v

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-01-0965-1-A**	**01/14/14 09:41**	**Air**	**GC 65**	**N/A**	**01/17/14 13:39**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	ND	0.500	1	
Oxygen + Argon	18.0	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-01-0965-2-A**	**01/14/14 11:15**	**Air**	**GC 65**	**N/A**	**01/17/14 14:15**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	0.788	0.500	1	
Oxygen + Argon	20.3	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-01-0965-3-A**	**01/14/14 13:05**	**Air**	**GC 65**	**N/A**	**01/17/14 14:40**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	2.61	0.500	1	
Oxygen + Argon	18.3	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**14-01-0965-5-A**	**01/14/14 16:51**	**Air**	**GC 65**	**N/A**	**01/17/14 15:30**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	0.538	0.500	1	
Oxygen + Argon	20.8	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**14-01-0965-6-A**	**01/14/14 18:06**	**Air**	**GC 65**	**N/A**	**01/17/14 15:49**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	1.87	0.500	1	
Oxygen + Argon	18.8	0.500	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: ASTM D-1946
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-01-0965-7-A**	**01/14/14 00:00**	**Air**	**GC 65**	**N/A**	**01/17/14 16:08**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	2.75	0.500	1	
Oxygen + Argon	18.1	0.500	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-03-002-1976**	**N/A**	**Air**	**GC 65**	**N/A**	**01/17/14 10:41**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	ND	0.500	1	
Oxygen + Argon	ND	0.500	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: ASTM D-1946 (M)
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-01-0965-1-A**	**01/14/14 09:41**	**Air**	**GC 55**	**N/A**	**01/17/14 14:11**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	18.3	0.200	20	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-01-0965-2-A**	**01/14/14 11:15**	**Air**	**GC 55**	**N/A**	**01/17/14 14:35**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0740	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-01-0965-3-A**	**01/14/14 13:05**	**Air**	**GC 55**	**N/A**	**01/17/14 14:57**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**14-01-0965-5-A**	**01/14/14 16:51**	**Air**	**GC 55**	**N/A**	**01/17/14 15:42**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**14-01-0965-6-A**	**01/14/14 18:06**	**Air**	**GC 55**	**N/A**	**01/17/14 16:03**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-01-0965-7-A**	**01/14/14 00:00**	**Air**	**GC 55**	**N/A**	**01/17/14 16:26**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-872-557**	**N/A**	**Air**	**GC 55**	**N/A**	**01/17/14 10:28**	**140117L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-01-0965-1-A**	**01/14/14 09:41**	**Air**	**GC/MS II**	**N/A**	**01/18/14 04:36**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Benzene	5.4	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	80	9.4	1	
Ethylbenzene	3.3	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	4.8	2.2	1	
p/m-Xylene	14	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	12	3.4	1	
Toluene	19	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	102	68-134	
1,2-Dichloroethane-d4	94	67-133	
Toluene-d8	98	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-01-0965-2-A**	**01/14/14 11:15**	**Air**	**GC/MS II**	**N/A**	**01/18/14 05:31**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Benzene	50	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	63	9.4	1	
Ethylbenzene	5.2	2.2	1	
Methyl-t-Butyl Ether (MTBE)	18	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	5.5	2.2	1	
p/m-Xylene	15	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	57	3.4	1	
Toluene	21	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-134	
1,2-Dichloroethane-d4	103	67-133	
Toluene-d8	94	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-01-0965-3-A**	**01/14/14 13:05**	**Air**	**GC/MS K**	**N/A**	**02/05/14 17:20**	**140205L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	14	8.0	5	
Diisopropyl Ether (DIPE)	47	42	5	
Ethyl-t-Butyl Ether (ETBE)	ND	42	5	
Tert-Amyl-Methyl Ether (TAME)	ND	42	5	
1,2-Dibromoethane	ND	19	5	
1,2-Dichloroethane	ND	10	5	
Ethanol	100	47	5	
Ethylbenzene	ND	11	5	
Methyl-t-Butyl Ether (MTBE)	ND	36	5	
Naphthalene	ND	130	5	
o-Xylene	23	11	5	
p/m-Xylene	ND	43	5	
Tert-Butyl Alcohol (TBA)	ND	30	5	
Tetrachloroethene	ND	17	5	
Toluene	61	9.4	5	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	108	68-134	
1,2-Dichloroethane-d4	114	67-133	
Toluene-d8	101	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**14-01-0965-5-A**	**01/14/14 16:51**	**Air**	**GC/MS II**	**N/A**	**01/18/14 08:08**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	6.8	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-134	
1,2-Dichloroethane-d4	102	67-133	
Toluene-d8	98	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**14-01-0965-6-A**	**01/14/14 18:06**	**Air**	**GC/MS II**	**N/A**	**01/18/14 08:59**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Benzene	2.0	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	36	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	107	68-134	
1,2-Dichloroethane-d4	101	67-133	
Toluene-d8	91	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-01-0965-7-A**	**01/14/14 00:00**	**Air**	**GC/MS K**	**N/A**	**02/05/14 18:10**	**140205L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	13	8.0	5	
Diisopropyl Ether (DIPE)	ND	42	5	
Ethyl-t-Butyl Ether (ETBE)	ND	42	5	
Tert-Amyl-Methyl Ether (TAME)	ND	42	5	
1,2-Dibromoethane	ND	19	5	
1,2-Dichloroethane	ND	10	5	
Ethanol	120	47	5	
Ethylbenzene	ND	11	5	
Methyl-t-Butyl Ether (MTBE)	ND	36	5	
Naphthalene	ND	130	5	
o-Xylene	ND	11	5	
p/m-Xylene	ND	43	5	
Tert-Butyl Alcohol (TBA)	ND	30	5	
Tetrachloroethene	ND	17	5	
Toluene	15	9.4	5	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	109	68-134	
1,2-Dichloroethane-d4	112	67-133	
Toluene-d8	100	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-12832**	**N/A**	**Air**	**GC/MS II**	**N/A**	**01/17/14 14:19**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	ND	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-134	
1,2-Dichloroethane-d4	111	67-133	
Toluene-d8	107	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COPELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-12979**	**N/A**	**Air**	**GC/MS K**	**N/A**	**02/05/14 13:49**	**140205L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	ND	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-134	
1,2-Dichloroethane-d4	100	67-133	
Toluene-d8	96	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-3M
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-01-0965-1-A**	**01/14/14 09:41**	**Air**	**GC 38**	**N/A**	**01/18/14 03:33**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-01-0965-2-A**	**01/14/14 11:15**	**Air**	**GC 38**	**N/A**	**01/17/14 17:14**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-01-0965-3-A**	**01/14/14 13:05**	**Air**	**GC 38**	**N/A**	**01/17/14 17:54**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-1	**14-01-0965-5-A**	**01/14/14 16:51**	**Air**	**GC 38**	**N/A**	**01/17/14 19:19**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
VP-3	**14-01-0965-6-A**	**01/14/14 18:06**	**Air**	**GC 38**	**N/A**	**01/17/14 21:15**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-01-0965-7-A**	**01/14/14 00:00**	**Air**	**GC 38**	**N/A**	**01/17/14 20:36**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-431-256**	**N/A**	**Air**	**GC 38**	**N/A**	**01/17/14 10:31**	**140117L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Quality Control - Sample Duplicate

Antea Group		Date Received:	01/17/14
1155 N. First St., Suite 201		Work Order:	14-01-0965
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	EPA TO-3M
Project: COPELT / I40256390			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
SS-2	**Sample**	**Air**	**GC 38**	**N/A**	**01/17/14 17:14**	**140117D03**
SS-2	**Sample Duplicate**	**Air**	**GC 38**	**N/A**	**01/18/14 07:13**	**140117D03**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	ND	ND	N/A	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: ASTM D-1946
Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-03-002-1976	**LCS**	**Air**	**GC 65**	**N/A**	**01/17/14 09:57**	**140117L01**
099-03-002-1976	**LCSD**	**Air**	**GC 65**	**N/A**	**01/17/14 10:22**	**140117L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Methane	4.500	4.391	98	4.378	97	80-120	0	0-30	
Carbon Dioxide	15.00	15.85	106	16.14	108	80-120	2	0-30	
Oxygen + Argon	4.010	4.075	102	4.026	100	80-120	1	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: ASTM D-1946 (M)

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-872-557	**LCS**	**Air**	**GC 55**	**N/A**	**01/17/14 09:40**	**140117L01**
099-12-872-557	**LCSD**	**Air**	**GC 55**	**N/A**	**01/17/14 10:02**	**140117L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Helium	1.000	1.011	101	1.052	105	80-120	4	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-12979	**LCS**	**Air**	**GC/MS K**	**N/A**	**02/05/14 11:07**	**140205L01**
095-01-021-12979	**LCSD**	**Air**	**GC/MS K**	**N/A**	**02/05/14 11:57**	**140205L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	79.87	75.37	94	75.15	94	70-130	60-140	0	0-30	
Diisopropyl Ether (DIPE)	104.5	94.02	90	92.64	89	63-130	52-141	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	94.42	90	92.97	89	67-130	56-140	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	95.18	91	95.04	91	69-130	59-140	0	0-30	
1,2-Dibromoethane	192.1	183.6	96	184.4	96	70-133	60-144	0	0-30	
1,2-Dichloroethane	101.2	95.67	95	92.72	92	70-132	60-142	3	0-30	
Ethanol	188.4	172.5	92	166.5	88	37-139	20-156	4	0-30	
Ethylbenzene	108.6	105.2	97	106.0	98	70-130	60-140	1	0-30	
Methyl-t-Butyl Ether (MTBE)	90.13	84.44	94	82.86	92	68-130	58-140	2	0-30	
Naphthalene	131.1	124.9	95	123.3	94	24-144	4-164	1	0-30	
o-Xylene	108.6	104.3	96	104.9	97	69-130	59-140	1	0-30	
p/m-Xylene	217.1	207.4	96	208.7	96	70-132	60-142	1	0-30	
Tert-Butyl Alcohol (TBA)	151.6	143.2	94	139.6	92	66-144	53-157	3	0-30	
Tetrachloroethene	169.6	155.4	92	156.0	92	70-130	60-140	0	0-30	
Toluene	94.21	88.34	94	88.75	94	70-130	60-140	0	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-12832	**LCS**	**Air**	**GC/MS II**	**N/A**	**01/17/14 11:49**	**140117L03**
095-01-021-12832	**LCSD**	**Air**	**GC/MS II**	**N/A**	**01/17/14 12:40**	**140117L03**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	79.87	91.21	114	83.79	105	70-130	60-140	8	0-30	
Diisopropyl Ether (DIPE)	104.5	107.2	103	100.5	96	63-130	52-141	6	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	113.9	109	107.2	103	67-130	56-140	6	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	114.4	110	104.7	100	69-130	59-140	9	0-30	
1,2-Dibromoethane	192.1	202.3	105	201.9	105	70-133	60-144	0	0-30	
1,2-Dichloroethane	101.2	123.7	122	117.2	116	70-132	60-142	5	0-30	
Ethanol	188.4	186.5	99	180.2	96	37-139	20-156	3	0-30	
Ethylbenzene	108.6	111.7	103	111.4	103	70-130	60-140	0	0-30	
Methyl-t-Butyl Ether (MTBE)	90.13	102.3	114	96.88	107	68-130	58-140	5	0-30	
Naphthalene	131.1	145.0	111	143.1	109	24-144	4-164	1	0-30	
o-Xylene	108.6	108.0	100	108.4	100	69-130	59-140	0	0-30	
p/m-Xylene	217.1	214.4	99	213.8	98	70-132	60-142	0	0-30	
Tert-Butyl Alcohol (TBA)	151.6	155.8	103	148.3	98	66-144	53-157	5	0-30	
Tetrachloroethene	169.6	164.3	97	164.7	97	70-130	60-140	0	0-30	
Toluene	94.21	96.90	103	96.64	103	70-130	60-140	0	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COPELT / I40256390

Date Received: 01/17/14
Work Order: 14-01-0965
Preparation: N/A
Method: EPA TO-3M

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-431-256	**LCS**	**Air**	**GC 38**	**N/A**	**01/17/14 09:45**	**140117L03**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Gasoline Range Organics (C6-C12)	382400	421900	110	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Summa Canister Vacuum Summary

Work Order: 14-01-0965

Sample Name	Vacuum Out	Vacuum In	Equipment	Description
SS-1	-29.60 in Hg	-5.00 in Hg	LC205	Summa Canister 1L
SS-2	-29.60 in Hg	-5.00 in Hg	LC279	Summa Canister 1L
SS-3	-29.60 in Hg	-5.00 in Hg	LC063	Summa Canister 1L
SS-4	-29.60 in Hg	0.00 in Hg	LC776	Summa Canister 1L
VP-1	-29.70 in Hg	-5.50 in Hg	D483	Summa Canister 6L
VP-3	-29.70 in Hg	-5.00 in Hg	D620	Summa Canister 6L
DUP-1	-29.50 in Hg	-5.00 in Hg	LC476	Summa Canister 1L

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Calscience Environmental Laboratories, Inc.

Sample Analysis Summary Report

Work Order: 14-01-0965 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-1946	N/A	878	GC 65	2
ASTM D-1946	N/A	908	GC 65	2
ASTM D-1946 (M)	N/A	888	GC 55	2
ASTM D-1946 (M)	N/A	908	GC 55	2
EPA TO-15	N/A	858	GC/MS K	2
EPA TO-15	N/A	866	GC/MS II	2
EPA TO-3M	N/A	460	GC 38	2
EPA TO-3M	N/A	884	GC 38	2
EPA TO-3M	N/A	888	GC 38	2

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Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order: 14-01-0965 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 FAX: (714) 894-7501

AIR CHAIN OF CUSTODY RECORD

DATE: ~~1/13~~/15 1/14/14
PAGE: 1 OF 1

LABORATORY CLIENT: ANTEA GROUP
ADDRESS: 1155 N 1ST ST, STE 201
CITY: SAN JOSE STATE: CA ZIP: 95112
TEL: 408-606-4915 E-MAIL: nadine.periat@anteagroup.com

CLIENT PROJECT NAME / NUMBER: COP EDT / I40256390
PROJECT ADDRESS: 402 S DELAWARE ST
CITY: SAN MATEO STATE: CA ZIP: 94402
PROJECT CONTACT: NADINE PERIAT

P.O.NO.: I40256390
LAB CONTACT OR QUOTE NO. RICHARD VILLAFANIA
LAB USE ONLY **14-01-0965**

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

SAMPLER(S): (NAME / SIGNATURE)
DAVID SISAK
RENEE RANSOM

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☒ EDD

SPECIAL INSTRUCTIONS:
TO-15: GRO/BTEX/8 OXYS/PCE/NAPHTHALENE
ASTM D1946: O_2, CH_4, CO_2, He
* PLEASE RECORD VACUUMS IN SUMMAS UPON RECEIPT. NEEDED FOR QA/QC.
** SS-4 STOPPED AT -20" Hg IF NO VACUUM.

REQUESTED ANALYSES: TO-15 (SEE NOTE) | ASTM D1946 (SEE NOTE)

LAB USE ONLY	SAMPLE ID	FIELD ID / Point of Collection	Air Type (I) Indoor (SV) Soil Vap. (A) Ambient	Sampling Equipment: Canister ID#	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)
1	SS-1	SS-1	SV	LC205	1L	SGM340	1/14/14	0935	-30	1/14/14	0941	-5
2	SS-2	SS-2	SV	LC279	1L	SGM100	1/14/14	1106	-30	1/14/14	1115	-5
3	SS-3	SS-3	SV	LC063	1L	SGM316	1/14/14	1258	-30	1/14/14	1305	-5
4	SS-4	SS-4	SV	LC776	1L	SGM349	1/14/14	1411	-30	1/14/14	1445	-20
5	VP-1	VP-1	SV	D483	6L	SGM367	1/14/14	1610	-31	1/14/14	1651	-5.5
6	VP-3	VP-3	SV	D620	6L	SGM208	1/14/14	1718	-31	1/14/14	1806	-5
7	DUP-1	DUP-1	SV	LC476	1L	LC476	1/14/14	—	-30	1/14/14	—	-5

Relinquished by: (Signature) DAVID SISAK 1/14/14 1700	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) FedEx	Received by: (Signature)	Date: 01/17/14	Time: 1030

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

04/01/13 Revision

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Richard Villafania

From: Nadine Periat [Nadine.Periat@anteagroup.com]
Sent: Monday, January 20, 2014 9:22 AM
To: Richard Villafania
Cc: David Sisak
Subject: RE: Sample Receipt for COP ELT/I40256390 / CEL 14-01-0965

Hi Richard,

Again – very sorry about the COC – I'll convey this to the team and try to get a review of the COCs before they go out in the future.

All samples need the following analyses:

ASTM-D1946: CH4, CO2, O2, Helium
TO-15: BTEX, 8 oxys, Naphthalene, PCE
TO-3: GRO

Also – this doesn't look like it was noted on the COC but – SS-4 may not contain any vacuum. If this is the case, we do not want it analyzed. Can you let me know today what the vacuums are in the vapor samples? We also need the can vacuums noted on the lab report.

Thanks Richard! Let me know if you have any other questions.

Nadine Periat, P.G.| Project Manager | USA
Antea®Group
Direct +1 408 606 4915 | Mobile +1 831 332 8390 | Toll Free: 800 477 7411
1155 North 1st Street, Suite 201, San Jose, California, 95112
Nadine.Periat@anteagroup.com | www.anteagroup.com



Member of Inogen® | www.inogenet.com

From: Richard Villafania [mailto:rvillafania@calscience.com]
Sent: Saturday, January 18, 2014 11:09 AM
To: Nadine Periat
Subject: Sample Receipt for COP ELT/I40256390 / CEL 14-01-0965

Hi Nadine,

Please confirm sample analyses; no tests were checked off on the COC.

Thanks.

Richard Villafania
Project Manager

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From: (800) 477-7411
Yvette Pico
Antea Group
1155 North First Street, Suite 201

SAN JOSE, CA 95112

Origin ID: RBKA

FedEx Express

J132013062803 26

Ship Date: 16JAN14
ActWgt: 1.0 LB
CAD: 8092834/INET3430

C965

Delivery Address Bar Code

SHIP TO: (800) 477-7411 BILL SENDER

Cal Science
Cal Science
7440 LINCOLN WAY

GARDEN GROVE, CA 92841

Ref # I40256390.0001
Invoice #
PO # Summa return
Dept #

FRI - 17 JAN AA
STANDARD OVERNIGHT

TRK# 7976 5532 9594
0201

92 APVA

92841
CA-US
SNA

51AG1/D6EC/1A9E

1/16/2014 FedEx Ship Manager - Print Your Label(s)

From: (800) 477-7411
Yvette Pico
Antea Group
1155 North First Street, Suite 201

SAN JOSE, CA 95112

Origin ID: RBKA

FedEx Express

J132013062803 26

Ship Date: 16JAN14
ActWgt: 1.0 LB
CAD: 8092834/INET3430

Delivery Address Bar Code

SHIP TO: (800) 477-7411 BILL SENDER

Cal Science
Cal Science
7440 LINCOLN WAY

GARDEN GROVE, CA 92841

Ref # I40256390.0001
Invoice #
PO # Summa return
Dept #

FRI - 17 JAN AA
STANDARD OVERNIGHT

TRK# 7976 5087 6076
0201

92 APVA

92841
CA-US
SNA

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-01-[0][9][6][5]

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: Antea Group

DATE: 01 / 15 / 14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature ____•____ °C - 0.3 °C (CF) = ____•____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter **Checked by:** 3W

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present (Box) ☐ N/A **Checked by:** 3W

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Checked by:** 3W

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☑ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Aqueous: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 3W

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** 15

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** 15

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Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: N/A ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 03/06/14 **Date of Analysis:** 01/17, 01/18, 02/05/14

Sample Date: 01/14/14 **Completed By:** David Sisak

Signature:

Circle or Highlight

(Yes) / No (below)

Analytical Lab Used and Report # (if any): Calscience Work Order Number 14-01-0965_s3

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	(Yes) / No
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

CALSCIENCE

WORK ORDER NUMBER: 14-01-1225

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Antea Group

Client Project Name: COP ELT / I40256390

Attention: Nadine Periat
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Approved for release on 01/29/2014 by:
Richard Villafania
Project Manager

ResultLink

Email your PM

ACCREDITED IN ACCORDANCE WITH nelac

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

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Work Order Number: 14-01-1225

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Calscience Environmental Laboratories, Inc.

Work Order Narrative

Work Order: 14-01-1225 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 01/22/14. They were assigned to Work Order 14-01-1225.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: ASTM D-1946
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**14-01-1225-1-A**	**01/21/14 11:08**	**Air**	**GC 65**	**N/A**	**01/22/14 13:29**	**140122L01**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	1.87	0.500	1	
Oxygen + Argon	19.6	0.500	1	

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1	
Carbon Dioxide	ND	0.500	1	
Oxygen + Argon	ND	0.500	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: ASTM D-1946 (M)
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**14-01-1225-1-A**	**01/21/14 11:08**	**Air**	**GC 55**	**N/A**	**01/22/14 16:36**	**140122L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.195	0.0100	1	

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**14-01-1225-1-A**	**01/21/14 11:08**	**Air**	**GC/MS K**	**N/A**	**01/24/14 00:30**	**140123L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	20	9.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	4.5	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-134	
1,2-Dichloroethane-d4	106	67-133	
Toluene-d8	102	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: COP ELT / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-12878**	**N/A**	**Air**	**GC/MS K**	**N/A**	**01/23/14 15:10**	**140123L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	1.6	1	
Diisopropyl Ether (DIPE)	ND	8.4	1	
1,2-Dibromoethane	ND	3.8	1	
1,2-Dichloroethane	ND	2.0	1	
Ethanol	ND	9.4	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1	
Ethylbenzene	ND	2.2	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1	
Naphthalene	ND	26	1	
o-Xylene	ND	2.2	1	
p/m-Xylene	ND	8.7	1	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1	
Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Tetrachloroethene	ND	3.4	1	
Toluene	ND	1.9	1	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-134	
1,2-Dichloroethane-d4	105	67-133	
Toluene-d8	99	70-130	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: EPA TO-3M
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-4	**14-01-1225-1-A**	**01/21/14 11:08**	**Air**	**GC 38**	**N/A**	**01/22/14 14:35**	**140122L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Quality Control - Sample Duplicate

Antea Group		Date Received:	01/22/14
1155 N. First St., Suite 201		Work Order:	14-01-1225
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	EPA TO-3M
Project: COP ELT / I40256390			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
14-01-1207-2	**Sample**	**Air**	**GC 38**	**N/A**	**01/22/14 15:13**	**140122D01**
14-01-1207-2	**Sample Duplicate**	**Air**	**GC 38**	**N/A**	**01/22/14 15:52**	**140122D01**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	1422000	1443000	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: ASTM D-1946
Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-03-002-1978	**LCS**	**Air**	**GC 65**	**N/A**	**01/22/14 10:06**	**140122L01**
099-03-002-1978	**LCSD**	**Air**	**GC 65**	**N/A**	**01/22/14 10:31**	**140122L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Methane	4.500	4.372	97	4.371	97	80-120	0	0-30	
Carbon Dioxide	15.00	15.71	105	15.96	106	80-120	2	0-30	
Oxygen + Argon	4.010	4.047	101	4.016	100	80-120	1	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: ASTM D-1946 (M)
Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-872-560	**LCS**	**Air**	**GC 55**	**N/A**	**01/22/14 09:44**	**140122L01**
099-12-872-560	**LCSD**	**Air**	**GC 55**	**N/A**	**01/22/14 10:08**	**140122L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Helium	1.000	0.8876	89	1.013	101	80-120	13	0-30	

RPD: Relative Percent Difference. CL: Control Limits

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Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-12878	**LCS**	**Air**	**GC/MS K**	**N/A**	**01/23/14 12:33**	**140123L01**
095-01-021-12878	**LCSD**	**Air**	**GC/MS K**	**N/A**	**01/23/14 13:24**	**140123L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	79.87	83.67	105	81.49	102	70-130	60-140	3	0-30	
Diisopropyl Ether (DIPE)	104.5	101.6	97	99.37	95	63-130	52-141	2	0-30	
1,2-Dibromoethane	192.1	204.0	106	200.7	105	70-133	60-144	2	0-30	
1,2-Dichloroethane	101.2	111.9	111	109.1	108	70-132	60-142	3	0-30	
Ethanol	188.4	193.2	103	189.8	101	37-139	20-156	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	101.3	97	99.37	95	67-130	56-140	2	0-30	
Ethylbenzene	108.6	114.5	105	110.9	102	70-130	60-140	3	0-30	
Methyl-t-Butyl Ether (MTBE)	90.13	91.67	102	90.97	101	68-130	58-140	1	0-30	
Naphthalene	131.1	135.2	103	132.7	101	24-144	4-164	2	0-30	
o-Xylene	108.6	110.2	102	107.1	99	69-130	59-140	3	0-30	
p/m-Xylene	217.1	230.6	106	223.9	103	70-132	60-142	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	98.96	95	96.81	93	69-130	59-140	2	0-30	
Tert-Butyl Alcohol (TBA)	151.6	158.7	105	154.5	102	66-144	53-157	3	0-30	
Tetrachloroethene	169.6	179.3	106	177.3	105	70-130	60-140	1	0-30	
Toluene	94.21	102.7	109	101.4	108	70-130	60-140	1	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: COP ELT / I40256390

Date Received: 01/22/14
Work Order: 14-01-1225
Preparation: N/A
Method: EPA TO-3M

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-431-260	**LCS**	**Air**	**GC 38**	**N/A**	**01/22/14 09:49**	**140122L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Gasoline Range Organics (C6-C12)	382400	375100	98	80-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Summa Canister Vacuum Summary

Work Order: 14-01-1225

Sample Name	Vacuum Out	Vacuum In	Equipment	Description
SS-4	-29.60 in Hg	-5.00 in Hg	LC774	Summa Canister 1L

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Calscience Environmental Laboratories, Inc.

Sample Analysis Summary Report

Work Order: 14-01-1225 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-1946	N/A	884	GC 65	2
ASTM D-1946 (M)	N/A	884	GC 55	2
EPA TO-15	N/A	858	GC/MS K	2
EPA TO-3M	N/A	888	GC 38	2

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Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order: 14-01-1225 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 FAX: (714) 894-7501

AIR CHAIN OF CUSTODY RECORD

DATE: 1/24/14
PAGE: 1 OF 1

LABORATORY CLIENT: ANTEA GROUP
ADDRESS: 1155 N. 1ST ST, STE 201
CITY: SAN JOSE STATE: CA ZIP: 95112
TEL: 408-606-4915 E-MAIL: nadine.periat@anteagroup.com

CLIENT PROJECT NAME / NUMBER: COP ELT / I40256390
PROJECT ADDRESS: 402 S DELAWARE ST
CITY: SAN MATEO STATE: CA ZIP: 94402
PROJECT CONTACT: NADINE PERIAT

P.O.NO.: I40256390
LAB CONTACT OR QUOTE NO.
LAB USE ONLY: **14-01-1225**

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

SAMPLER(S): (NAME / SIGNATURE) DAVID SISAK

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☒ EDD

SPECIAL INSTRUCTIONS:
TO-15: GRO/BTEX/8 OXYS/PCE/NAPHTHALENE
ASTM D1946: O_2, CH_4, CO_2, He
*PLEASE RECORD VACUUMS IN SUMMAS UPON RECEIPT, NEEDED FOR QA/QC.

REQUESTED ANALYSES: TO-15 (SEE NOTE) | ASTM D1946 (SEE NOTE) | TO-3 (GRO)

LAB USE ONLY	SAMPLE ID	FIELD ID / Point of Collection	Air Type (I) Indoor (SV) Soil Vap. (A) Ambient	Sampling Equipment: Canister ID#	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	TO-15 (SEE NOTE)	ASTM D1946 (SEE NOTE)	TO-3 (GRO)
	SS-4	SS-4	SV	1C774	1L	6M306	1/24/14	1100	-30	1/24/14	1108	-5	X	X	X

Relinquished by: (Signature) 1/24/14 2:00PM
Received by: (Signature) CEC
Date: 01/23/14 Time: 1030

Relinquished by: (Signature)
Received by: (Signature)
Date: Time:

Relinquished by: (Signature)
Received by: (Signature)
Date: Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively

04/01/13 Revision

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Richard Villafania

From: Nadine Periat [Nadine.Periat@anteagroup.com]
Sent: Wednesday, January 22, 2014 12:51 PM
To: Richard Villafania
Cc: David Sisak
Subject: RE: Sample Receipt for COP ELT/I40256390

Apologies, Richard, the dates should say 1/21/14.

Thank you.

Nadine Periat, P.G.| Project Manager | USA
Antea® Group
Direct +1 408 606 4915 | Mobile +1 831 332 8390 | Toll Free: 800 477 7411
1155 North 1st Street, Suite 201, San Jose, California, 95112
Nadine.Periat@anteagroup.com | www.anteagroup.com



Member of Inogen® | www.inogenet.com

From: Richard Villafania [mailto:rvillafania@calscience.com]
Sent: Wednesday, January 22, 2014 12:49 PM
To: Nadine Periat
Subject: Sample Receipt for COP ELT/I40256390

Hi Nadine,

Received sample SS-4 today, please confirm the collection data - the COC (attached) and sample ID tags both have 1/24/14.

Thanks.

Richard Villafania
Project Manager
(714) 895-5494



Return to Contents

From: (800) 477-7411
Yvette Pico
Antea Group
1155 North First Street, Suite 201

SAN JOSE, CA 95112

Origin ID: RBKA

FedEx Express

J14101312270326

Ship Date: 21JAN14
ActWgt: 1.0 LB
CAD: 8092834/INET3490

1225

Delivery Address Bar Code

SHIP TO: (800) 477-7411 BILL SENDER

Cal Science
Cal Science
7440 LINCOLN WAY

GARDEN GROVE, CA 92841

Ref # I40256390.0001
Invoice #
PO # SS-4 resample
Dept #

WED - 22 JAN 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7976 8987 4040**

92 APVA

92841
CA-US
SNA

522G1/D6EC/F220

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-01-1225

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: Antea Group DATE: 01/22/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature ____.____ °C - 0.3 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☑ Air ☐ Filter Checked by: 300

CUSTODY SEALS INTACT:

☐ Box ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 300

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 300

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Aqueous: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 300

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 836

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: 836

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-01-1225

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☑ **Other:** _____

Collection date (1/24/14) is after receipt date (1/22/14)

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

Initial / Date: 300 01/22/14

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Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: N/A ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 03/06/14 **Date of Analysis:** 01/22, 01/23, 01/24/14

Sample Date: 01/21/14 **Completed By:** David Sisak

Signature:

Circle or Highlight Yes / No (below)

Analytical Lab Used and Report # (if any): Calscience Work Order Number 14-01-1225

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	(Yes) / No
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	(Yes) / No
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Calscience Environmental Laboratories, Inc.

Supplemental Report 5

CALSCIENCE

WORK ORDER NUMBER: 14-02-1521

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Antea Group

Client Project Name: I40256390

Attention: Nadine Periat
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Approved for release on 03/21/2014 by:
Richard Villafania
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

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Work Order Number: 14-02-1521

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Calscience Environmental Laboratories, Inc.

Work Order Narrative

Work Order: 14-02-1521 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 02/21/14. They were assigned to Work Order 14-02-1521.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: ASTM D-1946
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-02-1521-1-A**	**02/20/14 10:28**	**Air**	**GC 65**	**N/A**	**02/22/14 10:08**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	1.38	0.500	1.00	
Oxygen + Argon	19.7	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-02-1521-2-A**	**02/20/14 11:23**	**Air**	**GC 65**	**N/A**	**02/22/14 11:09**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	0.876	0.500	1.00	
Oxygen + Argon	20.4	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-02-1521-3-A**	**02/20/14 13:33**	**Air**	**GC 65**	**N/A**	**02/22/14 11:28**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	2.28	0.500	1.00	
Oxygen + Argon	19.4	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-02-1521-4-A**	**02/20/14 00:00**	**Air**	**GC 65**	**N/A**	**02/22/14 09:49**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	2.33	0.500	1.00	
Oxygen + Argon	19.3	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-03-002-2000**	**N/A**	**Air**	**GC 65**	**N/A**	**02/21/14 18:46**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	ND	0.500	1.00	
Oxygen + Argon	ND	0.500	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: ASTM D-1946 (M)
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-02-1521-1-A**	**02/20/14 10:28**	**Air**	**GC 55**	**N/A**	**02/22/14 10:26**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0832	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-02-1521-2-A**	**02/20/14 11:23**	**Air**	**GC 55**	**N/A**	**02/22/14 11:11**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0459	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-02-1521-3-A**	**02/20/14 13:33**	**Air**	**GC 55**	**N/A**	**02/22/14 12:00**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0102	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-02-1521-4-A**	**02/20/14 00:00**	**Air**	**GC 55**	**N/A**	**02/22/14 09:45**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-872-575**	**N/A**	**Air**	**GC 55**	**N/A**	**02/21/14 20:27**	**140221L02**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-02-1521-1-A**	**02/20/14 10:28**	**Air**	**GC/MS AA**	**N/A**	**02/28/14 14:40**	**140228L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Diisopropyl Ether (DIPE)	ND	11	0.35	1.28	
1,2-Dibromoethane	ND	4.9	0.68	1.28	
1,2-Dichloroethane	ND	2.6	0.36	1.28	
Ethanol	ND	12	2.1	1.28	
Ethyl-t-Butyl Ether (ETBE)	ND	11	0.30	1.28	
Tert-Amyl-Methyl Ether (TAME)	ND	11	0.26	1.28	
Tert-Butyl Alcohol (TBA)	ND	7.8	0.67	1.28	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-134	
1,2-Dichloroethane-d4	100	67-133	
Toluene-d8	91	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-02-1521-1-A**	**02/20/14 10:28**	**Air**	**GC/MS AA**	**N/A**	**02/28/14 15:27**	**140228L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	2100	34	4.6	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-134	
1,2-Dichloroethane-d4	101	67-133	
Toluene-d8	93	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-02-1521-2-A**	**02/20/14 11:23**	**Air**	**GC/MS K**	**N/A**	**02/28/14 11:50**	**140227L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Diisopropyl Ether (DIPE)	ND	8.4	0.27	1.00	
1,2-Dibromoethane	ND	3.8	0.53	1.00	
1,2-Dichloroethane	ND	2.0	0.28	1.00	
Ethanol	3.9	9.4	1.6	1.00	J
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	0.24	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	0.21	1.00	
Tert-Butyl Alcohol (TBA)	ND	6.1	0.53	1.00	
Tetrachloroethene	53	3.4	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-134	
1,2-Dichloroethane-d4	92	67-133	
Toluene-d8	104	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-02-1521-3-A**	**02/20/14 13:33**	**Air**	**GC/MS K**	**N/A**	**02/28/14 12:40**	**140227L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Diisopropyl Ether (DIPE)	ND	8.4	0.27	1.00	
1,2-Dibromoethane	ND	3.8	0.53	1.00	
1,2-Dichloroethane	ND	2.0	0.28	1.00	
Ethanol	3.7	9.4	1.6	1.00	J
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	0.24	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	0.21	1.00	
Tert-Butyl Alcohol (TBA)	ND	6.1	0.53	1.00	
Tetrachloroethene	4.7	3.4	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	110	68-134	
1,2-Dichloroethane-d4	102	67-133	
Toluene-d8	83	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-02-1521-4-A**	**02/20/14 00:00**	**Air**	**GC/MS K**	**N/A**	**02/28/14 13:33**	**140227L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Diisopropyl Ether (DIPE)	ND	8.4	0.27	1.00	
1,2-Dibromoethane	ND	3.8	0.53	1.00	
1,2-Dichloroethane	ND	2.0	0.28	1.00	
Ethanol	4.1	9.4	1.6	1.00	J
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	0.24	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	0.21	1.00	
Tert-Butyl Alcohol (TBA)	0.57	6.1	0.53	1.00	J
Tetrachloroethene	5.7	3.4	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	106	68-134	
1,2-Dichloroethane-d4	115	67-133	
Toluene-d8	97	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-13113**	**N/A**	**Air**	**GC/MS K**	**N/A**	**02/28/14 10:59**	**140227L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Diisopropyl Ether (DIPE)	ND	8.4	0.27	1.00	
1,2-Dibromoethane	ND	3.8	0.53	1.00	
1,2-Dichloroethane	ND	2.0	0.28	1.00	
Ethanol	ND	9.4	1.6	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	0.24	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	0.21	1.00	
Tert-Butyl Alcohol (TBA)	ND	6.1	0.53	1.00	
Tetrachloroethene	ND	3.4	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-134	
1,2-Dichloroethane-d4	98	67-133	
Toluene-d8	95	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-13116**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**02/28/14 13:00**	**140228L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Diisopropyl Ether (DIPE)	ND	8.4	0.27	1.00	
1,2-Dibromoethane	ND	3.8	0.53	1.00	
1,2-Dichloroethane	ND	2.0	0.28	1.00	
Ethanol	ND	9.4	1.6	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	0.24	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	0.21	1.00	
Tert-Butyl Alcohol (TBA)	ND	6.1	0.53	1.00	
Tetrachloroethene	ND	3.4	0.46	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-134	
1,2-Dichloroethane-d4	97	67-133	
Toluene-d8	92	70-130	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15 SIM
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-02-1521-1-A**	**02/20/14 10:28**	**Air**	**GC/MS DD**	**N/A**	**02/28/14 05:03**	**140227L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	0.12	0.088	1.10	
Toluene	0.45	0.21	1.10	
Ethylbenzene	0.21	0.12	1.10	
p/m-Xylene	0.27	0.12	1.10	
o-Xylene	0.25	0.12	1.10	
Methyl-t-Butyl Ether (MTBE)	ND	0.099	1.10	
Naphthalene	0.16	0.058	1.10	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	45-153	
1,2-Dichloroethane-d4	101	37-163	
Toluene-d8	94	73-121	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-02-1521-2-A**	**02/20/14 11:23**	**Air**	**GC/MS DD**	**N/A**	**02/28/14 06:13**	**140227L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	0.61	0.087	1.09	
Toluene	2.3	0.21	1.09	
Ethylbenzene	0.97	0.12	1.09	
p/m-Xylene	3.1	0.12	1.09	
o-Xylene	1.2	0.12	1.09	
Methyl-t-Butyl Ether (MTBE)	ND	0.098	1.09	
Naphthalene	0.20	0.057	1.09	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	137	45-153	
1,2-Dichloroethane-d4	96	37-163	
Toluene-d8	88	73-121	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15 SIM
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-02-1521-3-A**	**02/20/14 13:33**	**Air**	**GC/MS DD**	**N/A**	**02/28/14 07:13**	**140227L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	0.54	0.080	1.00	
Toluene	0.54	0.19	1.00	
Ethylbenzene	0.13	0.11	1.00	
p/m-Xylene	0.34	0.11	1.00	
o-Xylene	0.14	0.11	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.090	1.00	
Naphthalene	0.18	0.052	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	45-153	
1,2-Dichloroethane-d4	105	37-163	
Toluene-d8	102	73-121	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-02-1521-4-A**	**02/20/14 00:00**	**Air**	**GC/MS DD**	**N/A**	**02/28/14 08:26**	**140227L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.085	1.06	
Toluene	ND	0.20	1.06	
Ethylbenzene	ND	0.12	1.06	
p/m-Xylene	0.15	0.12	1.06	
o-Xylene	ND	0.12	1.06	
Methyl-t-Butyl Ether (MTBE)	ND	0.096	1.06	
Naphthalene	0.15	0.056	1.06	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	45-153	
1,2-Dichloroethane-d4	102	37-163	
Toluene-d8	96	73-121	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received:	02/21/14
Work Order:	14-02-1521
Preparation:	N/A
Method:	EPA TO-15 SIM
Units:	ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-052-990**	**N/A**	**Air**	**GC/MS DD**	**N/A**	**02/27/14 22:34**	**140227L01**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.080	1.00	
Toluene	ND	0.19	1.00	
Ethylbenzene	ND	0.11	1.00	
p/m-Xylene	ND	0.11	1.00	
o-Xylene	ND	0.11	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.090	1.00	
Naphthalene	ND	0.052	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	45-153	
1,2-Dichloroethane-d4	102	37-163	
Toluene-d8	94	73-121	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-3M
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-1	**14-02-1521-1-A**	**02/20/14 10:28**	**Air**	**GC 38**	**N/A**	**02/22/14 08:37**	**140221L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	14000	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**14-02-1521-2-A**	**02/20/14 11:23**	**Air**	**GC 38**	**N/A**	**02/22/14 13:21**	**140221L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**14-02-1521-3-A**	**02/20/14 13:33**	**Air**	**GC 38**	**N/A**	**02/22/14 13:58**	**140221L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**14-02-1521-4-A**	**02/20/14 00:00**	**Air**	**GC 38**	**N/A**	**02/22/14 09:20**	**140221L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	5100	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-431-281**	**N/A**	**Air**	**GC 38**	**N/A**	**02/21/14 21:50**	**140221L03**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

Quality Control - Sample Duplicate

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-3M

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
DUP-1	**Sample**	**Air**	**GC 38**	**N/A**	**02/22/14 09:20**	**140221D03**
DUP-1	**Sample Duplicate**	**Air**	**GC 38**	**N/A**	**02/22/14 10:42**	**140221D03**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	5148	5860	13	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: ASTM D-1946
Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-03-002-2000	**LCS**	**Air**	**GC 65**	**N/A**	**02/21/14 18:10**	**140221L02**
099-03-002-2000	**LCSD**	**Air**	**GC 65**	**N/A**	**02/21/14 18:28**	**140221L02**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Methane	4.500	4.336	96	4.337	96	80-120	0	0-30	
Carbon Dioxide	15.00	16.18	108	15.87	106	80-120	2	0-30	
Oxygen + Argon	4.010	4.058	101	4.015	100	80-120	1	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: ASTM D-1946 (M)
Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-872-575	**LCS**	**Air**	**GC 55**	**N/A**	**02/21/14 19:41**	**140221L02**
099-12-872-575	**LCSD**	**Air**	**GC 55**	**N/A**	**02/21/14 20:02**	**140221L02**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Helium	1.000	1.002	100	1.034	103	80-120	3	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-13113	**LCS**	**Air**	**GC/MS K**	**N/A**	**02/27/14 23:58**	**140227L01**
095-01-021-13113	**LCSD**	**Air**	**GC/MS K**	**N/A**	**02/28/14 09:34**	**140227L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Diisopropyl Ether (DIPE)	104.5	98.51	94	105.0	100	63-130	6	0-30	
1,2-Dibromoethane	192.1	203.5	106	204.2	106	70-133	0	0-30	
1,2-Dichloroethane	101.2	94.88	94	100.9	100	70-132	6	0-30	
Ethanol	188.4	163.0	87	186.9	99	37-139	14	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	98.30	94	109.7	105	67-130	11	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	99.62	95	113.8	109	69-130	13	0-30	
Tert-Butyl Alcohol (TBA)	151.6	134.6	89	157.5	104	66-144	16	0-30	
Tetrachloroethene	169.6	173.2	102	175.1	103	70-130	1	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-13116	**LCS**	**Air**	**GC/MS AA**	**N/A**	**02/28/14 10:35**	**140228L01**
095-01-021-13116	**LCSD**	**Air**	**GC/MS AA**	**N/A**	**02/28/14 11:23**	**140228L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Diisopropyl Ether (DIPE)	104.5	87.16	83	85.34	82	63-130	2	0-30	
1,2-Dibromoethane	192.1	191.0	99	187.7	98	70-133	2	0-30	
1,2-Dichloroethane	101.2	101.1	100	99.62	98	70-132	1	0-30	
Ethanol	188.4	161.6	86	157.5	84	37-139	3	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	99.07	95	98.34	94	67-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	94.06	90	91.13	87	69-130	3	0-30	
Tert-Butyl Alcohol (TBA)	151.6	146.3	97	146.7	97	66-144	0	0-30	
Tetrachloroethene	169.6	191.2	113	187.3	110	70-130	2	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-15 SIM
Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-052-990	**LCS**	**Air**	**GC/MS DD**	**N/A**	**02/27/14 19:58**	**140227L01**
095-01-052-990	**LCSD**	**Air**	**GC/MS DD**	**N/A**	**02/27/14 20:51**	**140227L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	1.597	1.551	97	1.601	100	27-153	3	0-34	
Toluene	1.884	1.990	106	1.939	103	28-154	3	0-42	
Ethylbenzene	2.171	2.358	109	2.334	108	27-153	1	0-46	
p/m-Xylene	4.342	4.827	111	4.733	109	21-165	2	0-51	
o-Xylene	2.171	2.417	111	2.354	108	22-160	3	0-48	
Methyl-t-Butyl Ether (MTBE)	1.803	1.826	101	1.799	100	50-150	2	0-30	
Naphthalene	2.621	4.182	160	4.131	158	40-190	1	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Quality Control - LCS

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: I40256390

Date Received: 02/21/14
Work Order: 14-02-1521
Preparation: N/A
Method: EPA TO-3M

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-431-281	**LCS**	**Air**	**GC 38**	**N/A**	**02/21/14 19:54**	**140221L03**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Gasoline Range Organics (C6-C12)	382400	420400	110	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

Summa Canister Vacuum Summary

Work Order: 14-02-1521 Page 1 of 1

Sample Name	Vacuum Out	Vacuum In	Equipment	Description
SS-1	-29.70 in Hg	-10.00 in Hg	D518	Summa Canister 6L
SS-2	-29.70 in Hg	-9.00 in Hg	D530	Summa Canister 6L
SS-3	-29.70 in Hg	-8.00 in Hg	D792	Summa Canister 6L
DUP-1	-29.70 in Hg	-9.00 in Hg	D599	Summa Canister 6L

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Calscience Environmental Laboratories, Inc.

Sample Analysis Summary Report

Work Order: 14-02-1521 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-1946	N/A	888	GC 65	2
ASTM D-1946 (M)	N/A	888	GC 55	2
ASTM D-1946 (M)	N/A	908	GC 55	2
EPA TO-15	N/A	846	GC/MS AA	2
EPA TO-15	N/A	858	GC/MS K	2
EPA TO-15 SIM	N/A	658	GC/MS DD	2
EPA TO-3M	N/A	888	GC 38	2

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Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order: 14-02-1521 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Calscience Environmental Laboratories, Inc.

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 FAX: (714) 894-7501

AIR CHAIN OF CUSTODY RECORD

DATE: 2/20/14

PAGE: 1 OF 1

LABORATORY CLIENT: Antea Group	CLIENT PROJECT NAME / NUMBER: 140256390	P.O.NO.: 140256390	
ADDRESS: 1155 North 1st Street Ste 201	PROJECT ADDRESS: 402 S. Delaware St.	LAB CONTACT OR QUOTE NO. Richard Villafuerte	
CITY: San Jose STATE: CA ZIP: 95112	CITY: San Mateo STATE: CA ZIP:	LAB USE ONLY 14-02-1521	
TEL: 408-606-4915 E-MAIL: Nadine.Peria@anteagroup.com	PROJECT CONTACT: Nadine Peria		
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ 10 DAYS	SAMPLER(S): (NAME / SIGNATURE) Nadine Peria		

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☑ EDD

SPECIAL INSTRUCTIONS:
TO-3 : GRO
TO-15 SIM : BTEX, 8oxys, Naphthalene, PCE
ASTM D1946 - Helium, CO2, O2, CH4
* Helium is the leak tracer!
* Purge summas not to be analyzed. -mailed in Box-2

REQUESTED ANALYSES: TO-3 | TO-15 SIM | ASTM D1946

LAB USE ONLY	SAMPLE ID	FIELD ID / Point of Collection	Air Type (I) Indoor (SV) Soil Vap. (A) Ambient	Sampling Equipment: Canister ID#	Canister Size 6L or 1L	Flow Controller ID #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	TO-3	TO-15 SIM	ASTM D1946
1	SS-1	SS-1	SV	D518	6	SGM271	2/20/14	9:32	-30	2/20/14	10:28	-10	X	X	X
2	SS-2	SS-2	SV	D530	6	SGM342	↓	10:52	-30	↓	11:23	-9	↓	↓	↓
3	SS-3	SS-3	SV	D792	6	SGM296		13:00	-30		13:33	-8			
4	DUP-1	—	SV	D599	6	SGM298	↓	—	-30	↓	KM	-9	↓	↓	↓
—	PURGE-1	—	—	D835	6	—	↓	—	—	—	—	—			
—	PURGE-2	—	—		6	—	↓	—	—	—	—	—			

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) (GSO)	Received by: (Signature)	Date: 2/21/14	Time: 10AT

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively

04/01/13 Revision

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GSO
GOLDEN STATE OVERNIGHT

WebShip
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1521

Ship From:
NADINE PERIAT
ANTEA -ELT(NOCAL)
1155 NORTH FIRST STREET STE 201
SAN JOSE, CA 95112

Ship To:
SAMPLE CONTROL
CAL SCIENCE
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
RV/256390

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 523914628

NPS

ORC

A

GARDEN GROVE

D92843A

21224411

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Send Label To Printer | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-02-1521

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: Antea Group DATE: 02/24/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature ____.____ °C - 0.3 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter **Checked by:** 846

CUSTODY SEALS INTACT:

☑ Box ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A **Checked by:** 846

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Checked by:** 30

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☑ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Aqueous: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 300

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** 836

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** 300

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Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: N/A ºC
(Yes) / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 03/06/14 **Date of Analysis:** 02/21, 02/22, 02/27, 02/28/14

Sample Date: 2/20/14 **Completed By:** Nadine Periat

Signature:

Circle or Highlight Yes / No (below)

Analytical Lab Used and Report # (if any): Calscience Work Order Number 14-02-1521

1.	Were the analyses the ones requested?	(Yes) / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	(Yes) / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	(Yes) / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	(Yes) / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	(Yes) / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume µg/m^3,etc.)	(Yes) / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / (No)
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	(Yes) / No
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	(Yes) / No
10.	Were LCS/LCSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	(Yes) / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	(Yes) / No
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	(Yes) / No

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Qualifers:
J- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Vapor Sampling, Well Installation and First Quarter 2015 Semi-Annual Monitoring Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402, USA

San Mateo County Groundwater Protection Program
LOP Case No. 110069

Antea Group Project No. I40256390
April 28, 2015

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Vapor Sampling, Well Installation and First Quarter 2015 Semi-Annual Monitoring Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, CA
San Mateo County Groundwater Protection Program LOP Case No. 110069

1.0 INTRODUCTION

Antea®Group has prepared this *Vapor Sampling, Well Installation and First Quarter 2015 Semi-Annual Monitoring Report* to document results of the cold weather vapor sampling event at SS-2 and SS-3 on January 14, 2014, the installation of monitoring well MW-25, and the first quarter 2015 semi-annual groundwater monitoring results at the 76 Service Station No. 6390, located at 402 Delaware Street, San Mateo, California (**Figure 1**). The vapor sampling and well installation work was completed in accordance with San Mateo County Groundwater Protection Program (GPP) letter dated October 29, 2014, which is included as **Appendix A**. MW-25 was installed downgradient of MW-21 to define the down gradient extent of the site's dissolved phase contaminant plume.

1.1 Site Location and Setting

The site is currently occupied by an active 76 Service Station, located on the south corner at the intersection of East Fourth Avenue and South Delaware Street in San Mateo, California. The station is located approximately one mile west of San Francisco Bay at an elevation of approximately 20 feet above mean sea level (**Figure 1**). The site facilities currently include two fuel USTs located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building (**Figure 2A**). The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. A complete summary of the site location, history, and setting is presented as **Appendix B**. The site soil boring and monitoring well details are summarized in **Table 1** and shown on **Figures 2A** and **2B**.

2.0 VAPOR SAMPLING

2.1 Pre-field Activities

Prior to initiation of field activities, Antea Group contacted the property owners of 521 East 5th Avenue and 603 East 5th Avenue and obtained access to sample the sub-slab vapor points per the pre-existing access agreements.

2.2 Vapor Sampling

Antea Group conducted a cold season sampling event on January 14, 2015 at sub-slab vapor points SS-2 and SS-3 per GPP request (**Appendix A**). Antea Group utilized 6-liter Summa Canisters (Summas) and analysis method TO-15/ TO-15 SIM to meet screening levels based off a 0.05 attenuation factor for sub-slab to indoor air, as recommended by the Department of Substances Control (DTSC). Field Data Sheets are contained as **Appendix C**.

Prior to sampling, Antea Group assembled the sampling train, two 6-liter Summa canisters, one for purging and one for sample collection. The sample train consisted of a short piece of tubing connecting the vapor point to a plug valve, connected to a T-fitting, which enabled the sampling canister and the purge canister to be in-line at the same time. All Summa canisters were equipped with a vacuum gauge connected to the top of a regulator set at a flow rate of approximately 150 milliliters/minute (ml/min).

2.2.1 Shut-in Test

Prior to sample collection, a shut-in pressure test of the sampling train between the Summa canisters and the Swagelok® plug valve was performed for five (5) minutes by opening and closing the purge canister valve. The vapor tight Swagelok plug valve remained closed during the process. The initial vacuum reading on the Summa was noted, and if that vacuum was not maintained for five (5) minutes, the sampling train was fixed until the vacuum was maintained. The pressure test ensures that the sampling manifold is an air-tight system so that only vapors from beneath the slab are being captured.

2.2.2 Helium Shroud Emplacement

After the shut-in test, the plug valve was opened and a helium shroud was placed over the vapor point and plug valve connection. A line to feed helium was placed in the shroud, in addition to a helium detector rod. The base of the shroud was sealed onto the ground surface with hydrated bentonite. Helium was fed into the shroud slowly until a concentration just over of approximately 40% to 60% was achieved. Antea Group monitored the helium detection concentration for five minutes prior to initiation of purging to ensure that the helium atmosphere was relatively stable.

2.2.3 Vapor Purge

After the helium shroud had equilibrated, the sub-slab vapor point was purged at a rate of approximately 150 ml/min by opening the valve of the 6-liter purge Summa canister until 2-liters had been purged, per Environmental Protection Agency (EPA) guidelines[1] which were utilized during all previous sampling events. Antea Group assured that two liters of vapor were purged from each point by monitoring the drop in pressure in the 6-liter purge Summa canister. The starting pressure on a 6-liter Summa is 30 inches mercury (in Hg), so the pressure drop for a 2-liter purge was approximately 10 in Hg.

[1] EPA, Standard Operating Procedure (SOP) for Installation of Sub-Slab Vapor Probes and Sampling Using EPA Method TO-15 to Support Vapor Intrusions Investigations.

2.2.4 Observations During Sample Collection

The following table presents a summary of field data collected during the January 14, 2014 sampling event for SS-2 and SS-3.

Sub-slab Point Name	Summa Canister Volume (Liters)	Total Sample Time (minutes)	Change in Pressure (in Hg)	Sample Rate (ml/min)	Lowest Helium % in Shroud, during sampling
SS-2	6	28	20	142	34%
SS-3	6	32	20	125	36%
DUP-1*	6	24	20	166	34%

* DUP-1 collected simultaneously with SS-2.

Antea Group used flow regulators set to 150 ml/min. All samples were collected within the acceptable range of sampling rates recommended by the DTSC (50 to 200 ml/min). Helium percentages were maintained near 40% during sampling. In-line vacuum gauges between the flow regulator and vapor point/well were also utilized during sample collection to monitor potentially induced vacuum in the vapor points/wells. In-line vacuum gauges remained at zero during collection of all samples.

2.2.5 Sample Analyses

Antea Group submitted the air sample canisters to Eurofins Calscience, Inc., a CA State Environmental Laboratory Accreditation Program (NELAP) certified lab (certification No. 2944) and requested that samples be analyzed for the following (**Appendix D**):

- Gasoline range organics (GRO) by EPA Test Method TO-3M;
- Benzene, toluene, ethylbenzene and xylenes (BTEX compounds), methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME) 1,2-dichloroethane (1,2-DCA), ethylene dibromide (EDB), ethanol, and naphthalene by Envirionmental Protection Agency (EPA) Test Method TO-15 or TO-15 SIM;
- Fixed gases: Helium, oxygen/argon, carbon dioxide and methane by American Society for Testing and Materials (ASTM) D-1946 or ASTM D-1946 (M).

2.3 Vapor Analytical Results

A summary of analytical results are provided in **Table 2**, and GRO, and benzene concentrations are shown on **Figure 3**. The Laboratory analytical report is included as **Appendix D**.

No analytes were detected above sub-slab screening levels, which were established by applying the DTSC recommended attenuation factor of 0.05 to the San Francisco Regional Water Quality Control Board's (SFRWQCB) indoor air environmental screening level (ESL) for residential use. This is consistent with historical vapor sample results from these sub-slab points.

The following documents the detections above laboratory reporting limits (LRLs) from this sampling event*:

Contaminant	Detections (Sub-Slab Location) ($\mu g/m^3$)	Sub-Slab Screening Level for Residential Use ($\mu g/m^3$)
GRO	4300 (SS-3)	11,800
Benzene	0.39 (SS-2) 0.420 (SS-3)	1.68
Toluene	0.89 (SS-2) 0.49 (SS-3)	6,200
Ethylbenzene	0.22 (SS-2) 0.15 (SS-3)	19
Total Xylenes	1.11 (SS-2) 0.56 (SS-3)	2,000
MTBE	No Detections, LRL is 0.12	188
EDB	No Detections, LRL is 3.8	0.68
1,2-DCA	No Detections, LRL is 0.13	2.40
Naphthalene	0.22 (SS-2) 0.096 (SS-3)	1.44

$\mu g/m^3$ – Micrograms per cubic meter

*Does not include results from quality control samples; any contaminants of concern not stated had no detections from this sampling event *and* do not have a SFRWQCB ESL for indoor residential air, and therefore a sub-slab screening level for residential use buildings cannot be established. EDB was unable to be analyzed by TO-15 SIM, the LRL exceeded the sub-slab screening level.

2.3.1 Quality Assurance/Quality Control

Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Field Duplicate (Duplicate collected at SS-2)	Relative percent difference (RPD) between parent and duplicate sample (detections only): Benzene (151%), Toluene (300%), Ethylbenzene (68%), Total Xylenes (133%), MTBE (209%), Naphthalene (18%)
Laboratory Data Qualifiers:	No
Vacuum retained upon laboratory receipt?	Yes – ranged from -8.8inHg to -10.5inHg
Are the data valid for their intended purpose?	Yes, the data are valid

While the RPD for some analytes is high, this is largely due to the low detections (below 3.6 $\mu g/m^3$) the contaminants. All detections remain below the ESLs, and largest concentration variances were on the magnitude of 1 to 2 $\mu g/m^3$. With the exception of Toluene and p/m xylenes, analyte detections in the parent and duplicate sample are within the same order of magnitude. Antea Group considers the data to be valid for intended purposes.

2.3.2 Leak Analysis

Helium was utilized as a leak tracer during this sampling event. According to the DTSC guidelines, a leak of up to 5% is acceptable. Helium leaks were calculated on **Table 2**; a leak was reported at 0.1% in both samples; Antea Group considers the data to be valid, as the detected helium leak was less than the permissible leak amount under DTSC guidelines.

3.0 MONITORING WELL INSTALLATION

Antea Group installed monitoring well MW-25 downgradient of MW-21 in front of 514 South Eldorado Street to further define the groundwater contaminant plume. The scope of work was based on the October 2014 GPP letter (**Appendix A**).

The location of MW-25 is depicted on **Figure 2A** and **2B**. Well construction details for MW-25 are included on **Table 1**.

3.1 Pre Field Activities

Prior to initiation of field activities, Antea Group produced a Health and Safety Plan (HASP) in accordance with Title 8, Section 5192 of the California Code of Regulations. Field personnel reviewed the HASP daily. Antea Group obtained all necessary subsurface drilling permits from the GPP (**Appendix A**). Additionally, Antea Group obtained an encroachment permit from the City of San Mateo for working on the 500 block of South Eldorado Street (**Appendix A**). Antea Group pre-marked the site and drilling location, opened Underground Service Alert (USA) ticket number 0008017 and employed a private locator to clear the drilling location for subsurface obstructions and hazards. Borehole clearance activities were carried out as outlined in Antea Group's Standard Operating Procedures presented as **Appendix E,** including air-knifing to five feet below the ground surface (bgs).

3.2 Monitoring Well Installation

Gregg Drilling & Testing, Inc. (Gregg), under the supervision of Antea Group personnel, installed new monitoring well MW-25 on January 16, 2015. A boring was initially advanced for soil characterization purposes using a direct-push rig to a depth of 21 feet bgs. The boring was then overdrilled using eight-inch diameter hollow stem auger flights to a depth of 21 feet bgs for the monitoring well installation. The monitoring well was constructed using 15 feet of 0.020-inch slot PVC screen placed from six to 21 feet bgs. The well annulus was backfilled with a #2/16 sand filter pack from the borehole bottom to five feet bgs, then the submerged well screen was surged using a surge block to stabilize the sand pack. Afterward, a 2-foot bentonite seal was placed from 5 feet bgs to 3 feet bgs, and cement grout seal to the surface. All wells were secured with a locking well cap and traffic rated securable well vault, concreted in place. Well construction details are noted on the boring logs presented as **Appendix F** and in **Table 1**.

3.3 Monitoring Well Development

Gregg, under the supervision of Antea Group personnel, developed new monitoring MW-25 on January 27, 2015 by pumping a minimum 10 well casing volumes from the well, or until groundwater parameters stabilized. In total, approximately 36 gallons of water were purged from MW-25. The well development log is included in **Appendix G**.

3.4 Monitoring Well Survey

Licensed surveyor Mid Coast Engineers surveyed the new monitoring well MW-25 on February 6, 2015. Longitude and latitude were surveyed to North American Datum 83. The top of casing well elevations were surveyed to North American Vertical Datum 88. The survey data have been included as **Appendix H.** As required by the State of California Water Resources Control Board, the survey information was uploaded to GeoTracker.

3.5 Monitoring Well Sampling

On February 26, 2015, new monitoring well MW-25 was gauged and sampled for the first time by subcontractor Blaine Tech Services (Blaine Tech) as part of the first quarter 2015 semi-annual groundwater monitoring event, which is summarized in **Section 4.0**.

3.6 Disposal of Investigation Derived Waste

Antea Group's waste management contractor Belshire Environmental Services, Inc. removed two soil drums and one wastewater drum on March 5, 2015. Non Hazardous Waste Manifests for soil and groundwater generated during the investigation are presented as **Appendix I.**

3.7 Monitoring Well Installation Results

3.7.1 Subsurface Conditions

Soils consisted of primarily of clays with sand and clayey sand to total depth at MW-25. A shallow sandy unit was reported from 5 to approximately 12 feet bgs, and a deeper water bearing coarse grained unit was observed at 18.5 feet bgs. First groundwater was encountered at 15 feet bgs at MW-25. In general, reported subsurface conditions were similar to those previously reported.

3.7.2 Soil Screening Results

PID readings ranged from 0.0 to 0.2 parts per million volume (ppmv) throughout the entire depth of MW-25. PID readings are included on the boring log as **Appendix F**.

4.0 FIRST QUARTER 2015 SEMI-ANNUAL MONITORING

Antea Group completed the first quarter 2015 semi-annual groundwater monitoring and sampling event completed on February 25 and 26, 2015. In addition to newly installed MW-25, all site wells besides MW-18 were gauged and sampled. MW-18 was not gauged or sampled because it was inaccessible.

4.1 Work Performed in the Fourth Quarter 2014 and First Quarter 2015

1. Antea Group prepared and submitted the Semi-*Annual Monitoring Report, Third Quarter 2015*, dated October 8, 2014, to the GPP.
2. Antea Group prepared and submitted a *PCE Source Evaluation Report,* dated October 8, 2014, to the GPP.

3. Antea Group conducted a January cold season sampling event at sub-slab vapor points SS-2 and SS-3 on January 14, 2015.
4. Antea Group installed monitoring well MW-25 downgradient of MW-21 in front of 514 South Eldorado Street to further define the groundwater contaminant plume on January 16, 2015.
5. Blaine Tech conducted the first quarter 2015 semi-annual groundwater monitoring event on February 25 and 26, 2015.

4.2 Work Proposed for the Second Quarter and Third Quarter 2015

1. Antea Group will submit the *Vapor Sampling, Well Installation, and First Quarter 2015 Semi-Annual Monitoring Report* (contained herein) to the GPP.
2. Blaine Tech will conduct a limited second quarter interim sampling event with wells MW-21, MW-10R and MW-25 during the second quarter 2015.
3. Blaine Tech will conduct the third quarter 2015 semi-annual groundwater sampling event during the third quarter 2015.
4. Antea Group will summarize the second and third quarter 2015 activities and sampling events and report the results in a semi-annual monitoring report to be completed third quarter 2015.

4.3 Current Project Status

Current phase of project:	Quarterly and semi-annual groundwater monitoring
Monitoring well gauging schedule^:	Interim (2nd and 4th quarters): MW-10R, MW-21, MW-25 Semi-annually (1st & 3rd quarters): MW-4, MW-6, MW-7, MW-8, MW-9, MW-10R, MW-12B, MW-13B, MW-14B, MW-15B, MW-17B, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25
Monitoring well sampling schedule^:	Interim (2nd and 4th quarters): MW-10R, MW-21, MW-25 Annually (1st quarter): MW-4, MW-7, MW-8, MW-9, MW-14B, MW-15B, MW-17B. Semi-annually (1st quarter, 3rd quarter): MW-6, MW-10R, MW-12B, MW-13B, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25.
Local receptors:	Irrigation wells – approximately 600 feet NE of the site and 600 feet NNW of the site (See **Appendix A**)
Current remediation technique	No active remediation being conducted

4.4 Regulatory Correspondence

On October 24, 2014, Antea Group received letter correspondence from the GPP summarizing comments from the *Vapor Assessment Report* dated May 29, 2014, the *PCE Source Evaluation Report* dated October 8, 2014, and the *Semi-Annual Monitoring Report, Third Quarter 2014* dated October 8 2014, as included as **Appendix A**.

4.5 Groundwater Monitoring

For the first quarter 2015 groundwater monitoring event, Blaine Tech gauged and sampled 18 wells per their protocol summarized as **Appendix J**. MW-18 was not gauged or sampled because it was inaccessible due to being parked over by a vehicle associated with the auto repair show at the site throughout the two days of the groundwater monitoring and sampling. Copies of Blaine Tech's field data sheets, and the table below summarizes the recent gauging and sampling events are included as **Appendix K**.

Well gauging and sampling date:	First Quarter: February 25 and 26, 2015
Wells gauged:	First Quarter: MW-4, MW-6, MW-7, MW-8, MW-9, MW-10R, MW-12B, MW-13B, MW-14B, MW-15B, MW-17B, MW-18*, MW-19, MW-20, MW-21, MW-22, MW-23 MW-24, and MW-25.
Wells sampled:	First Quarter: MW-4, MW-6, MW-7, MW-8, MW-9, MW-10R, MW-12B, MW-13B, MW-14B, MW-15B, MW-17B, MW-18*, MW-19, MW-20, MW-21, MW-22, MW-23 MW-24, and MW-25.
Purge method:	Low-flow methods via peristaltic pump
Sample collection method:	Low-flow via dedicated tubing
Groundwater parameters measured (**Appendix C**):	Temperature, pH, Conductivity, Turbidity, Dissolved Oxygen (DO)
Wells with measurable LNAPL:	None

*Monitoring well MW-18 was parked over and could not be sampled.
LNAPL – Light non aqueous phase liquid

4.5.1 Groundwater Flow Gradient and Directional Trends

Using the well gauging data from February 25, 2015 and the surveyed well casing elevations (**Table 1**), Antea Group calculated the groundwater elevation at each monitoring well and plotted a groundwater flow direction and gradient for those wells with shallower screened intervals and for those with deeper screened intervals.

Groundwater elevations indicated primary flow within the zone of the shallower screened wells was to the east-southeast at a gradient of 0.003 feet per foot (ft/ft). Historically, groundwater flow in the zone of the shallower screened wells is in the easterly direction. Groundwater flow in the zone of the deeper screened wells was to the east at a gradient of 0.003 ft/ft. Historically, groundwater flow in this deeper zone is to the east. Groundwater elevation contour maps with rose diagrams for shallow screen interval and deep screen interval wells are depicted respectively on **Figures 4A** and **4B.**

4.5.2 Vertical Gradient Data

Antea Group calculated the vertical gradient for well pair MW-6 (screened interval 13 to 19 feet) and MW-13B (screened interval 21 to 31 feet). The difference in hydraulic head between the two wells on February 25, 2015 was 0.06 feet, resulting in a calculated downward vertical gradient of 0.008 (a negligible value given the accuracy of the well gauging readings to the nearest 0.01).

4.5.3 Groundwater Quality Data

Blaine Tech submitted groundwater samples collected during the first quarter 2015 sampling event under chain of custody protocol to Pace Analytical Services, LLC (Pace), a NELAP certified laboratory (Certification No. 08263CA). The

complete laboratory analytical report is included as **Appendix L**. Antea Group requested the laboratory analyze the groundwater samples for the following contaminants of concern:

- GRO (carbon range C_6-C_{12}), referred to by Pace as Total Petroleum Hydrocarbons as Gasoline (TPH-G) by EPA Test Method 8260B;
- BTEX by EPA Test Method 8260B;
- Fuel oxygenates and lead scavengers: MTBE, TBA, DIPE, ETBE, TAME, ethanol, EDB, and 1,2-DCA by EPA Test Method 8260B, and;
- Naphthalene by EPA Test Method 8260B.

Groundwater analytical results are presented in **Table 3** (current) and **Table 4** (historical).

Ranges of contaminant concentrations reported in the groundwater samples during the August sampling event are summarized in the table below. Only the reported contaminants of concern are shown in the following table.

Constituents (ESL in µg/L)	Number of Reported Concentrations Above LRL of Total Samples Analyzed	Minimum Reported Concentration, in µg/L (Sample ID)	Maximum Reported Concentration, in µg/L (Sample ID)
GRO (100)	12 of 18	63 (MW-4)	26,000 (MW-6)
Benzene (1.0)	6 of 18	0.69 (MW-21)	1,500 (MW-6)
Toluene (40)	2 of 18	2.0 (MW-19)	1,700 (MW-6)
Ethylbenzene (30)	3 of 18	55 (MW-21)	670 (MW-10R)
Total Xylenes (20)	4 of 18	94 (MW-21)	4,800 (MW-6)
MTBE (5.0)	4 of 18	0.79 (MW-19)	110 (MW-6)
Naphthalene (6.2)	8 of 18	0.60 (MW-20)	870 (MW-6)

Legend:

ESL = Regional Water Quality Control Board, San Francisco Bay Region, Environmental Screening Level where groundwater is a potential or current drinking water source

µg/L = Micrograms per liter

4.5.4 Groundwater Contaminant Trends

The approximate extent of the GRO and benzene plumes in the zone of the shallower screened wells for February 2015 is depicted on dissolved phase isoconcentration maps on **Figures 5** and **6**.

The core of the dissolved phase hydrocarbon plume is centered at shallow well MW-6, and trails toward MW-10R, as show on **Figures 5** and **6**. Benzene concentrations appear defined to below the ESL of 1.0 µg/L by MW-22 to the west MW-24 to the south-southeast, and MW-21 to the east. MTBE appears to be limited to the southeast corner of the service station, with concentrations exceeding the ESL of 5 µg/L in wells MW-6 and MW-13B, based on current reported concentrations. No analyte concentrations were detected in newly installed MW-25 downgradient of MW-21.

Time series graphs plotting GRO, benzene, MTBE, PCE, and groundwater elevations over time for wells MW-6, MW-12B, MW-13B, MW-15B, MW-10R, MW-18 and MW-19, MW-21, MW-22, MW-23, and MW-24 are presented as **Appendix M**. Overall, contaminant concentrations appear to be relatively stable over time in the selected wells.
In MW-6, GRO appears to be decreasing, and MTBE is stable to decreasing. Benzene appears to be slightly increasing overall in MW-6. In MW-10R located downgradient of MW-6, GRO, benzene and MTBE concentrations appear to be decreasing which indicates that the onsite hydrocarbon plume is attenuating across Delaware Street.

Antea Group will resume Mann-Kendall trend analyses once trends can be established in the newer groundwater monitoring wells.

4.5.5 Waste Disposal Summary

Blaine Tech samplers generated approximately 11 gallons of waste water during the February 2015 sampling event as a result of well purging/sampling and equipment cleaning. Blaine Tech transported the water to their bulk facility in San Jose, California, and after batching process, they will transport the wastewater to Seaport Environmental in Redwood City, California for disposal. The first quarter 2015 waste manifest was not available at the time of report submittal; it will be included in the next monitoring report. Copies of the second and third quarter 2014 waste manifests, previously unavailable, are included as **Appendix N**.

4.5.6 Quality Assurance / Quality Control (QA/QC)

Antea Group's QA/QC measures included use of a trip blank during both sampling events, collection of a field duplicate during the February 2015 sampling event, and a detailed QA/QC data validation check on the Pace laboratory analytical results for the sampling event. Antea Group's laboratory data validation checklists and the Pace laboratory reports are included as **Appendix L**. A summary of QA/QC information is provided in the tables below.

February 26, 2015 sampling event:	
Trip Blank (TB1_20150228):	No contaminants reported
Field Duplicate (FD1_20150228; parent sample collected at MW-13B):	Relative percent difference between parent and duplicate sample: GRO (10.3%), Benzene (2.9%), MTBE (5.5%).
Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Laboratory Data Qualifiers:	None
Are the data valid for their intended purpose?	Yes, the data are valid

Notes: The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-10R_20150228.

All RPD results were in an acceptable error tolerance (i.e., less than 30%). Based on a review of the laboratory's analytical report, including their QA/QC procedures and those implemented by Antea Group, we conclude that the laboratory data obtained during the recent groundwater sampling event are valid and usable for their intended purpose.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Antea Group completed a cold season vapor sampling event at Sub-Slab points SS-2 and SS-3. No detections were above sub-slab screening levels as determined by applying an attenuation factor of 0.05 to the indoor air screening level established by the SFRWQCB for residential use. The available data do not suggest a risk posed by the site's plume to occupants of the buildings where the sub-slab points are located. Antea Group does not propose further vapor sampling, as these locations have been consistently below sub-slab screening levels for residential use. As previously requested by GPP, Antea Group will review terms established in access agreements with legal council to determine whether vapor points SS-1 through SS-4 may be transferred to the responsible party for the regional PCE case, or if these points should be destroyed.

Antea Group completed the installation of MW-25 to further define the groundwater contaminant plume downgradient of the 76 Service Station No. 6390, located at 402 Delaware Street in San Mateo, California. Antea Group completed a work scope in general accordance with the San Mateo County Groundwater Protection Program (GPP) letter dated October 29, 2014.

Groundwater flow patterns during the first quarter 2015 are overall consistent with historical trends, reporting a south-east to eastward flow in the shallow and deeper water-bearing zones. Highest contaminant concentrations continue to be present in shallow screened wells MW-6, MW-10R and MW-21 at and downgradient of the UST complex. The installation of MW-25 appears to have defined the lateral extent of GRO, ethylbenzene, xylenes and naphthalene downgradient of the site since there were no concentrations above laboratory indicated reporting limits at MW-25.

Antea Group recommends preparing a sensitive receptor survey update for the site to identify current water supply wells, water bodies and sensitive populations within 1000 feet of the dissolved phase plume boundary.

Antea Group will continue with the semi-annual groundwater monitoring and sampling schedule with additional quarterly monitoring for wells MW-21 and MW-25 to establish downgradient trends, with the next quarterly event occurring in the second quarter 2015, and the next semi-annual event scheduled for third quarter 2015.

6.0 REMARKS

The findings contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea USA, Inc., the data from those reports are used "as is" and is assumed to be accurate. Antea USA, Inc does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

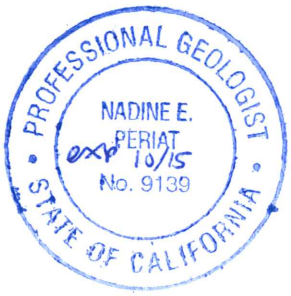
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Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature follows.

Licensed Approver:



Nadine Periat
Project Manager
California Registered Professional Geologist No. 9139
Antea Group

cc: GeoTracker (upload)

Tables

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TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Updated: 4/6/2015

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Shallow / Deep Screened Well
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Shallow Screened Well
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Deep Screened Well
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Deep Screened Well
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Shallow Screened Well
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Shallow Zone; Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Shallow Zone; Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Deep Zone; conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Deep Zone; conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Deep Screened Well
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Deep Screened Well
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Deep Screened Well
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 4/6/2015

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Deep Screen - Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Shallow Screened Well
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

TABLE 2
HISTORICAL SOIL VAPOR SAMPLING ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	Sampled	Depth	2-Propanol (Leak Check Compound) (µg/m³)	EPA TO-3	EPA - TO-14A or TO-15 or TO-15SIM															ASTM D-1946				Field Measure	
				TPPH (µg/m³)	1,3-DCB (µg/m³)	Benzene (µg/m³)	Toluene (µg/m³)	Ethylbenzene (µg/m³)	O-Xylene (µg/m³)	P/M-Xylene (µg/m³)	Total Xylenes (µg/m³)	MTBE (µg/m³)	TBA (µg/m³)	DIPE (µg/m³)	ETBE (µg/m³)	TAME (µg/m³)	EDB (µg/m³)	1,2-DCA (µg/m³)	Ethanol (µg/m³)	PCE (µg/m³)	Naphthalene (µg/m³)	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Helium (%)	Lowest He in Shroud (%)	Calculated He Leak (%)
Indoor Air Screening Levels (residential):				590	no value	0.084	310	0.97	--	--	100	9.4	no value	no value	no value	no value	0.034	0.12	no value	0.41	0.072	--	--	--	--	--	--
Sub-Slab Screening Levels (residential):				1.18E+04	no value	1.68	6,200	19	--	--	2,000	188	no value	no value	no value	no value	0.68	2.40	no value	8.2	1.44	--	--	--	--	--	--
Indoor Air Screening Levels (commercial):				2.50E+03	no value	0.42	1,300	1,000	--	--	440	47	no value	no value	no value	no value	0.17	0.58	no value	2.1	0.36	--	--	--	--	--	--
Sub-Slab Screening Levels (commercial):				5.00E+04	no value	8.40	26,000	20,000	--	--	8,800	940	no value	no value	no value	no value	3.40	11.60	no value	42	7.2	--	--	--	--	--	--
Shallow Soil Screening Levels (Commercial)				2.50E+06	no value	420	1,300	4,900	--	--	440,000	47,000	no value	no value	no value	no value	170	580	no value	2,100	360	--	--	--	--	--	--
Atmospheric Fixed Gas Concentrations:				--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	0.00017	**0.040**	**20.95**	**0.000524**	--	--
VP-1	01/19/07	5	<7.2	<150	<4.4	<2.3	**16**	<3.2	<3.2	**8.2**		<2.6	<22	<12	<12	<12	<4.4	<3.0	<5.5	--	--	<0.00015	**0.46**	**22**	--	--	--
	02/01/07	5	<6.6	<140	<4.0	<2.1	**5.4**	<2.9	**3.5**	**6.3**		<2.4	<20	<11	<11	<11	<4.0	<2.7	<5.0	--	--	<0.00013	**0.5**	**21**	--	--	--
	08/23/13	5	--	<3800	--	<2.3	<2.7	<3.1	<3.1	<12	<15.1	<10	<8.7	<12	<12	<12	<5.5	<2.9	**15**	**19**	<37	<0.500	**1.51**	**20.3**	**0.0162**	41	0.0
	01/14/14	5	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**6.8**	<26	<0.500	**0.538**	**20.8**	<0.0100	54	0.0
VP-2	01/19/07	5	<6.8	<140	<4.2	<2.2	**3.4**	**3.2**	**13**	**3.5**	**16.5**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**33**	--	--	--
	01/19/07*	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.00014	**0.6**	**33**	--	--	--
	02/01/07	5	<6.8	<140	<4.2	<2.2	<2.6	<3.0	**6.3**	<3.0	**6.3**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**21**	--	--	--
VP-3	01/19/07	5	<7.3	**750**	<4.5	<2.2	**13**	**14**	**29**	**42**	**71**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	<0.00015	**1.0**	**21**	--	--	--
	01/19/07*	5	<7.3	--	<4.5	<2.4	**13**	**15**	**30**	**43**	**73**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	--	--	--	--	--	--	--
	02/01/07	5	**12**	**270**	<4.2	<2.2	**3.7**	**5.8**	**12**	**7.8**	**20**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**1.0**	**20**	--	--	--
	02/01/07*	5	--	**280**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/06/07	5	**16**	<230	<6.7	<3.6	<4.2	<4.8	<4.8	<4.8	<9.6	<4.0	<34	<19	<19	<19	<6.7	<4.5	<8.4	--	--	<0.00022	**1.7**	**20**	--	--	--
	08/23/13	5	--	<3800	--	<2.1	**7.0**	**3.5**	**8.1**	**24**	**32.1**	<9.3	<7.8	<11	<11	<11	<5.0	<2.6	**22**	**56**	<34	<0.500	**2.36**	**18.2**	**0.0216**	40.6	0.1
	01/14/14	5	--	<3800	--	**2.0**	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**36**	<26	<0.500	**1.87**	**18.8**	<0.0100	46	0.0
SS-1	08/22/13	--	--	<3800	--	<1.9	<2.3	<2.6	<2.6	<11	<13.6	<8.8	<7.4	<10	<10	<10	<4.7	<2.5	**17**	**2,200**	<32	<0.500	**0.990**	**20.6**	**0.627**	46	1.4
	01/14/14	--	--	<3800	--	**5.4**	**19**	**3.3**	**4.8**	**14**	**18.8**	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**80**	**12**	<26	<0.500	<0.500	**18.0**	**18.3**	51	35.9
	02/20/14	--	--	**14,000**	--	**0.12**	**0.45**	**0.21**	**0.25**	**0.27**	**0.52**	<0.099	<7.8	<11	<11	<11	<4.9	<2.6	<12	**2,100**	**0.16**	<0.500	**1.38**	**19.7**	**0.0832**	40.3	0.2
SS-2	08/22/13	--	--	<3800	--	<2.9	**6.2**	**4.4**	**10**	**19**	**29**	<13	<11	<15	<15	<15	<7.0	<3.7	<17	**88**	<48	<0.500	**0.917**	**20.6**	**0.0380**	44	0.1
	01/14/14	--	--	<3800	--	**50**	**21**	**5.2**	**5.5**	**15**	**20.5**	**18**	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**63**	**57**	<26	<0.500	**0.788**	**20.3**	**0.0740**	49	0.2
	02/20/14	--	--	<3800	--	**0.61**	**2.3**	**0.97**	**1.2**	**3.1**	**4.3**	<0.098	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.9**	**53**	**0.20**	<0.500	**0.876**	**20.4**	**0.0459**	40.1	0.1
	01/14/15	--	--	<3800	--	**0.39**	**0.89**	**0.22**	**0.35**	**0.76**	**1.11**	<0.12	<6.1	<8.4	<8.4	<8.4	<3.8	<0.13	<9.4	--	**0.22**	<0.500	**0.599**	**21.1**	**0.021**	34	0.1
	1/14/2015*	--	--	<3800	--	**0.98**	**3.6**	**0.52**	**0.59**	**2.00**	**2.59**	**0.34**	<6.1	<8.4	<8.4	<8.4	<3.8	<0.12	<9.4	--	**0.18**	<0.500	**0.677**	**21.0**	**0.0415**	34	0.1
SS-3	08/22/13	--	--	<3800	--	<2.0	<2.4	<2.7	<2.7	<11	<13.7	<9.0	<7.6	<10	<10	<10	<4.8	<2.5	<12	**5.0**	<33	<0.500	**1.96**	**19.2**	**0.0402**	42	0.1
	01/14/14	--	--	<3800	--	**14**	**61**	<11	**23**	<43	**23**	<36	<30	**47**	<42	<42	<19	<10	**100**	<17	<130	<0.500	**2.61**	**18.3**	<0.0100	51	0.0
	01/14/14*	--	--	<3800	--	**13**	**15**	<11	<11	<43	<54	<36	<30	<42	<42	<42	<19	<10	**120**	<17	<130	<0.500	**2.75**	**18.1**	<0.0100	49	0.0
	02/20/14	--	--	<3800	--	**0.54**	**0.54**	**0.13**	**0.14**	**0.34**	**0.48**	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.7**	**4.7**	**0.18**	<0.500	**2.28**	**19.4**	**0.0102**	40.1	0.0
	02/20/14*	--	--	**5100**	--	<0.085	<0.20	<0.12	<0.12	**0.15**	**0.15**	<0.096	**0.57**	<8.4	<8.4	<8.4	<3.8	<2.0	**4.1**	**5.7**	**0.15**	<0.500	**2.33**	**19.3**	<0.0100	40.1	0.0
	01/14/15	--	--	**4300**	--	**0.42**	**0.49**	**0.15**	**0.16**	**0.40**	**0.56**	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<0.10	<9.4	--	**0.096**	<0.500	**2.15**	**19.3**	0.0334	36	0.1
SS-4	08/22/13	--	--	<3800	--	<2.5	<2.9	<3.4	<3.4	<14	<17.4	<11	<9.5	<13	<13	<13	<6.0	<3.2	**170**	<5.3	<41	<0.500	**1.29**	**19.8**	**0.0732**	44	0.2
	08/22/13*	--	--	<3800	--	<2.4	<2.8	<3.2	<3.2	<13	<16.2	<11	<9.0	<12	<12	<12	<5.7	<3.0	**170**	<5.1	<39	<0.500	**1.26**	**19.8**	**0.0728**	44	0.2
	01/21/14	--	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**20**	**4.5**	<26	<0.500	**1.87**	**19.6**	**0.195**	43	0.5

Notes:

<	Analyte not detected above indicated laboratory reporting limit	1,3-DCB	1,3- Dichlorobenzene	TAME	Tertiary amyl methyl ether	ETBE	Ethyl tertiary butyl ether	He	Helium
µg/m³	Microgram per cubic meter	1,4-DCB	1,4- Dichlorobenzene	TPPH	Total purgeable petroleum hydrocarbons	DIPE	Di-Isopropyl ether		
µg/L	Microgram per cubic liter	1,2- DCA	1,2- Dichloroethane	TBA	Tertiary butyl alcohol	MTBE	Methyl tertiary butyl ether		
*	Field Duplicate Sample	EDB	Ethylene dibromide	EPA	Environmental Protection Agency	PCE	Tetrachloroethene		

VOC analyses: 2007 Samples analyzed by TO-14A, 8/2013 and 1/2014 samples analyzed by TO-15, 2/2014 samples analyzed by TO-15 SIM
SS-1 through SS-4 are subslab vapor points.
Shallow gas screening levels taken from SF Bay RWQCB Table E-2
Sub-slab screening levels based on a 0.05 attenuation factor to indoor air.
Indoor Air Screening Level: Environmental Screening Level for Indoor Air Quality established by the San Francisco Regional Water Quality Control Board, Decemeber 201
Carbon dioxide and methane atmospheric levels taken from http://cdiac.ornl.gov/pns/current_ghg.htm
Oxygen and helium atmospheric levels taken from http://nssdc.gsfc.nasa.gov/planetary/factsheet/earthfact.html
Samples collected from SS-1, SS-2 and SS-3 on 1/14/14 are believed to have been compromised from outside contaminant source, data not used in interpretation.

TABLE 3
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	Date Sampled	TOC [1] Elevation (feet)	Depth to GW (ft below TOC)	GWE (feet)	NAPL Thickness (feet)	Sheen	GRO [2] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [2] (µg/L)	TBA [2] (µg/L)	TAME [2] (µg/L)	1,2-DCA [2] (µg/L)	DIPE [2] (µg/L)	ETBE [2] (µg/L)	Ethanol [2] (µg/L)	PCE [2] (µg/L)	TCE [2] (µg/L)	cis-1,2-DCE [2] (µg/L)	trans-1,2-DCE [2] (µg/L)	EDB [2] (µg/L)	VC [2] (µg/L)	Naphthalene [3] (µg/L)
MW-4	02/26/15	19.01	13.68	5.33	0	No	**63**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	**1.0**
MW-6	02/26/15	19.08	13.49	5.59	0	No	**26,000**	**1,500**	**1,700**	<5.0	**4,800**	**110**	<50	<5.0	<5.0	<5.0	<5.0	<40	--	--	--	--	<5.0	--	**870**
MW-7	02/26/15	21.74	15.72	6.02	0	No	**100**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-8	02/26/15	18.42	12.81	5.61	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-9	02/25/15	19.42	13.62	5.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-10R	02/26/15	19.11	13.77	5.34	0	No	**9,800**	**12**	<2.5	**670**	**1,400**	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<50 a	--	--	--	--	<2.5	--	**380**
MW-12B	02/25/15	18.68	13.72	4.96	0	No	**150**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-13B	02/26/15	19.14	13.61	5.53	0	No	**290**	**35**	<0.50	<0.50	<0.50	**5.5**	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	**6.3**
MW-14B	02/26/15	18.47	12.97	5.50	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-15B	02/25/15	19.12	13.99	5.13	0	No	**160**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-17B	02/25/15	18.75	13.00	5.75	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-18	NS	19.61	--	--	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--	--	--	--	--	**--**
MW-19	02/26/15	19.06	13.69	5.37	0	No	**3,000**	**9.7**	**2.0**	**240**	**160**	**0.79**	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	**240**
MW-20	02/25/15	19.01	13.86	5.15	0	No	**70**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	**0.60**
MW-21	02/25/15	18.52	13.45	5.07	0	No	**700**	**0.69**	<0.50	**55**	**94**	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	**24**
MW-22	02/25/15	20.86	14.95	5.91	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-23	02/25/15	22.33	16.10	6.23	0	No	**150**	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-24	02/25/15	19.51	14.13	5.38	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
MW-25	02/26/15	18.60	13.91	4.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<5.0	--	<0.50
TB-1 [4]	02/26/15	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	<0.50
FD1 [5]	02/26/15	--	--	--	--	--	**260**	**34**	<0.50	<0.50	<0.50	**5.2**	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	**5.5**
CRWQCB ESLs (Potential Drinking Water Resource):							**100**	**1.0**	**40**	**30**	**20**	**5.0**	**12**	**--**	**0.50**	**--**	**--**	**--**	**5.0**	**5.0**	**6.0**	**10**	**0.05**	**0.50**	**6.2**

Notes:

<	Denotes less than the Laboratory Reporting Limit	ESL	Environmental screening level	PCE	Tetrachloroethene	TBA	tert-butyl alcohol	VC	Vinyl Chloride
--	Not applicable / measured	GRO	Gasoline range organics	cis-1,2-DCE	cis-1,2-dichloroethylene	TAME	tert-amyl methyl ether	EDB	1,2-Dibromoethane
µg/L	Micrograms per liter	GWE	Groundwater elevation	trans-1,2-DCE	trans-1,2-dichloroethylene	1,2-DCA	1,2-Dichloroethane	TB	Test Blank
BTEX	Benzene, toluene, ethylbenzene, xylenes	GW	Groundwater	NAPL	Non-Aqueous Phase Liquid	DIPE	1-2-Dibromoethane	FD	Field Duplicate
CRWQCB	California Regional Water Quality Control Board	MTBE	Methyl tertiary butyl ether	TCE	Trichloroethene	ETBE	Ethyl-butyl ether		
TOC	Top of Casing								
BOLD	Indicates a concentration above the Reporting Limit								
BOLD	Indicates a concentration above the ESL								

NS = Well not sampled because well was parked over and inaccessible for two days of gauging and sampling. Auto repair shop contacted car owner on 2/26/15, car owner not able to move vehicle until night of 2/26/15.
1 = TOC elevations have been surveyed to the NAVD 88 datum (refer to Table 1 for date of each well's survey)
2 = Analyzed by EPA Method 8260B.
3 = Analyzed by EPA Method 8270C.
4 = Trip blank sample for QA/QC
5 = Field duplicate sample collected at MW-13B
a = The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-10R_20150228

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
UST REPLACEMENT WATER SAMPLE																															
W1	--	--	8/25/1992 v, ff	21	--	--	--	--	50,000	1,200	6,700	1,400	10,000	--	--			--	--	--	--	--	--	--	--			--		--	--
SOIL BORINGS & TEMP WELLS																															
SP1	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP2	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP4	--	--	2/14/96	10.5	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	--	--	21,000 k	1,300 k	1,500 k	1,400 k	4,000 k	330 k	<200 k	<10 k	<10 k	--	--	<5000	--	--	--	--	--	--	--	--	--	--	--
SP-6	--	--	12/15/06	15	--	--	--	--	38,000 k	<10 k	<10 k	570 k	660 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--	--	--	--	--	--	--	--	--	--
SP-7	--	--	12/15/06	32	--	--	--	--	<50 k	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	--	--	<250	90	15	9.8	9.8	--	--	--	--	--	--	--
SP-8	--	--	12/15/06	15.2	--	--	--	--	51,000 k	110 k	100 k	3,000 k	9,600 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--	--	--	--	--	--	--	--	--	--
SB-1	--	--	5/18/11	16.25	--	--	--	--	111	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	38.9	4.7	15.0	15.0	--	<1.0	4.8	--	--	--	--
SB-3	--	--	5/18/11	20.25	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	1.9	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	--	--	--
SB-4	--	--	5/18/11	14.5	--	--	--	--	<50.0	0.54	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	11.9	<1.0	<1.0	<1.0	--	<1.0	2.7	--	--	--	--
SB-5	--	--	5/18/11	**NO SAMPLE COLLECTED - BORING WAS DRY AT 30 FT AND 40 FT BGS (ATTEMPTED GRAB SAMPLE USING PRE-PACK SCREEN)**																													
SB-6	--	--	6/7/11	21	--	--	--	--	45,800	40.5	1,230	1,420	7,430	1.5	<5.0	<0.50	<1.0	--	--	<250	103	15.2	16.2	16.2	--	<1.0	2.2	--	--	--	--
SB-7	--	--	5/18/11	14.2	--	--	--	--	166,000	2,790	15,600	4,080	21,000	1,160	2950	2.0	<1.0	--	--	<250	6.7	3.4	3.4	3.4	--	<1.0	<1.0	--	--	--	--
SB-8	--	--	5/17/12	14.50	--	--	--	--	330 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	--	--	--	22	9.3	7.2	7.2	--	<0.50	1.7	--	--	--	--
SB-9	--	--	4/12/12	15.80	--	--	--	--	90,000	1,100	6,500	4,400	21,000	<40 k	<200 k	<40 k	<40 k	--	--	<400 k	<40 k	<40 k	<40 k	<40 k	--	<40 k	<40 k	--	--	--	--
SB-11	--	--	3/15/13	31.00	--	--	--	--	15 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	42	80	1.4	1.4	<0.50	<0.50	<0.50	--	--	--	--	--
TW-1	--	--	4/11/12	15.46	--	--	--	--	53 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	--	63	1.3	<0.50	<0.50	--	<0.50	0.57	--	--	--	--
MONITORING WELLS																															
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.80	-2.93	-2.38	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.90	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.84	0.03	0.58	0	No	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	10.00	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.50	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.20	5.67	2.30	0	No	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.70	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.81	1.06	-1.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.70	-1.83	-1.53	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95	17.96	-3.09	-1.26	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.85	7.02	10.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.27	1.60	-5.42	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.61	-1.74	-3.34	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.60	37	30	--
			11/18/96	17.01	-2.14	-0.40	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	10	10	--
			02/20/97	8.96	5.91	8.05	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	27	26	--
			05/27/97	15.37	-0.50	-6.41	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	35	28	--
			08/26/97	17.01	-2.14	-1.64	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	33	34	--
			11/25/97	16.50	-1.63	0.51	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	38	33	--
			02/13/98	6.07	8.80	10.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	38	30	--
			05/21/98	11.76	3.11	-5.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	46	34	--
			08/17/98	15.15	-0.28	-3.39	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	40	30	--
			11/19/98	16.13	-1.26	-0.98	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	43	34	--
			02/15/99	10.94	3.93	5.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	42	32	--
			05/13/99	12.70	2.17	-1.76	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.90	48	38	--
			08/10/99	15.39	-0.52	-2.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.93	44	35	--
			11/09/99	16.28	-1.41	-0.89	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	43	33.60	--
			02/14/00	10.38	4.49	5.90	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	8.03	54.30	--
			05/18/00	13.62	1.25	-3.24	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.34	4.04	18.10	--
			08/09/00	16.43	-1.56	-2.81	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	6.64	29.00	--
			11/08/00	16.20	-1.33	0.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	7.14	26.10	--
			02/14/01	13.34	1.53	2.86	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<100	7.08	30.40	--
			08/15/01	16.63	-1.76	-3.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.10	8.90	--
			02/13/02	12.46	2.41	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	31	28	--
			08/26/02	16.26	-1.39	-3.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	37	32	--
			02/18/03	12.09	2.78	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	27	26	--
			08/21/03	15.25	-0.38	-3.16	0	No	63	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	10	--
			03/30/04	12.05	2.82	3.20	0	No	81	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	29	26	--
			08/18/04	16.04	-1.17	-3.99	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34	29	--
		19.46 †	03/10/05	9.66	9.80	--	0	No	84 j	1.70	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26	28	--
			08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.94	7.52	3.13	0	No	94	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.08	4.38	-3.14	0	No	69 n,p	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																												
MW-2	10 - 30	14.50 ♦	06/15/94	15.33	-0.83	--	0	No	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	17.62	-3.12	-2.29	0	No	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-2 (cont'd)			11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	14.74	-0.24	0.50	0	No	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	9.11	5.39	2.31	0	No	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.75	0.75	-1.12	0	No	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.54	-2.04	-1.46	0	No	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.80	-3.30	-1.26	0	No	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.74	6.76	10.06	0	No	10,000	2,400	2,000	530	2,900	3,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.23	1.27	-5.49	0	No	120,000	10,000	39,000	3,100	19,000	9,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.50	-2.00	-3.27	0	No	340,000	1,000	42,000	3,800	22,000	5,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	16.90	-2.40	-0.40	0	No	32,000	2,500	7,200	760	4,000	4,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.61	5.89	8.29	0	No	<250	76	3.1	<2.5	13	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.03	-0.53	-6.42	0	No	39,000	3,700	11,000	1,200	6,700	4,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.89	-2.39	-1.86	0	No	69,000	7,200	20,000	2,900	17,000	4,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.96	-1.46	0.93	0	No	110,000	5,800	21,000	3,400	20,000	3,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/98	5.75	8.75	10.21	0	No	10,000	850	510	170	2,000	630	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.78	2.72	-6.03	0	No	38,000	3,300	6,700	1,200	5,800	2,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.20	-0.70	-3.42	0	No	79,000 e	6,100	12,000	3,000	17,000	3,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.05	-1.55	-0.85	0	No	430	27	20	23	120	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.88	3.62	5.17	0	No	7,600	900	170	340	1,500	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.59	1.91	-1.71	0	No	53,000	4,100	7,900	2,200	12,000	1,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.35	-0.85	-2.76	0	No	59,000	3,300	5,300	2,600	17,000	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.20	-1.70	-0.85	0	No	29,900	2,070	1,530	1,610	5,820	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.25	4.25	5.95	0	No	6,460	716	140	478	942	636	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.51	0.99	-3.26	0	No	27,400	1,830	3,400	1,500	6,160	1,230 h	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.28	-1.78	-2.77	0	No	36,900	2,400	450	2,060	9,510	1,220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.08	-1.58	0.20	0	No	50,300	3,110	2,960	2,550	12,000	872	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.18	1.32	2.90	0	No	8,090	700	55.90	630	597	841	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/15/01	16.65	-2.15	-3.47	0	No	13,000	1,500	910	1,300	1,300	910	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.38	2.12	4.27	0	No	23,000	1,600	2,400	1,500	4,200	640	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.17	-1.67	-3.79	0	No	32,000 k	1,600 k	900 k	2,100 k	6,300 k	<250 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.01	2.49	4.16	0	No	600	93	13	3.4	46	98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.23	-0.73	-3.22	0	No	25,000	1,300	330	1,400	5,400	460	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	11.18	3.32	4.05	0	No	9,800	790	800	1,000	1,900	400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.00	-1.50	-4.82	0	No	14,000	1,100	150	2,000	2,000	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		19.11 †	03/10/05	9.53	9.58	--	0	No	160	16	14	9.7	14	34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	--	--	3,400	370	23	750	220	220	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/02/06	11.89	7.22	3.14	0	No	4,100	240	85	160	420	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	14.99	4.12	-3.10	0	No	5,800 k	380 k	12 k	840 k	370 k	130 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																												
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/26/94	19.06	-2.99	-2.35	0	No	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/12/94	16.12	-0.05	0.54	0	No	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			04/07/95	10.47	5.60	2.31	0	No	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	13.90	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	15.07	1.00	-1.17	0	No	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	17.95	-1.88	-1.50	0	No	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	19.25	-3.18	-1.30	0	No	350	51	43	11	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	9.15	6.92	10.10	0	No	3,200	1,300	99	68	240	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	14.58	1.49	-5.43	0	No	1,300	350	120	42	120	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	17.90	-1.83	-3.32	0	No	14,000	650	210	82	250	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	3	32.00	--
			11/18/96	18.19	-2.12	-0.29	0	No	1,700	440	90	21	150	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	18	0	--
			02/20/97	9.42	6.65	8.77	0	No	<50	1.3	<0.50	<0.50	<0.50	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	62	70	--
			05/27/97	16.67	-0.60	-7.25	0	No	12,000	1,700	1,000	520	2,900	2,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.10	2	--
			08/26/97	18.32	-2.25	-1.65	0	No	6,400	1,800	100	430	1,300	2,400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.10	16	--
			11/25/97	17.40	-1.33	0.92	0	No	7,800	2,000	190	420	750	2,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.10	15	--
			02/13/98	6.55	9.52	10.85	0	No	3,900	1,000	<25	180	150	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<5.0	23	--
			05/21/98	13.11	2.96	-6.56	0	No	320	180	<2.0	<2.0	3.5	490	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	13	53	--
			08/17/98	16.51	-0.44	-3.40	0	No	115 d	25	0.99	7.3	10	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	<1.0	5	--
			11/19/98	17.47	-1.40	-0.96	0	No	4,600	1,500	<12	430	190	1,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	8	--
			02/15/99	12.35	3.72	5.12	0	No	2,400	910	6.5	200	110	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	5	11.00	--
			05/13/99	13.96	2.11	-1.61	0	No	1,900	640	<5.0	48	77	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.40	<1.0	20	--
			08/10/99	16.08	-0.01	-2.12	0	No	14,000	2,600	<50	680	2,000	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.93	<0.10	4	--
			11/09/99	17.60	-1.53	-1.52	0	No	5,060	1,330	<20	292	282	1,440	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	4	6.27	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-3 (cont'd)			02/14/00	11.64	4.43	5.96	0	No	4,400	1,140	64.2	346	338	946	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	5	8.72	--
			05/18/00	14.89	1.18	-3.25	0	No	2,770	884	<10	140	109	735	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56	<0.20	15	--
			08/09/00	17.71	-1.64	-2.82	0	No	23,600	2,790	2,470	1,470	4,230	1,130	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.20	2	--
			11/08/00	17.51	-1.44	0.20	0	No	62,100	3,480	16,000	2,120	9,460	540	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<0.20	3	--
			02/14/01	14.58	1.49	2.93	0	No	32,800	2,540	2,660	2,460	7,740	320	--	--	--	--	--	--	--	--	--	--	--	--	--	<100	<50.0	1	--
			08/15/01	17.95	-1.88	-3.37	0	No	7,700	1,000	<20	830	1,500	660	--	--	--	--	--	--	--	--	--	--	--	--	--	11	29	26	--
			02/13/02	13.72	2.35	4.23	0	No	2,300	340	20	170	200	110	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	<50	44	--
			08/26/02	17.61	-1.54	-3.89	0	No	5,900 k	960 k	<25 k	800 k	1,000 k	330 k	<1000 k	<20 k	20 k	--	--	<5000	--	--	--	--	--	--	--	<0.10	<0.50	4	--
			02/18/03	13.32	2.75	4.29	0	No	770	160	37	9.7	70	46	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	5.20	39.00	--
			08/21/03	16.70	-0.63	-3.38	0	No	18,000	1,100	260	1,100	4,000	370	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	<1.0	--
			03/30/04	13.35	2.72	3.35	0	No	720	140	<1.0	6.0	14	47	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	32	--
			08/18/04	17.43	-1.36	-4.08	0	No	3,500	740	<2.5	25	15	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0	<1.0	--
		20.69 †	03/10/05	10.89	9.80	--	0	No	130	43	1.0	1.0	6.2	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	54	--
			08/11/05	16.44	4.25	-5.55	0	No	1,900	260	6.1	12	26	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	13.29	7.40	3.15	0	No	2,100	330	3.6	14	58	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	16.37	4.32	-3.08	0	No	2,100	230 k	11	44	240	85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																												
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.83	0.55	-1.11	0	No	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.51	-2.13	-1.36	0	No	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.82	-3.44	-1.31	0	No	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.88	6.50	9.94	0	No	44,000	3,400	11,000	1,300	7,200	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.30	1.08	-5.42	0	No	100,000	5,100	28,000	3,200	19,000	4,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.65	-2.27	-3.35	0	No	41,000	2,200	3,300	780	4,000	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	17.05	-2.67	-0.40	0	No	29,000	2,300	4,000	1,100	5,600	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.73	5.65	8.32	0	No	<250	65	3.70	<2.5	15	1,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.17	-0.79	-6.44	0	No	5,500	690	460	200	1,600	290	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.91	-2.53	-1.74	0	No	21,000	1,600	3,000	1,000	5,400	530	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.87	-1.49	1.04	0	No	24,000	1,000	2,300	840	4,800	250	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/98	5.80	8.58	10.07	0	No	62 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.86	2.52	-6.06	0	No	86	0.86	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.16	-0.78	-3.30	0	No	120	3.1	6.5	<0.50	18	6.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.15	-1.77	-0.99	0	No	230	7.8	42	5.5	43	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.91	3.47	5.24	0	No	68 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.71	1.67	-1.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	3.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.42	-1.04	-2.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.27	-1.89	-0.85	0	No	1,320	38	211	50	228	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.19	4.19	6.08	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.58	0.80	-3.39	0	No	51.3	<0.50	<0.50	<0.50	<0.50	9.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.36	-1.98	-2.78	0	No	534	8.75	62	26.3	131	2.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.22	-1.84	0.14	0	No	2,190	34	347	70.6	536	<12.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.12	1.26	3.10	0	No	287	5.37	13.4	9.52	32.9	16.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/15/01	16.52	-2.14	-3.40	0	No	490	4.2	48	20	140	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.45	1.93	4.07	0	No	58 d	2.30	<0.50	<0.50	1.60	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.24	-1.86	-3.79	0	No	180	1.50	15	1.10	55	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.12	2.26	4.12	0	No	550	58	3.50	<0.50	110	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.30	-0.92	-3.18	0	No	120	<0.50	<0.50	<0.50	1.20	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	12.08	2.30	3.22	0	No	220	0.91	<0.50	1.50	1.30	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.17	-1.79	-4.09	0	No	81	<0.50	<0.50	0.60	2.80	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		19.02 †	03/10/05	9.59	9.43	--	0	No	8,600	290	360	560	1,800	41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.11	3.91	-5.52	0	No	140	3.9	6.1	2.2	7.7	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.91	7.11	3.20	0	No	2,800	70	37	200	370	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.08	3.94	-3.17	0	No	170 n,p	<0.50	<0.50	<0.50	<0.50	0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/26/07	14.91	4.11	0.17	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	83	--	--	--	--	--	--	--	--	--	--
			08/28/07	16.85	2.17	-1.94	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	43 k,r	--	--	--	--	--	--	--	--	--	--
			02/01/08	10.32	8.70	6.53	0	No	1,800 k	52	5.0	7.6	410 k	8.0	--	--	--	--	--	--	--	68	8.1	8.9	<0.50	--	--	--	--	--	--
			07/03/08	16.32	2.70	-6.00	0	No	73	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	54	5.5	3.8	<0.50	--	--	--	--	--	--
		19.01 †††	08/18/08	16.96	2.05	-0.65	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	15.48	3.53	1.48	0	No	130	<0.50	<0.50	0.92	2.8	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.00	2.01	-1.52	0	No	88 n,w	<0.50	<0.50	<0.50	<1.0	0.57	--	--	--	--	--	--	--	48	4.7	2.9	<0.50	--	--	--	--	--	--
			01/18/10	14.89	4.12	2.11	0	No	51.2	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.39	6.62	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	48.2	7.1	5.9	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	15.49	3.52	-3.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	37.2 x, y	4.2	3.3	<1.0	<1.0	<1.0	2.1	--	--	--	--
			01/06/11	11.83	7.18	3.66	0	No	56.4 bb	0.65	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	25.3	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.73	3.28	-3.90	0	No	88.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	47.1	3.3	2	<1.0	<1.0	<1.0	2.3	--	--	--	--
			05/30/12 ee	14.86	4.15	0.87	0	No	60.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	44.6	3.6	1.8	<1.0	--	<1.0	1.8	--	--	--	--
			08/06/12 ee	17.15	1.86	-2.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	21	2.2	1.7	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			02/14/13	14.43	4.58	2.72	0	No	86 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	31	3.0	1.5	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.17	1.84	-2.74	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	17.93	1.08	-0.76	0	No	230 kk	<0.50	<0.50	10	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	28	2.4	1.6	<0.50	<0.50	<0.50	--	--	--	--	3.20
			08/04/14	18.34	0.67	-0.41	0	No	**Monitoring well not sampled - gauged only**																						
			02/26/15	13.68	5.33	4.66	0	No	63	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	1.0

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			06/24/95	13.80	0.45	-1.11	0	No	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/25/95	15.10	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/08/95 a	16.51	-2.26	-1.41	0	No	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/08/95 b	17.77	-3.52	-1.26	0	No	200 c	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/08/96	7.79	6.46	9.98	0	No	310	93	0.95	0.62	4.10	2,100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/29/96	13.27	0.98	-5.48	0	No	180	9.70	12	1.70	8.10	730	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/27/96	16.50	-2.25	-3.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/18/96	17.08	-2.83	-0.58	0	No	91	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/20/97	8.78	5.47	8.30	0	No	<50	2.30	<0.50	<0.50	0.87	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/27/97	15.23	-0.98	-6.45	0	No	91	<0.50	<0.50	<0.50	0.62	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/97	16.88	-2.63	-1.65	0	No	81	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/25/97	15.92	-1.67	0.96	0	No	110	1.40	1.10	0.55	3.10	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/12/98	5.72	8.53	10.20	0	No	100 d	0.53	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/21/98	11.64	2.61	-5.92	0	No	120	1.40	<0.50	<0.50	<0.50	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/17/98	15.12	-0.87	-3.48	0	No	110	110	<0.50	<0.50	<0.50	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/19/98	16.11	-1.86	-0.99	0	No	100 f	1.20	<0.50	0.50	0.88	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/15/99	10.88	3.37	5.23	0	No	110 d	<0.50	<0.50	<0.50	8.80	8.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/13/99	12.67	1.58	-1.79	0	No	98	<0.50	<0.50	<0.50	<0.50	7.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/10/99	15.40	-1.15	-2.73	0	No	120 e	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/09/99	16.22	-1.97	-0.82	0	No	120 d	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/00	10.07	4.18	6.15	0	No	133 d	<0.50	<0.50	<0.50	<0.50	13.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			05/18/00	13.55	0.70	-3.48	0	No	114 d	<0.50	<0.50	<0.50	<0.50	24.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/09/00	16.50	-2.25	-2.95	0	No	180 i	0.53	2.09	<0.50	2.19	7.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			11/08/00	16.33	-2.08	0.17	0	No	131	<0.50	<0.50	<0.50	<0.50	2.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/14/01	13.07	1.18	3.26	0	No	175 d	<0.50	0.54	<0.50	0.69	13.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.46	--
			08/15/01	16.55	-2.30	-3.48	0	No	390	3.40	38	16	110	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/13/02	12.42	1.83	4.13	0	No	100 d	1.40	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/26/02	16.21	-1.96	-3.79	0	No	310	7.20	33	4.60	76	<2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/18/03	12.08	2.17	4.13	0	No	400	64	<1.0	<1.0	6.40	210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/21/03	15.29	-1.04	-3.21	0	No	310	3.30	4.30	1.10	14.00	2.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/04	12.01	2.24	3.28	0	No	360	13	<0.50	<0.50	<1.0	73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/04	16.04	-1.79	-4.03	0	No	50,000	740	830	2,200	20,000	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		18.89 †	03/10/05	9.48	9.41	--	0	No	530	7.80	<1.0	<1.0	2.40	320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	15.07	3.82	-5.59	0	No	350	12	6.3	2.5	32	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	11.82	7.07	3.25	0	No	460	2.8	<0.50	<0.50	<1.0	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	15.04	3.85	-3.22	0	No	370 n,p	<0.50	<0.50	<0.50	<0.50	9.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			MONITORING WELL DESTROYED ON 01/02/2007																												
MW-6	13 - 19	19.07 ††	01/26/07	14.79	4.28	--	0	No	67,000 k	380 k	8,600 k	3,600 k	17,000 k	62	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	--	--	--
			08/28/07	16.75	2.32	-1.96	0	No	67,000 k,q	520 k	6,300 k	4,600 k	25,000 k	100 k	--	--	--	--	--	--	<50 k,r	--	--	--	--	--	--	--	--	--	--
			02/01/08	10.80	8.27	5.95	0	No	69,000 k	720 k	5,000 k	3,100 k	21,000 k	130 k	--	--	<50 k	--	--	--	<50 k	<50 k	<50 k	<50	--	--	--	--	--	--	--
			07/03/08	16.21	2.86	-5.41	0	No	86,000 k	600 k	4,700 k	4,000 k	26,000 k	100	--	--	--	--	--	--	<0.50	<0.50	<0.50	<50	--	--	--	--	--	--	--
		19.08 †††	08/18/08	16.87	2.20	-0.66	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	15.41	3.67	1.47	0	No	57,000 k	1,200 k	15,000 k	2,700 k	13,000 k	110 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.93	2.15	-1.52	0	No	68,000 k	1,000 k	3,600 k	4,300 k	25,000 k	210 k	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
			01/18/10	14.74	4.34	2.19	0	No	54,900	2,020	8,090	3,340	17,700	171	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.31	6.77	2.43	0	No	--	--	--	--	27,600	--	31	<0.50	<1.0	<0.50	<0.50	<250	1.3	<1.0	4.5	<1.0	<1.0	3.3	<1.0	--	--	--	--
			07/14/10	15.38	3.70	-3.07	0	No	107,000	1,410	3,240	4,090	17,900	142	134	0.54	<1.0	<0.50	<0.50	<250	<1.0 x, y	<1.0	1	<1.0	<1.0	1.3	<1.0	--	--	--	--
			01/06/11	11.70	7.38	3.68	0	No	47,500	1,510	2,340	2,750	10,600	194	14.1	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.62	3.46	-3.92	0	No	62,600 k	1,820 k	7,750 k	3,540 k	14,200 k	220 k	<250 k	<25 k	<50 k	<25.0	<25.0	<12500	<50 k	<50 k	<50 k	<50.0	<50.0	<50 k	<50 k	--	--	--	--
			05/30/12 ee,S5	14.68	4.40	0.94	0	No	60,100	1,080	1,220	3,860	14,200	94.1	42.5	<0.50	<1.0	--	--	<250	<1.0	<1.0	1.6	<1.0	--	1.6	<1.0	--	--	--	--
			08/06/12 ee	17.02	2.06	-2.34	0	No	39,000	1,000	260	3,800	8,200	140.0	<50	<10	<10	<10	<10	<100	<10	<10	<10	<10	<10	<10	<10	--	--	--	--
			02/14/13	14.28	4.80	2.74	0	No	45,000	1,000	1,600	2,800	7,300	130	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	--	--	--	--	820
			07/08/13	17.30	1.78	-3.02	0	No	17,000	800	63	2,300	2,300	150	29	<4.0	<4.0	<4.0	<4.0	<40	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	--	--	--	--	620
			01/28/14	17.88	1.20	-0.58	0	No	15,000	810	44	1,700	870	86	27	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	--	--	--	520
			08/04/14	18.15	0.93	-0.27	0	No	23,000	1,100	160	2,700	2,900	110	43	<2.5	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	--	--	--	750
			02/26/15	13.49	5.59	4.66	0	No	26,000	1,500	1,700	<5.0	4,800	110	<50	<5.0	<5.0	<5.0	<5.0	<40	--	--	--	--	<5.0	--	--	--	--	--	870
MW-7	22 - 25	21.74 ††	01/26/07	17.17	4.57	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	100 k	--	--	--	--	--	--	--	--	--	--
			08/28/07 u	19.19	2.55	-2.02	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	-- s	--	--	--	--	--	--	--	--	--	--	--
			02/01/08	12.64	9.10	6.55	0	No	160 n,w	0.99	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	84 k	7.5	15	<0.50	--	--	--	--	--	--	--	--
			07/03/08	18.60	3.14	-5.96	0	No	130 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	97	4.8	4.6	<0.50	--	--	--	--	--	--	--	--
			08/18/08	19.34	2.40	-0.74	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	17.80	3.94	1.54	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	19.20	2.54	-1.40	0	No	150 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	130 k	7.2	8.0	<0.50	--	--	--	--	--	--	--	--
			01/18/10	17.17	4.57	2.03	0	No	191	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	14.83	6.91	2.34	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	172	12.5	14.5	<1.0	<1.0	<1.0	1.3	--	--	--	--
			07/14/10	17.78	3.96	-2.95	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	69.5 x, y	5.2	5.3	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			01/06/11	14.13	7.61	3.65	0	No	99.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	62.4	--	--	--	<1.0	--	--	--	--	--	--	--
			02/02/12	18.07	3.67	-3.94	0	No	176.0 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	165	8.6	10	<1.0	<1.0	<1.0	1.6	--	--	--	--
			05/30/12 ee	17.00	4.74	1.07	0	No	304	<0.50	<0.50	4.3	21.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	169	9.5	8.2	<1.0	<1.0	<1.0	1.2	--	--	--	--
			08/06/12	19.50	2.24	-2.50	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	21.74	5.05	2.81	0	No	220 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	110	8.1	6.7	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.51	4.23	-0.82	0	No	**Monitoring well not sampled - gauged only**																						

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-7 (cont'd)			01/28/14	20.38	1.36	-2.87	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	110	8.3	6.8	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	20.78	0.96	-0.40	0	No	**Monitoring well not sampled - gauged only**																						
			02/26/15	15.72	6.02		0	No	100	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-8	17 - 30	18.42 ††	01/26/07	14.09	4.33	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	26	--	--	--	--	--	--	--	--	--	--
			08/28/07	15.98	2.44	-1.89	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	15 r	--	--	--	--	--	--	--	--	--	--
			02/01/08	9.66	8.76	6.32	0	No	59 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	29	1.5	0.70	<0.50	--	--	--	--	--	--	--
			07/03/08	14.57	3.85	-4.91	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	18	1.1	<0.50	<0.50	--	--	--	--	--	--	--
			08/18/08	16.11	2.31	-1.54	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	14.64	3.78	1.47	0	No	77 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.16	2.26	-1.52	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	19	1.3	<0.50	<0.50	--	--	--	--	--	--	--
			01/18/10	14.03	4.39	2.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	11.53	6.89	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	31.6	1.7	<2.0	<1.0	<1.0	<1.0	1.7	--	--	--	--
			07/14/10	14.69	3.73	-3.16	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	15.4 x, y	1.2	<1.0	<1.0	<1.0	<1.0	1.3	--	--	--	--
			01/06/11	11.09	7.33	3.60	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	14.9	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	14.90	3.52	-3.81	0	No	64.4 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	24.8	1.4	<1.0	<1.0	<1.0	<1.0	1.4	--	--	--	--
			05/30/12	14.09	4.33	0.81	0	No	**Monitoring well not sampled - gauged only**																						
			08/06/12	16.23	2.19	-2.14	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	18.42	4.81	2.62	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			07/08/13	16.85	1.57	-3.24	0	No	**Monitoring well not sampled - gauged only**																						
			08/04/14	17.50	0.92	-0.65	0	No	**Monitoring well not sampled - gauged only**																						
			02/26/15	12.81	5.61	4.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-9	11.5 - 15	19.42 ††	01/26/07	14.90	4.52	--	0	No	<50 n,q	<0.50	<0.50	<0.50	0.73	<0.50	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--
			08/28/07	14.98	4.44	-0.08	0	No	**Monitoring well not sampled - reported as dry**																						
			2/1/2008	10.50	8.92	4.48	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	10	0.88	0.85	<0.50	--	--	--	--	--	--	--
			07/03/08	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			03/30/10	12.62	6.80	--	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	6.7	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			01/06/11	11.90	7.52	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	6.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			05/30/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			08/06/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			02/14/13 gg	14.37	5.05	--	0	No	<50	<0.50	<0.50	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	8.1	0.56	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**																						
			01/28/14	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**																						
			08/04/14	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**																						
			02/25/15	13.62	5.80	0.75	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-10	6 - 13.5	19.17 †††	08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			03/30/10	12.47	6.70	--	0	No	**Monitoring well not sampled - insufficient water column**																						
			07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			01/06/11	12.16	7.01	--	0	No	**Monitoring well not sampled - gauged only**																						
			02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**																						
			MONITORING WELL DESTROYED ON 04/11/2012																												
MW-10R	6 -- 21	19.11 †††††	05/30/12 ee, ss	15.02	4.09	--	0	No	89,300	77.0	103	5,670	27,900	5.0	6.3	<0.50	<1.0	--	--	<250	<1.0	<1.0	16.1	<1.0	--	2.9	<1.0	--	--	--	--
			08/06/12 ee	17.26	1.85	-2.24	0	No	47,000	53.0	<20	3,300	12,000	<20	<90	<20	<20	<20	<20	<100	<20	<20	<20	<20	<20	<20	<20	--	--	--	--
			02/14/13	14.69	4.42	2.57	0	No	49,000	38	<15	2,500	10,000	<15	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	1,300
			07/08/13	17.65	1.46	-2.96	0	No	56,000	31	<15	2,000	7,500	<15	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	970
			01/28/14	18.22	0.89	-0.57	0	No	56,000	28	<15	2,600	9,200	<15	<70	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	1,100
			08/04/14	18.51	0.60	-0.29	0	No	27,000	31	9	2,000	6,900	0.8	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	<0.50	3.0	<0.50	<0.50	1.0	--	--	--	630
			02/26/15	13.77	5.34	4.74	0	No	9,800	12	<2.5	670	1,400	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<50	--	--	--	--	<2.5	--	--	--	--	--	380
MW-11	5 - 15	19.23 †††	08/18/08	14.71	4.52	--	0	No	**Monitoring well not sampled - gauged only**																						
			01/30/09	14.80	4.43	-0.09	0	No	**Monitoring well not sampled - insufficient water column**																						
			07/30/09	14.83	4.40	-0.03	0	No	**Monitoring well not sampled - insufficient water column**																						
			01/18/10	14.62	4.61	0.21	0	No	**Monitoring well not sampled - insufficient water column**																						
			03/30/10	12.52	6.71	2.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	14.53	4.70	-2.01	0	No	**Monitoring well not sampled - insufficient water column**																						
			01/06/11	13.05	6.18	1.48	0	No	**Monitoring well not sampled - gauged only**																						
			02/02/12	14.68	4.55	-1.63	0	No	**Monitoring well not sampled - gauged only**																						
			05/30/12 ee	14.25	4.98	0.43	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	--	--	--
			08/06/12 gg	14.48	4.75	-0.23	0	No	**Monitoring well not sampled - insufficient water column**																						
			02/14/13 gg	14.08	5.15	0.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			MONITORING WELL DESTROYED ON 03/15/2013																												
MW-12B	19 - 29	18.68 †††	08/18/08	16.99	1.69	--	0	No	290 n	<0.50	<0.50	0.70	1.9	3.5 k	<10.0	<0.50	<0.50	--	--	<250	270 k	36	41	<0.50	--	--	--	--	--	--	--
			01/30/09	15.50	3.18	1.49	0	No	1,300 k	<1.2 k	<1.2 k	2.3 k	7.7 k	<1.2 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.07	1.61	-1.57	0	No	300 k,n,w	<1.0 k	<1.0 k	<1.0 k	2.9 k	1.5 k	--	--	--	--	--	--	--	170 k	25 k	39 k	<1.0	--	--	--	--	--	--
			01/18/10	14.97	3.71	2.10	0	No	221	1.9	1.7	1.7	5.8	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.24	6.44	2.73	0	No	<50.0	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	221	29.4	37.6	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	15.55	3.13	-3.31	0	No	296 aa	<0.50	<0.50	<0.50	<1.5	2.10	<5.0	<0.50	<1.0	<0.50	<0.50	<250	139 x,y,z	19.7	28.1	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			01/06/11	11.81	6.87	3.74	0	No	243 bb	<0.50	<0.50	<0.50	<1.5	0.60	<5.0	<0.50	<1.0	<0.50	<0.50	<250	152	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.77	2.91	-3.96	0	No	283 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	221	17.6	28.7	<1.0	<1.0	<1.0	<1.0	--	--	--	--

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-12B (Cont'd)			05/30/12	14.92	3.76	0.85	0	No	**Monitoring well not sampled - gauged only**																						
			08/06/12 ee	17.12	1.56	-2.20	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	110	13	19	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			02/14/13	19.50	-0.82	-2.38	0	No	280 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	140	15	18	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.50	1.18	2.00	0	No	200 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	120	13	17	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	18.01	0.67	-0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	110	11	15	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	18.41	0.27	-0.40	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	88	9.8	15	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			02/25/15	13.72	4.96	4.69	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-13B	21 - 31	19.14 †††	08/18/08	16.92	2.22	--	0	No	300 n	3	0.98	<0.50	5.4	3.5 k	<10.0	<0.50	<0.50	--	--	<250	280 k	33 k	32	<0.50	--	--	--	--	--	--	--
			01/30/09	15.41	3.73	1.51	0	No	430 k,n,w	<1.2 k	<1.2 k	<1.2 k	<2.5 k	<1.2 k	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.00	2.14	-1.59	0	No	390 k,n,w	4.9 k	<1.0 k	<1.0 k	<2.0 k	3.0 k	--	--	--	--	--	--	--	160 k	20 k	14 k	<1.0	--	--	--	--	--	--	--
			01/18/10	14.81	4.33	2.19	0	No	314	<0.50	<0.50	<0.50	<1.5	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.10	7.04	2.71	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	460	42.6	45.5	<1.0	<1.0	<1.0	2.4	--	--	--	--
			07/15/10	15.47	3.67	-3.37	0	No	1,340	145	<0.50	4.0	<1.5	91.3	96.6	<0.50	<1.0	<0.50	<0.50	<250	139 x, y	22.9	20.1	<1.0	<1.0	1.1	1.3	--	--	--	--
			01/06/11	11.79	7.35	3.68	0	No	403 bb	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<0.50	<1.0	<0.50	<0.50	<250	233	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.70	3.44	-3.91	0	No	216 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	146	13.9	11.1	<1.0	<1.0	<1.0	1.1	--	--	--	--
			05/30/12 ee	14.82	4.32	0.88	0	No	2,110	321 dd	0.75	2.7	6.7	90.8	45.3	<0.50	<1.0 dd	--	--	<250	189 dd	19.4	17.5	<1.0	--	1.2	<1.0	--	--	--	--
			08/06/12 ee	17.07	2.07	-2.25	0	No	230 cc	<0.50	<0.50	<0.50	<0.50	2.5	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	150	17	14	<0.50	<0.50	<0.50	1.2	--	--	--	--
			02/14/13	14.33	4.81	2.74	0	No	820	150	<0.50	0.94	0.64	28	8.1	<0.50	<0.50	<0.50	<0.50	<8.0	140	16	15	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.40	1.74	-3.07	0	No	240 cc	<0.50	<0.50	<0.50	<0.50	0.73	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	160	16	11	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	17.95	1.19	-0.55	0	No	330 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	140	14	8.9	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	18.30	0.84	-0.35	0	No	270 cc	0.88	<0.50	<0.50	<0.50	1.6	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	130	13	7.2	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			02/26/15	13.61	5.53	4.69	0	No	290	35.00	<0.50	<0.50	<0.50	5.5	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	6.3
MW-14B	18.8 - 28.8	18.47 †††	08/18/08	16.26	2.21	--	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	21	1.4	0.83	<0.50	--	--	--	--	--	--	--
			01/30/09	14.81	3.66	1.45	0	No	85 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	16.31	2.16	-1.50	0	No	61 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	27	1.8	0.77	<1.0	--	--	--	--	--	--	--
			01/18/10	14.20	4.27	2.11	0	No	<50	<0.50	<0.50	0.52	<1.5	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	11.78	6.69	2.42	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	38.4	2.5	<2.0	<1.0	<1.0	<1.0	2.7	--	--	--	--
			07/14/10	14.80	3.67	-3.02	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	19.9 x, y	1.6	1.1	<1.0	<1.0	<1.0	2.5	--	--	--	--
			01/06/11	11.18	7.29	3.62	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	24.3	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	15.05	3.42	-3.87	0	No	75.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	28.1	1.4	1.0	<1.0	<1.0	<1.0	2.7	--	--	--	--
			05/30/12 ee	14.20	4.27	0.85	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	30	1.7	<1.0	<1.0	--	<1.0	2.5	--	--	--	--
			08/06/12	16.44	2.03	-2.24	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	13.74	4.73	2.70	0	No	59 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	21	1.4	0.82	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	17.10	1.37	-3.36	0	No	**Monitoring well not sampled - gauged only**																						
			08/04/14	17.68	0.79	-0.58	0	No	**Monitoring well not sampled - gauged only**																						
			02/26/15	12.97	5.50	4.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	--	<0.50
MW-15B	17 - 27	19.12 †††	08/18/08	17.32	1.80	--	0	No	61 n	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	60	2.5	1.9	--	--	--	<1.0	--	--	--	--
			01/30/09	15.80	3.32	1.52	0	No	110 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	17.40	1.72	-1.60	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	100	4.7	6.0	<0.50	--	--	--	--	--	--	--
			01/18/10	15.21	3.91	2.19	0	No	81.8	<0.50	<0.50	<0.50	<1.5	<0.50 z	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/30/10	12.69	6.43	2.52	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	82.7	2.2	3.8	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			07/14/10	15.82	3.30	-3.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	36.4 x, y	2.2	2.9	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			01/06/11	12.10	7.02	3.72	0	No	93.1 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	60.4	--	--	--	<1.0	--	--	--	--	--	--
			02/02/12	16.05	3.07	-3.95	0	No	191 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	139	4.7	6.8	<1.0	<1.0	<1.0	<1.0	--	--	--	--
			05/30/12	15.25	3.87	0.80	0	No	**Monitoring well not sampled - gauged only**																						
			08/06/12	17.35	1.77	-2.10	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	14.79	4.33	2.56	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	95	4.1	3.7	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	16.92	2.20	-2.13	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	18.33	0.79	-1.41	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	140	8.3	9	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	18.75	0.37	-0.42	0	No	**Monitoring well not sampled - gauged only**																						
			02/25/15	13.99	5.13	4.76	0	No	160	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	--	<0.50
MW-17B	21 - 27	18.75 ††††	06/07/11	13.33	5.79	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	9.3	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	--	--	--	--
			02/02/12	15.10	3.65	-2.14	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	9.5	<0.50	<1.0	--	--	<250	10.6	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	--	--	--
			05/30/12	14.14	4.61	0.96	0	No	**Monitoring well not sampled - gauged only**																						
			08/06/12	16.49	2.26	-1.39	0	No	**Monitoring well not sampled - gauged only**																						
			02/14/13	13.78	4.97	2.71	0	No	61 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	20	1.5	0.81	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	16.86	1.89	-3.08	0	No	**Monitoring well not sampled - gauged only**																						
			01/28/14	17.35	1.40	-0.49	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	14	0.94	0.54	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	17.70	1.05	-0.35	0	No	**Monitoring well not sampled - gauged only**																						
			02/25/15	13.00	5.75	4.70	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	--	<0.50
MW-18	6 -- 21	19.61 †††††	05/30/12 ee, SS	15.27	4.34	--	0	No	98,900	3,420	23,000	2,440	15,200	1,270	2,460	<0.50	<1.0	--	--	<250	14.7	2.5	3.8	<1.0	--	<1.0	<1.0	--	--	--	--
			08/06/12 ee, SS	17.60	2.01	-2.33	0	No	46,000	2,300	9,500	1,400	12,000	1,600	2,200	<15	<15	<15	<15	<150	<15	<15	<15	<15	<15	<15	<15	--	--	--	--
			02/14/13	14.90	4.71	2.70	0	No	16,000	410	1,500	370	2,500	450	1,400	<3.0	<3.0	<3.0	<3.0	<30	6.9	4.4	10	<3.0	<3.0	<3.0	--	--	--	--	140
			07/08/13	17.90	1.71	-3.00	0	No	36,000	1,900	5,500	1,200	6,400	1,000	1,200	<3.0	<3.0	<3.0	<3.0	<250 ii	3.0	<3.0	4.8	<3.0	<3.0	<3.0	--	--	--	--	320
			01/28/14	18.47	1.14	-0.57	0	No	22,000	530	1,800	560	2,600	480	1,700	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	9.2	<2.5	<2.5	6.7	--	--	--	--	160
			08/04/14	18.82	0.79	-0.92	0	No	24,000	1,300	1,500	1,000	4,200	870	1,500	<2.5	<2.5	<2.5	<2.5	<70	<2.5	<2.5	5.1	<2.5	<2.5	<7.0	--	--	--	--	260
			NS	**Monitoring well not gauged or sampled - inaccessible due to parked car**																											

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
MW-19	6 -- 21	19.06 †††††	05/30/12 ee,S5	14.85	4.21	--	0	No	15,700	13.5	14.0	427	2,180	0.83	<5.0	<0.50	<1.0	--	--	<250	12.9	1.6	6.0	<1.0	--	<1.0	1.1	--	--	--	--
			08/06/12	17.18	1.88	-2.33	--	--	**Monitoring well not sampled - gauged only**																						
			09/07/12 ee	17.63	1.43	-0.45	0	No	190	<0.50	<0.50	1.6	7.4	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	26	3	3	<0.50	<0.50	<0.50	1.1	--	--	--	--
			02/14/13	14.50	4.56	3.13	0	No	470	1.4	<0.50	44	8.2	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	12	3.2	3.0	<0.50	<0.50	<0.50	--	--	--	--	29
			07/08/13	17.50	1.56	-3.00	0	No	100	<0.50	<0.50	2.2	4.1	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	24	3.2	1.7	<0.50	<0.50	<0.50	--	--	--	--	0.63
			01/28/14	18.00	1.06	-0.50	0	No	720	0.79	<0.50	35	0.99	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	20	3.6	2.3	<0.50	<0.50	<0.50	--	--	--	--	5.1
			08/04/14	18.40	0.66	-0.40	0	No	190	<0.50	<0.50	5.8	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	14	3.0	2.0	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			02/26/15	13.69	5.37	4.71	0	No	3,000	9.7	2.0	240	160	0.8	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	240.0
MW-20	6 -- 21	19.01 ††††††	05/20/13	17.00	2.01	--	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	78	4.0	3.7	<0.50	<0.50	<0.50	--	--	--	--	<10
			07/08/13	17.70	1.31	0.70	0	No	110 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	53	3.9	4.0	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	18.21	0.80	0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	160	12	13	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			05/22/14	16.76	2.25	-1.45	0	No	140 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	74	6.5	5.4	<0.50	<0.50	<0.50	--	--	--	--	<0.50
MW-20			08/04/14	18.60	0.41	1.84	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	79	7.3	6.2	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			11/24/14	18.49	0.52	0.11	0	No	300	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			02/25/15	13.86	5.15	4.63	0	No	70	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	0.6
MW-21	6 -- 21	18.52 ††††††	05/20/13	16.83	1.69	--	0	No	3,400	0.72	<0.50	150	290	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20 hh	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	82
			07/08/13	17.30	1.22	0.47	0	No	24,000	<5.0	<5.0	1,000	2,600	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	460
			01/28/14	17.87	0.65	0.57	0	No	15,000	2.7	2.3	840	1,600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	--	--	--	--	340
			05/22/14	16.34	2.18	-1.53	0	No	3,400	1.5	0.63	170	260	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<8.0 hh	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	69
			08/04/14	18.15	0.37	1.81	0	No	8,600	1.7	<1.5	480	860	<1.5	<7.0	<1.5	<1.5	<1.5	<1.5	<15 hh	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	--	--	--	--	220
			11/24/14	18.00	0.52	0.15	0	No	11,000	2.1	1.50	520	600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20.0	-	-	-	<0.50	<0.50	<0.50	--	--	--	--	320
			02/25/15	13.45	5.07	4.55	0	No	700	0.7	<0.50	55	94	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	24
MW-22	6 -- 21	20.86 †††††††	07/08/13	19.50	1.36	--	0	No	**Monitoring well not sampled - insufficient water to sample**																						
			09/24/13	19.55	1.31	-0.05	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	5.1	0.70	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	19.56	1.30	-0.01	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	24 jj	<0.50	<0.50	<0.50	<0.50	<5.0	1.2	4.60	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	20.05	0.81	-0.49	0	No	**Monitoring well not sampled - gauged only**																						
			02/25/15	14.95	5.91	5.10	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-23	21 -- 31	†††††††	07/08/13	20.10	2.23	--	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	90	10	16	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	20.63	1.70	-0.53	0	No	260 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	100	11	16	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	21.03	1.30	-0.40	0	No	210 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	100	11	15	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			02/25/15	16.10	6.23	4.93	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-24	6 -- 21	19.51 †††††††	07/08/13	18.00	1.51	--	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			09/24/13	18.79	0.72	-0.79	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			01/28/14	18.48	1.03	0.31	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			08/04/14	18.91	0.60	-0.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<0.50
			02/25/15	14.13	5.38	4.78	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<0.50	--	--	--	--	--	<0.50
MW-25	6 -- 21	18.60 †††††††	02/26/15	13.91	5.60	--	0	No	<50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	<5.0	--	--	--	--	--	<0.50
QCTB			03/10/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/11/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			09/30/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			03/01/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/02/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			12/15/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	<1.0	--	--	<250	--	--	--	--	--	--	--	--	--	--	--
			01/26/07	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	<0.50	--	--	--	--	--	--	--	--	--	--
			08/28/07	--	--	--	--	--	<500 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			02/01/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/03/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			08/18/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			01/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TB1			01/18/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			07/14/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--	--
			01/06/11	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	--	--	--	--	--	--	--	--	--	--
			02/02/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--	--
			05/30/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	<0.50	<1.0	<1.0	--	--	<1.0	<1.0	--	--	--	--
			08/06/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	--	--	<5.0	<0.50	<1.0	<0.50	--	--	<0.50	<0.50	--	--	--	--
			02/14/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	--	<0.50	--	--	--	--	--
			05/20/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			07/08/13	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	<0.50
			01/28/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
			05/22/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
			08/04/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	<0.50	--	--	--	--	--
			02/26/15	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	<0.50	--	--	--	--	--
			CRWQCB ESLs (Potential Drinking Water Resource):						**100**	**1.0**	**40**	**30**	**20**	**5.0**	**12**	**--**	**0.50**	**--**	**--**	**--**	**5.0**	**5.0**	**6.0**	**10**	**--**	**0.50**	**70**	**--**	**--**	**--**	**6.2**

Notes:

<	Denotes less than Practical Quantitation Limit (PQL) or Minimum Detection Level (MDL)	TOC	Top of Casing	GRO	Gasoline range organics	1,2-DCA	1,2-dichloroethane	DIPE	Diisopyopyl ether
--	Not analyzed/applicable/measured	GW	Groundwater	BTEX	Benzene, toluene, ethylbenzene, xylenes	PCE	Tetrachloroethylene	ETBE	Ethyl-butyl ether
CRWQCB	California Regional Water Quality Control Board	GWE	Groundwater Elevation	MTBE	Methyl tert-butyl ether	TCE	Trichloroethylene	EDB	1,2-Dibromoethane
ESLs	Environmental Screening Levels	NAPL	Non-aqueous phase liquid	TBA	Tert-butyl alcohol	cis-1,2-DCE	cis-1,2-dichloroethylene	VC	Vinyl chloride
EPA	U.S. Environmental Protection Agency	µg/L	micrograms per liter	TAME	Tert-amyl methyl ether	trans-1,2-DCE	trans-1,2-dichloroethylene		
QCTB & TB1	Trip blank samples for quality control	mg/L	milligrams per liter						

TABLE 4
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4]	PCE [4] (µg/L)	TCE [4] (µg/L)	cis-1,2-DCE [4] (µg/L)	trans-1,2-DCE [4] (µg/L)	EDB [4] (µg/L)	VC [4] (µg/L)	Chloroform [4] (µg/L)	Sulfide (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)																		

♦ The elevations were surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
† TOC elevations were surveyed by Morrow Surveying on August 13, 2005 to the NAVD 88 datum by GPS observations.
†† TOC elevations were surveyed by Morrow Surveying on January 16, 2007 to the NAVD 88 datum by GPS observations.
††† TOC elevations were surveyed by Mid Coast Engineers on August 18, 2008 to the NAVD 88 datum by GPS observations.
†††† TOC elevation was surveyed by Mid Coast Engineers on June 6, 2011 to the NAVD 88 datum by GPS observations.
††††† TOC elevation was surveyed by Mid Coast Engineers on May 25, 2012 to the NAVD 88 datum by GPS observations.
†††††† TOC elevation was surveyed by Morrow Surveying on May 16, 2013 to the NAVD 88 datum by GPS observations.
††††††† TOC elevation was surveyed by Morrow Surveying on July 1, 2013 to the NAVD 88 datum by GPS observations.
†††††††† TOC elevation was surveyed by Morrow Surveying on February 6, 2015 to the NAVD 88 datum by GPS observations.

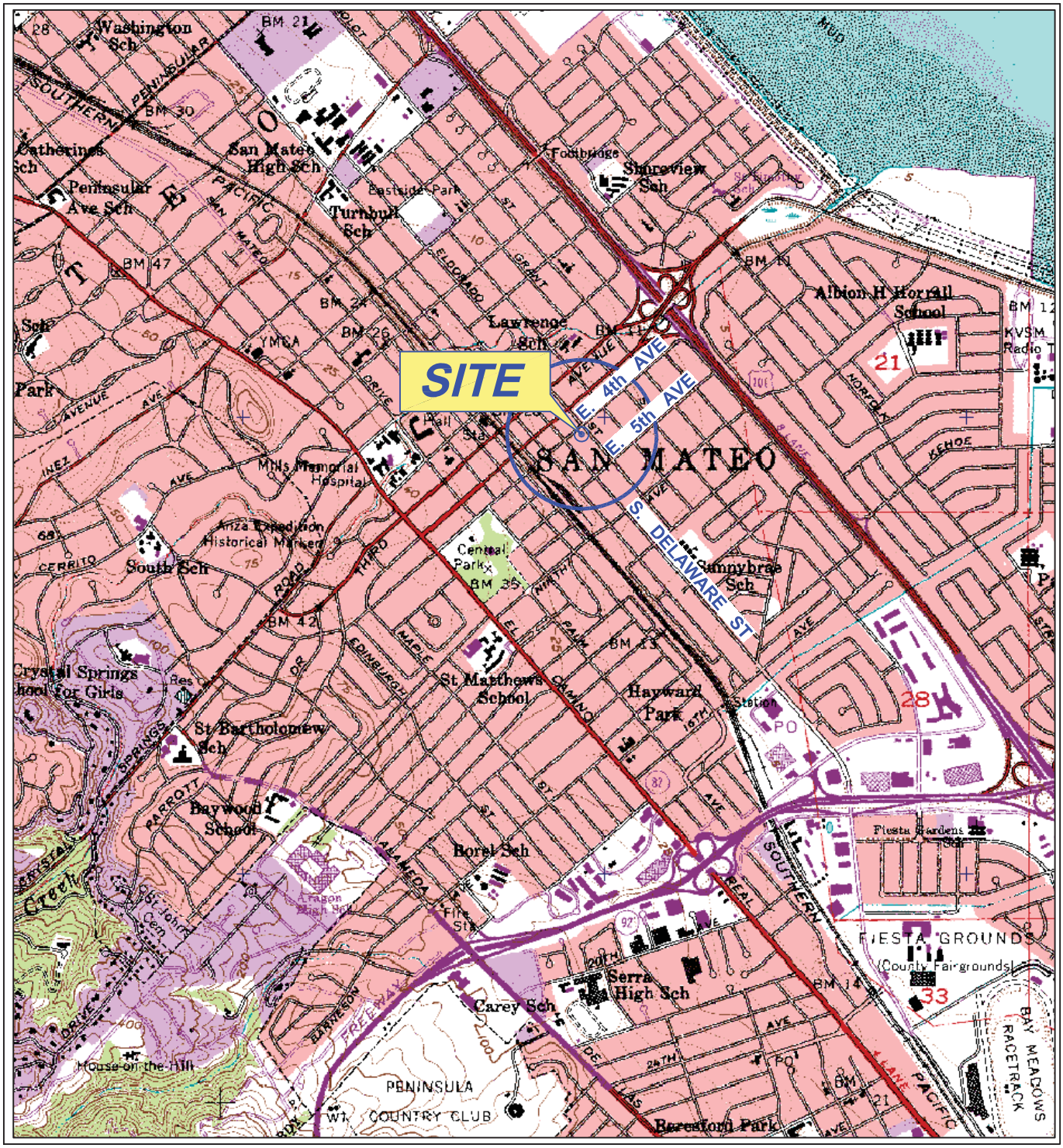
1 Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
2 Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
3 Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4 Analyzed by EPA Method 8260B.
5 Analyzed by EPA Method 8270C.

a The presence of MTBE was potentially identified at reportable levels.
b The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
c The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
d Chromatograph pattern: unidentified hydrocarbons C6-C12
e Chromatograph pattern: weathered gasoline: C6-C12
f Chromatograph pattern: discrete peaks C8-C12
g Chromatograph pattern: discrete peaks
h Sample was additionally run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
i Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
j The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
k Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")
l Detection limit raised due to sample dilution
m Estimated value
n Chromatogram not typical of gasoline.
o The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.
p TPPH was positive due to PCE present in the sample.
q PCE, TCE, and/or 1,2-DCE were subtracted from the gasoline range TPPH, or GRO.
r Sample hold time was exceeded.
s Not enough sample to re-run for PCE.
t First run did not pass, sample had to be diluted due to not enough sample. Only one voa submitted to lab.
u Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007
v Sample also analyzed for TPH-diesel (reported at a concentration of 28,000, with the chromatogram reporting a diesel and non-diesel mixture (<C16, >C22)
w Result was positive due to PCE and TCE present in the sample.
x Data from re-sampling event on 3/30/2010.
y "L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
z "M0" = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory reporting limits.
aa "T4" = Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.
bb "1n" = The GRO result for this sample did not match the pattern of the laboratory standard for gasoline, likely due to the presence of PCE in the sample
cc Primary compounds not found in typical gasoline
dd "M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.
ee samples also tested for full VOCs, refer to laboratory analytical report for full list of analytes and results.
ff Sample also analyzed for organic lead (result was 'non-detect')
gg Groundwater sample collected may represent casing water trapped in the well bottom.
S5 Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).
hh The method reporting limit for ethanol has been increased due to the presence of an interfering compound.
ii Repeat analysis of GRO yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
jj Repeat analysis for TBA yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
kk original GRO testing indicated that the primary compounds were not found in typical gasoline. These values were recalculated under the 'Gasoline Hydrocarbon' parameter, calculated by adding up the chromatographic peaks between hexane and dodecan (C6 to C12), subtracting the non-gasoline compounds (primarily dichloroethene, Trichloroethene, and tetrachloroethene), and comparing against a gasoline calibration curve.

Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and 7/30/09, and by Pace Analytical / Kiff Analytical between 1/18/10 and the present.

Figures

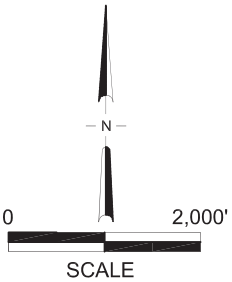
Figure 1 Site Location Map
Figure 2A Site Plan
Figure 2B Extended Site Plan
Figure 3 GRO and Benzene Vapor Concentration Map
Figure 4A Groundwater Elevation Contour Map—Shallow Screened Wells—February 25, 2015
Figure 4B Groundwater Elevation Contour Map—Deep Screened Wells—February 25, 2015
Figure 5 Dissolved Phase GRO Isoconcentration Map—Shallow Screened Wells—February 26, 2015
Figure 6 Dissolved Phase Benzene Isoconcentration Map—Shallow Screened Wells—February 26, 2015



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



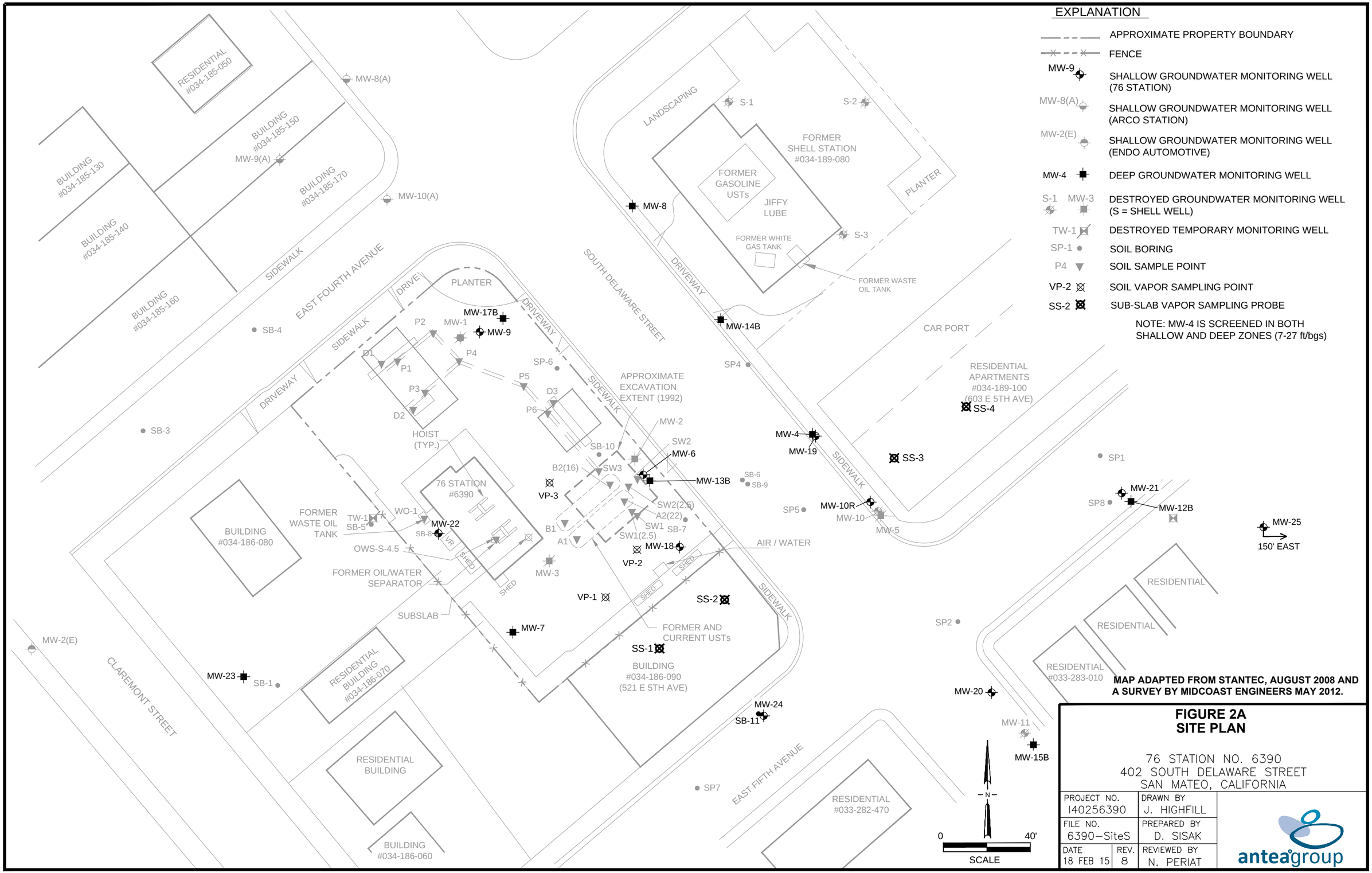
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup

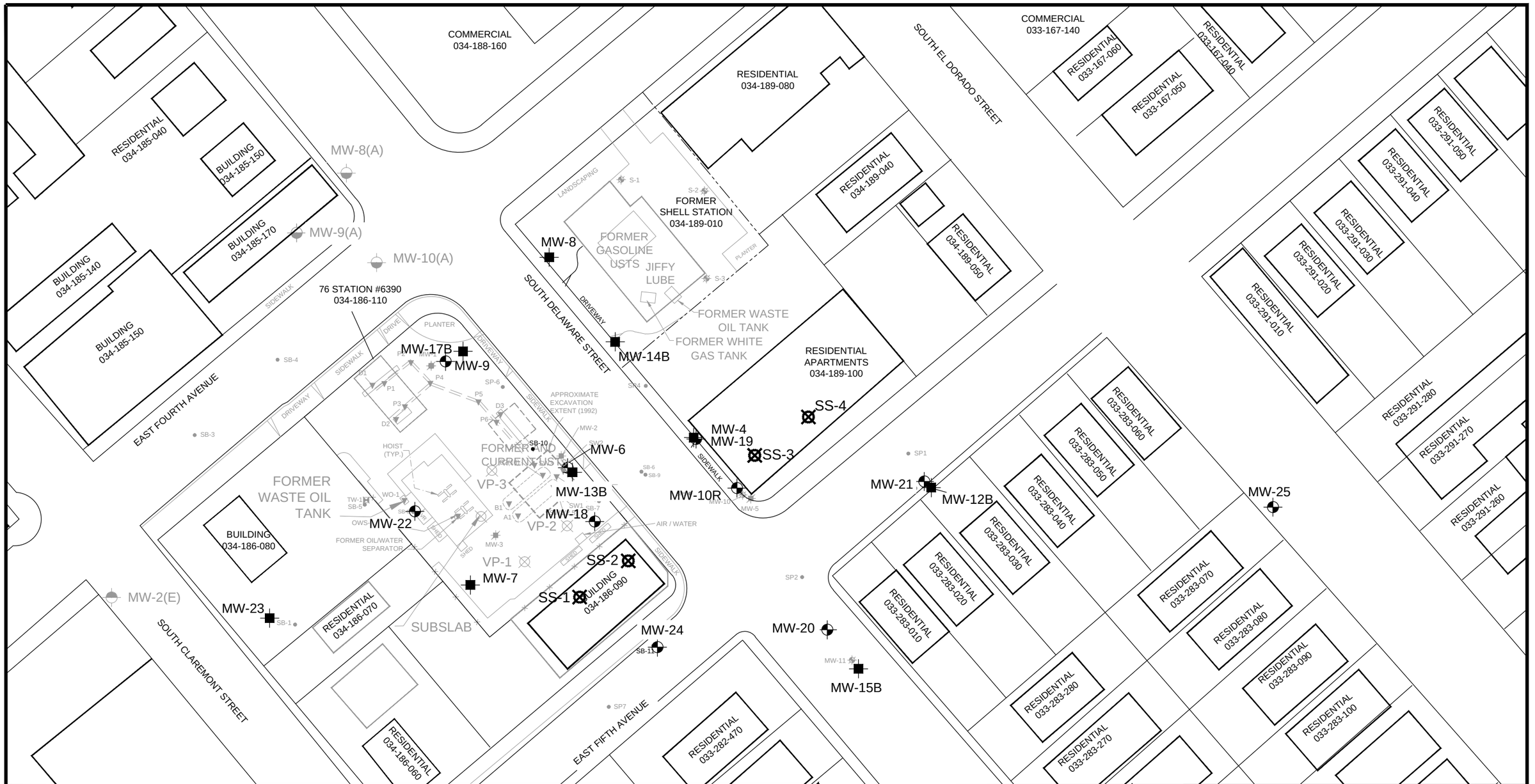


MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2A
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390–SiteS		PREPARED BY D. SISAK	
DATE 18 FEB 15	REV. 8	REVIEWED BY N. PERIAT	antea group



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

N

0 60'

SCALE

FIGURE 2B
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY K. MARTIN	
FILE NO. 6390-ExS100		PREPARED BY K. THORNLEY	
DATE 21 APR 15	REV. 5	REVIEWED BY N. PERIAT	

antea group

UTILITY EXPLANATION

- E — UNDERGROUND ELECTRICAL LINE
- W — UNDERGROUND WATER LINE
- S — UNDERGROUND SEWER LINE
- C — UNDERGROUND COMMUNICATIONS LINE
- G — UNDERGROUND GAS LINE
- TS — TRAFFIC SYSTEM LINE
- U — UNKNOWN UTILITY LINE
- AREA LIGHT

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

NOTES:
GRO = GASOLINE RANGE ORGANICS
< = BELOW LABORATORY INDICATED REPORTING LIMIT

ALL CONCENTRATIONS ARE GIVEN IN µg/m³ (MICROGRAMS PER METER CUBED)

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

Date	GRO	Benzene
8/23/13	<3800	<2.1
1/14/14	<3800	2.0

Date	GRO	Benzene
8/22/13	<3800	<2.0
2/20/14	<3800	0.54
1/14/15	4300	<0.420

Date	GRO	Benzene
8/22/13	<3800	<2.5
1/21/14	<3800	<1.6

Date	GRO	Benzene
8/22/13	<3800	<2.9
2/20/14	<3800	0.61
1/14/15	<3800	0.39

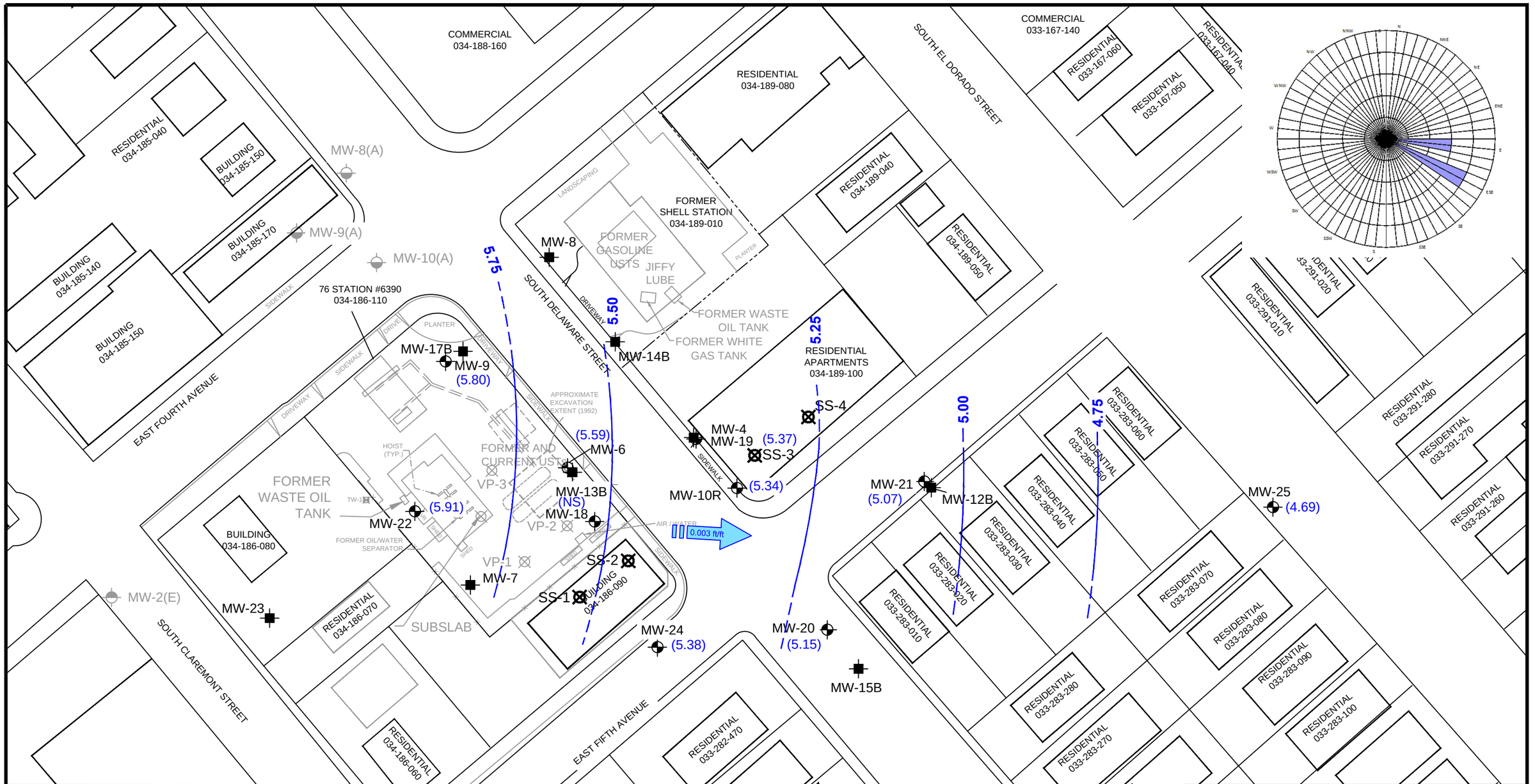
Date	GRO	Benzene
8/23/13	<3800	<2.3
1/14/14	<3800	<1.6

Date	GRO	Benzene
8/22/13	<3800	<1.9
2/20/14	14,000	0.12

FIGURE 3
GRO AND BENZENE VAPOR CONCENTRATION MAP
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390	DRAWN BY J. HIGHFILL
FILE NO. 6390–SiteS	PREPARED BY D. SISAK
DATE 8 APR 15 / REV. 8	REVIEWED BY N. PERIAT

antea group



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- (5.60) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (ft/msl)
- (NS) NOT SAMPLED - WELL NOT SAMPLED BECAUSE WELL WAS PARKED OVER AND INACCESSIBLE DURING TWO DAYS OF SAMPLING
- 5.50 GROUNDWATER CONTOUR LINE (ft/msl); DASHED WHERE INFERRED CONTOUR INTERVAL =0.25 ft
- 0.003 ft/ft APPROXIMATE GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT (ft/ft)

N

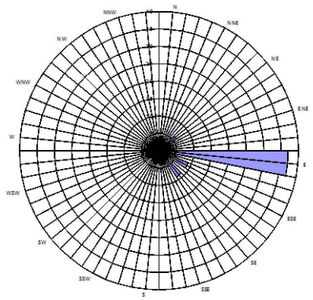
0 60'

SCALE

FIGURE 4A
GROUNDWATER ELEVATION CONTOUR MAP
SHALLOW SCREENED WELLS - FEBRUARY 25, 2015
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390–ExS100		PREPARED BY D. SISAK	
DATE 17 APRIL 15	REV. 5	REVIEWED BY N. PERIAT	

antea group



EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- MW-9 — SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

- (0.79) — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (ft/msl)
- 0.75 — GROUNDWATER CONTOUR LINE (ft/msl); DASHED WHERE INFERRED CONTOUR INTERVAL =0.25 ft
- 0.003 ft/ft — APPROXIMATE GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT (ft/ft)

MW-25 150' EAST

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

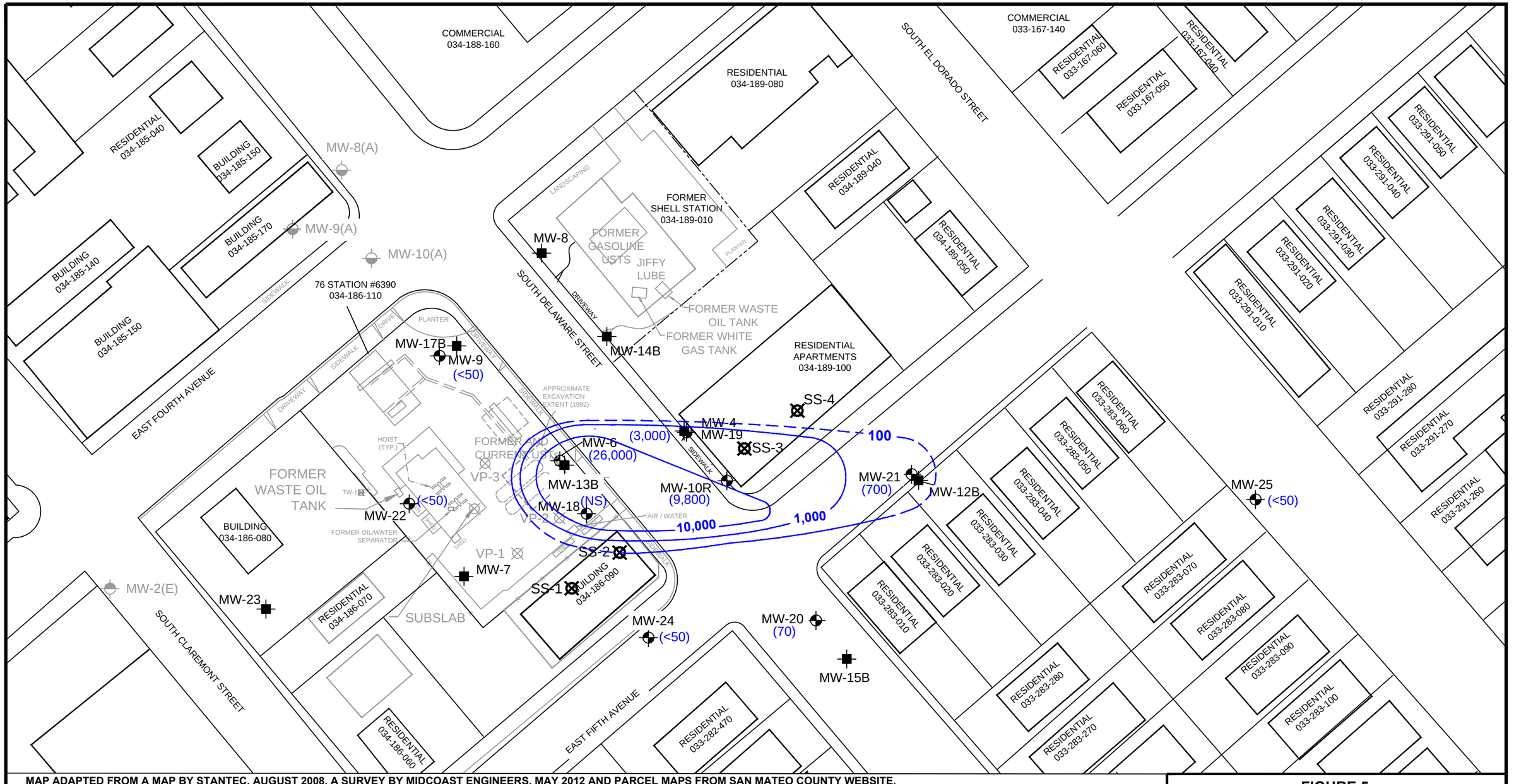
FIGURE 4B
GROUNDWATER ELEVATION CONTOUR MAP DEEP SCREENED WELLS - FEBRUARY 25, 2015

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390-SiteS	D. SISAK
DATE: 16 APR 15 / REV.: 7	REVIEWED BY: N. PERIAT

antea group

SCALE: 0 — 40'



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 100 — DISSOLVED PHASE GRO ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (700) DISSOLVED PHASE GRO CONCENTRATION (ug/L);
- <50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER
- NS NOT SAMPLED
- GRO GASOLINE RANGE ORGANICS

N

0 60'

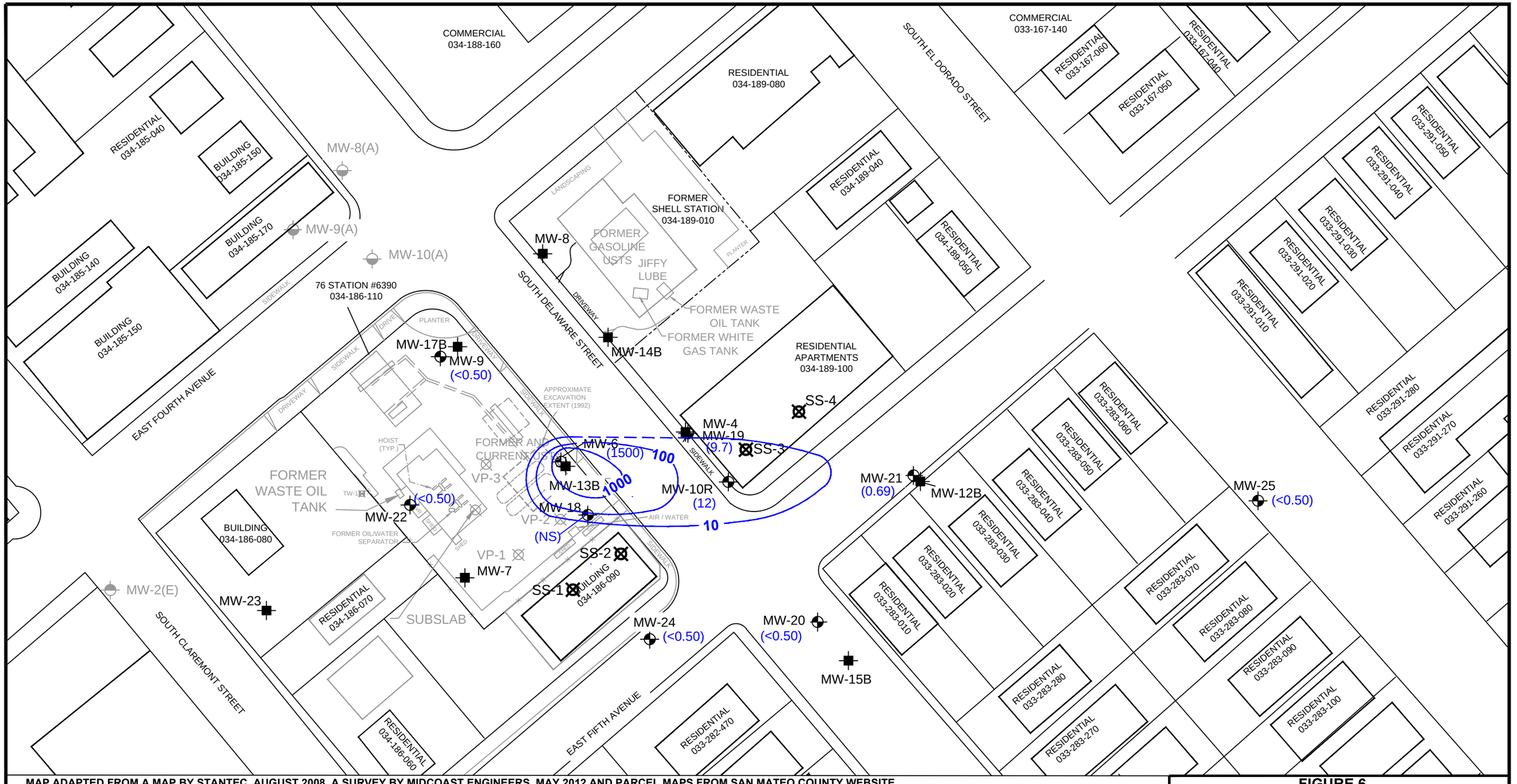
SCALE

FIGURE 5
DISSOLVED PHASE GRO ISOCONCENTRATION MAP SHALLOW SCREENED WELLS - FEBRUARY 26, 2015

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-ExS100		PREPARED BY D. SISAK	
DATE 17 APRIL 15	REV. 5	REVIEWED BY N. PERIAT	

antea group



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- SHALLOW GROUNDWATER MONITORING WELL (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 100 DISSOLVED PHASE BENZENE ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (12) DISSOLVED PHASE BENZENE ISOCONCENTRATION (ug/L)
- µg/L MICROGRAMS PER LITER
- NS NOT SAMPLED
- <0.50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT

N

0 60'

SCALE

FIGURE 6

DISSOLVED PHASE BENZENE ISOCONCENTRATION MAP SHALLOW SCREENED WELLS - FEBRUARY 26, 2015

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-ExS100		PREPARED BY D. SISAK	
DATE 16 APRIL 15	REV. 5	REVIEWED BY N. PERIAT	

antea group

Appendix A

Agency Correspondence & Permits

San Mateo County
Health System

October 29, 2014

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

Antea Group has uploaded the following documents to the State GeoTracker (GeoTracker) database: 1) subsurface vapor sampling report dated May 29, 2014; 2) tetrachloroethene (PCE) source evaluation report dated October 8, 2014; and 3) groundwater monitoring report dated October 8, 2014. Thank you for the attention to project management demonstrated by these reports. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these reports and the project file.

PCE Source Evaluation Report

Section 1.1 states the fuel release at the subject site was caused by activities related to a well being drilled next to one of the USTs. This was not stated in November 1992 UST removal report which simply states a 9-inch-long crack was observed in the super unleaded fuel UST after it was removed (no mention of drilling causing the rupture or the release). Moreover, our permit records indicate the oldest drilling permit issued for the subject site was for MW-1 in May 1994. Please verify your information if it will be used in future documents.

Section 2.2.3 proposes to re-designate MW-20 as a deep well based on the PCE concentrations in the groundwater samples from this well and reportedly, the deeper groundwater occurrence in this well. GPP staff do not support this proposal. Any decision to re-classify MW-20 as a deep well should be solely based on the portion of the saturated zone monitored. The groundwater elevations in MW-15B and MW-20 are very similar on the three dates in which both wells were gauged (2.20 versus 1.31 on July 8, 2013; 0.79 versus 0.80 on January 28, 2014; and 0.37 versus 0.41 on August 4, 2014). In addition, PCE has been reported in saturated zone soil <20 feet below grade (Borings SB-4, SB-6, SB-7).

Simple inspection of the sub-slab vapor sampling results suggest some of the PCE contamination may have originated from the property at 521 E. 5th Avenue. However, the reported uses of this property are not associated with PCE use and the PCE concentrations in the groundwater samples

from recent upgradient well MW-23 are similar to those collected from the most impacted wells near the subject site (MW-7, MW-12B, MW-13B, and MW-15B). Moreover, Figure 3 indicates any sanitary sewer discharge from Wardrobe Cleaners at 335 East Fourth Avenue and possibly the former Family Cleaners facility at 412 East Third Avenue would flow past sample localities SS-1 and SP-7, MW-20, MW-12B, and MW-15B (most of the field points containing elevated PCE concentrations). Furthermore, our Certified Unified Program Agency (CUPA) inspection records indicate PCE was used at Wardrobe Cleaners (no CUPA records exist for Family Cleaners) and Appendix E in the report indicates Wardrobe Cleaners has operated since at least 1954. Hence, at this time, it appears more likely the PCE contamination originated from Wardrobe Cleaners. Therefore, at this time, GPP staff will not require the responsible party for the fuel release at the subject site to perform additional investigation of the PCE release. In addition, we will inform the DTSC that Wardrobe Cleaners does not appear to have provided correct information to the DTSC and we will request Wardrobe Cleaners to voluntarily assess the extent and impact of the PCE.

Subsurface Vapor Sampling Report

Section 3.0 considers the results from the January 14, 2014, sub-slab vapor sampling of SS-1 through SS-3 as abnormal and Section 5.0 suggests batch contamination of the Summa sampling containers may have affected the representativeness of the samples. GPP staff do not consider these conclusions justified because no trip blank sample was analyzed and the samples containing the greatest benzene concentrations (SS-2 and SS-3) were collected from the locations closest to the heart of the dissolved-phase benzene plume. Because limited subsurface vapor sampling data is available and the benzene concentrations in the January 14, 2014, samples from SS-2 and SS-3 exceed the Regional Water Quality Control Board indoor air benzene Environmental Screening Level after applying a default DTSC attenuation factor of 0.05, GPP staff consider it prudent to collect additional sub-slab vapor samples from SS-2 and SS-3 in January 2015 for analysis of gasoline compounds. Please upload to GeoTracker by **April 30, 2015**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation.

GPP staff concur the PCE concentrations reported in sub-slab vapor samples SS-1 and SS-2 indicate a potential PCE inhalation risk to the occupants of the building at 521 East 5th Avenue. Additional corrective action will be necessary to address this issue. However, as previously stated, we will not at this time require the responsible party for the fuel release at the subject site to perform this work.

The report recommends removing the sub-slab vapor probes. We cannot approve this request at this time because of the required additional sampling. Please note, even when subsurface vapor sampling for gasoline compounds is no longer necessary, it may be prudent to leave the probes in-place and transfer their ownership to the property owner and eventually the responsible party for assessment of the PCE impact.

The Electronic Data File (EDF) for the sampling of SS-4 on January 21, 2014, has not been uploaded to GeoTracker as required by State regulations. In addition, GPP staff denied EDFs #1604, 3607, and 7898 (first four numbers listed) because they contained incorrect field point names. Please immediately upload correct versions of these files to complete the vapor sampling task.

Groundwater Monitoring Report

The workplan dated October 12, 2013, recommended additional monitoring wells downgradient of MW-21. GPP staff did not consider this work necessary at the time, but now consider it appropriate to install at least one well on South El Dorado Street given the concentrations of TPHg, ethylbenzene, and naphthalene reported in the groundwater samples from MW-21. It appears a well in front of 514 S. El Dorado Street will satisfy this objective. Please upload to the State GeoTracker database by **April 30, 2015**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, and discuss the methods, findings, conclusions, and recommendations of the downgradient groundwater investigation in the previously required vapor sampling report.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Coordinator
Groundwater Protection Program

cc: State GeoTracker database
Lucile Benedetti, Trustee, 555 Laurel Avenue, Apt. 425, San Mateo, CA 94401
Shane Nolan, Platinum Energy, 30343 Canwood Street, Ste. 200, Agoura Hills, CA 91301
Nadine Periat, AnteaGroup (via nadine.periat@anteagroup.com)

ORDINANCE: 04023

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 14- 2622

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK ELDORADO ST, SAN MATEO

OWNER:
ANTEA GROUP
1155 N 1ST ST #201
SAN JOSE

WP0010141 FA0057225
NO APN LISTED
AMOUNT PAID: 577.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/ VAPOR WELL INSTALL/ DESTRUCT (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: NADINE PERIAT
SEE SPECIAL CONDITIONS NOTED ON APPLICATION

ALLISON FANG

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 12/19/2014

EXPIRATION DATE: 4/19/2015

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE

PAID
CK. NO. 682821 #577.00
DATE 12/16/14

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
DEC 16 2014
RECEIVED

2014 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☐ CONSTRUCT SOIL BORINGS
☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS 0 WELL/BORING NAMES MW-25

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

LEAD AGENCY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ NONE (i.e. voluntary)

SITE/ DRILLING INFORMATION

AGENCY CASE# 110069 ASSESSOR'S PARCEL # (REQUIRED) _____ (one per permit)
DRILLING LOCATION ADDRESS ~~Right-of-way in front of 514 S. Eldorado Street~~ CITY San Mateo ZIP 94402
500 block of Eldorado St.
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth Wells/Borings 21 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Nadine Periat
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4915 EMAIL nadine.periat@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** 12/15/14

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL ghead@cityofsanmateo.org
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: See attached LOI **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Gregg Drilling & Testing, Inc. CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@~~gregg.com~~ greggdrilling.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** _____

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER _____
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4915
CITY, STATE, ZIP San Jose, CA 95112 EMAIL nadine.periat@anteagroup.com
FIELD CONTACT NAME AND NUMBER (if known) David Sisak, 312-282-6743
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. *(Responsible Professional must be a California Professional Geologist or Civil Engineer.)*
Responsible Professional's Name (Please print legibly) Nadine Periat
Responsible Professional's Signature _____ **Date:** 12/15/14
California Professional Geologist (PG) No. 9139 **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1

FA57225

 2014 SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate & correct map of existing and proposed well/boring locations **must** be included with the permit application. The well/boring location map **must** include the following.

1. North arrow, existing & historic site features, wells, approximate property lines and any other pertinent existing & historic features and information.
2. Proposed well/boring locations to scale.

A work plan describing the drilling and construction/destruction methodology may be requested by County staff. Upon review of information on this application, and subject to approval noted below, a permit will be issued allowing well/boring owner, driller, and responsible professional to perform the specified work. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. Drilling may begin at the notified date and time whether County staff is present or not.

GENERAL CONDITIONS:

A. Well and boring construction and destruction under this permit is subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

B. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its' officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

C. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling unless special conditions are approved in writing as part of this permit. Borings lasting longer than 24 hours without a variance are considered wells.

D. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

E. A copy of the State DWR Form 188, boring logs and well construction details for all borings/wells except geotechnical borings, signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. As-built locations/dimensions **must** be finalized in subsequent report of findings submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction.

F. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

G. Permit is valid for a mobilization associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee of $264 for 2014 if GPP staff attempted to perform an inspection.

H. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

I. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

J. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

K. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

L. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, and potentially re-permit the work as a new mobilization.

SPECIAL CONDITIONS: Please e-mail drilling@smcgov.org and dmilano@smcgov.org at least 2 full days prior to drilling to notify us of your start date and time.

For Agency Use Only:
County Approval: Allison RO/FA# 534 Date: 12/16/14

2014 SUBSURFACE DRILLING PERMIT APPLICATION

SAN MATEO COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION
2000 ALAMEDA DE LAS PULGAS, SUITE 100, SAN MATEO, CA 94403
VOICE (650) 372-6200 FAX (650) 627-8244 WWW.SMCHEALTH.ORG

FEES:
$577.00 (env. borings or any wells)
$361.00 (geotechnical borings only)

ALLOW 3 FULL WORKING DAYS FOR PROCESSING PERMIT, GROUTING DATE & TIME MUST BE SCHEDULED WITH COUNTY STAFF OR AT drilling@smcgov.org AT LEAST 2 FULL WORKING DAYS IN ADVANCE BUT AT LEAST 1 FULL WORKING DAY AFTER APPLICATION SUBMITTAL

PURPOSE OF APPLICATION
☒ GROUNDWATER MONITORING / VAPOR WELL INSTALLATION ☐ CONSTRUCT SOIL BORINGS
☐ GROUNDWATER MONITORING / VAPOR WELL DESTRUCTION ☐ EXTENSION OF PERMIT # _____
NO. OF WELLS 1 NO. OF BORINGS 0 WELL/BORING NAMES MW-25

PURPOSE OF DRILLING
☒ ENVIRONMENTAL ☐ GEOTECHNICAL

LEAD AGENCY
☒ COUNTY GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ NONE (i.e. voluntary)

SITE/ DRILLING INFORMATION

AGENCY CASE# 110069 ASSESSOR'S PARCEL # (REQUIRED) _____ (one per permit)
DRILLING LOCATION ADDRESS Right-of-way in front of 514 S. Eldorado Street CITY San Mateo ZIP 94402
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth Wells/Borings 21 (feet) Drilling Method Direct Push/Hollow Stem Auger
Boring Diameter 8 inches Casing Diameter 2 inches Filter Pack Interval 5 to 21 feet bgs Screen Interval 6 to 21 feet bgs
Destruction Method(6 gallons water max per 94 lb cement, up to 5% bentonite): ☐ Pressure Grouting (provide well construction logs) ☐ Overdrilling (guide rods for total depth prior to starting required)

WELL/ BORING OWNER: (WELL/BORING OWNER NAME OR CONTACT PERSON SHOULD MATCH SIGNATURE)

NAME Antea Group CONTACT PERSON Nadine Periat
ADDRESS 1155 North 1st Street, Suite 201 CITY, STATE, ZIP San Jose, CA 95112
TELEPHONE 408-606-4915 EMAIL nadine.periat@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application and to notify the County of any known damage to the well, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: _____ **Date:** _____

PROPERTY OWNER: (NAME AS APPEARS ON ASSESSOR'S ROLES SHOULD MATCH SIGNATURE)

NAME City of San Mateo Right of Way CONTACT PERSON Gary Heap
ADDRESS 330 West 20th Avenue CITY, STATE, ZIP San Mateo, CA 94403
TELEPHONE 650-522-7336 EMAIL ghead@cityofsanmateo.org
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage to the well. (Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature on permit application.)
Property Owner's Signature: See attached LOI **Date:** _____

DRILLING COMPANY:

DRILLING COMPANY Gregg Drilling & Testing, Inc. CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road CITY, STATE, ZIP Martinez, CA 94553
Telephone 925-313-5800 EMAIL cpruner@gregg.com C57 DRILLERS LICENSE # 485165
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ **Date:** 12/12/14

CONSULTANT COMPANY:

CONSULTANT COMPANY Antea Group PROJECT MANAGER _____
ADDRESS 1155 North 1st Street, Suite 201 TELEPHONE 408-606-4915
CITY, STATE, ZIP San Jose, CA 95112 EMAIL nadine.periat@anteagroup.com
FIELD CONTACT NAME AND NUMBER (if known) David Sisak, 312-282-6743
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions "D and E" of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. (*Responsible Professional must be a California Professional Geologist or Civil Engineer.*)
Responsible Professional's Name (Please print legibly) _____
Responsible Professional's Signature _____ **Date:** _____
California Professional Geologist (PG) No. _____ **or Civil Engineer (PE) No.** _____

Please see additional pages of application for requirements, general permit conditions, instructions, and fees.

Revised every January 1



Google earth

feet 400
meters 100

Antea USA, Inc.
1155 North 1st Street, Suite 201
San Jose, CA 95112 USA
www.anteagroup.com

December 2, 2014

12/5/14
Tracy Scramaglia
Senior Engineer

Judy Dulik
City of San Mateo Public Works
330 West 20th Avenue
San Mateo, CA 94403
USA

Subject: Letter of Intent – Permit rider #11 for encroachment permit #4819 for monitoring well construction in front of 514 South Eldorado Street `between East 5th Avenue and East 7th Avenue

Dear Ms. Judy Dulik:

Antea™Group (Antea Group) has prepared this letter of intent regarding the proposed construction of monitoring well MW-25 in South Eldorado Street between East 5th Avenue and East 7th Avenue in front of 514 South Eldorado Street. All proposed work is related to 76 Service Station No. 6390, located at 402 South Delaware Avenue in San Mateo, California (see attached site plan). Antea Group will be requesting permit rider #11 for encroachment permit #4819 for the proposed scope of work.

The proposed scope of work is based on letter correspondence from Mr. Deno Milano of the San Mateo County Groundwater Protection Program (GPP), the regulatory overseer for the site, dated October 29, 2014 that has been uploaded to the State GeoTracker database.

Any contaminants found from the testing of the well placed in the public right-of-way are the responsibility of our client, not the City of San Mateo.

Please contact me with any questions or concerns.

Sincerely,

David Sisak
Staff Professional
Direct: (312) 282-6743
david.sisak@anteagroup.com
Antea Group

RECEIVED
DEC - 3 2014
CITY OF SAN MATEO
PUBLIC WORKS DEPARTMENT

Inogen Environmental Alliance

 2014 SUBSURFACE DRILLING PERMIT APPLICATION

PERMIT APPLICATION INSTRUCTIONS AND FEES

A subsurface drilling permit is required if groundwater is anticipated to be encountered, drilling extends to 10 feet, or groundwater or vapor wells are to be installed or destroyed. San Mateo County Health System Groundwater Protection Program (GPP) is the permitting agency for all subsurface drilling for environmental and geotechnical purposes within San Mateo County except in the City of Daly City. All drilling in the City of Daly City is permitted by the City of Daly City Water and Wastewater Department at (650) 991-8200 with appropriate notification to GPP for GPP lead sites. San Mateo County Health System Land Use Program (LUP) reviews all water well permit applications (www.smhealth.org/environ/forms) for public supply, domestic, agricultural, cathodic protection, exploratory, and geothermal heat exchange well construction and destruction and permit applications for all reconnaissance, investigation, and excavation work strictly for land use purposes. Please contact the LUP at (650) 372-6200 to discuss permitting, notification, and drilling requirements.

A 120-day extension may be granted for permits which have not been used during the original 120-day time frame. Submit another Subsurface Drilling Permit Application and payment for the permit extension fee at 50% of the fee for the type of drilling. Extension must be requested prior to the original permit expiring. If there are several wells and borings over several contiguous assessor's parcels and public right-of-ways, then discuss the fee with the County inspector for that district by calling the main number at the top of the application. The County inspector may charge only one fee for borings and wells constructed across contiguous assessor's parcels and public right-of-ways. However, this is dependent on how much the County inspector believes will need to be inspected in the field and how much review time of required submittals will be needed.

Section 1: Purpose of Application
At least one of the four boxes must be selected; however, multiple boxes may be selected as long as all of the wells and borings are on the same assessor's parcel or public right-of-way (see Section 4). A **boring** under this permit application is defined as a constructed hole lasting less than 24 hours before being properly destroyed. After 24 hours, the constructed hole is considered a **well** under this permit application which needs to be constructed appropriately unless special conditions are approved as part of the permit. If Permit Extension is selected, then write in the permit number of the permit to be extended. List the number of wells and borings anticipated to be drilled and what they will be named. This number may change in the field based on conditions encountered.

Section 2: Purpose of Drilling
At least one of the two boxes must be selected; however, both boxes may be selected as long as both purposes of drilling are to be conducted on the same assessor's parcel or public right-of-way (see Section 4). Geotechnical Drilling may also be conducted under San Mateo County's Annual Geotechnical Drilling Permit in which consulting companies pay an annual fee of $721 for 2014 to perform this type of drilling an unlimited amount of times for 365 days after obtaining the Annual Geotechnical Drilling Permit. Please note, a Notification Form similar to this Subsurface Drilling Permit Application must be completely filled out and submitted at least 2 business days (48 hours) prior to drilling under the Annual Geotechnical Drilling Permit.

Section 3: Lead Agency
One of the three boxes must be selected. The **County Groundwater Protection Program** would be selected only for investigations of known contaminated sites that the County is the lead agency. For drilling required by the Regional Water Quality Control Board **(RWQCB)**, Department of Toxic Substances Control **(DTSC)**, or the United States Environmental Protection Agency **(USEPA)**, please include a copy of their approval letter. **None** would refer to investigations required by the County CUPA (Hazardous Materials Program), County Land Use or Solid Waste Programs, County or City Planning or Building Departments or voluntary investigations for due diligence or property transactions.

Section 4: Drilling Information
All applicable spaces must be filled in. **Agency Case #** refers to the lead agency's case number, if overseen by an agency, for the project under which the investigation is being conducted. **Assessor's parcel number** is the 9-digit number corresponding to the specific private property drilling is proposed to be conducted on (County Assessor's web site wecare.co.sanmateo.ca.us under Property Assessment or www.sanmateocountytaxcollector.org under Secured Property Taxes). Each permit **must** include only one assessor's parcel number. If the drilling is to be conducted only in public right-of-ways, then the assessor's parcel number space should be filled in with NA for not applicable. If drilling is to occur on both a private property and a contiguous public right-of-way, then two permits (one for the private property and one for the public right-of-way) must be filled out. **Address, City, and Zip** refer to the location of the specific property drilling is proposed to be conducted on. The Address for a public right-of-way would simply be the name of the specific section of the public right-of-way (such as 100s block of Main Street). **To be Constructed in** must have one box selected. Again, this differentiates between a public right-of-way and a private property. **Refuse** is a special land use designation which needs to be indicated on the permit application.

 2014 SUBSURFACE DRILLING PERMIT APPLICATION

PERMIT APPLICATION INSTRUCTIONS AND FEES (CONTINUED)

Section 4: Drilling Information (continued)
The rest of this section is self-explanatory, may change in the field based on conditions encountered, and must be filled in except for **Development Method** and **Destruction Method** unless applicable. Schematics may be submitted instead of filling in the well construction details, particularly if wells will be constructed differently from each other.

Destruction Method requires the use of a maximum of 6 gallons of water per 94 pounds of cement. This measurement (for both water and cement) must be able to be demonstrated in the field upon request from the inspector (such as using a 5-gallon bucket for measuring the water and using entire bags of cement). For **pressure grouting**, the well construction log must be submitted. The sand pack may not be more than 3 feet above the top of the screened interval, the screened interval may not be longer than 25 feet, and the bottom of the original boring may not be more than 2 feet deeper than the bottom of the constructed well. The total depth of the well and the fact that there are no obstructions in the well must be verified in the field. Type I/II cement grout must be tremmied into the well, followed by application of 25 psi pressure maintained for 5 minutes (which should be able to be demonstrated in the field). If the well does not meet pressure grouting criteria, it must be destroyed by drilling out to the total depth of the original boring. For **overdrilling**, the well casing and all annular material must be removed using a guide rod for the entire depth of the well prior to drilling, and the boring tremmie grouted to the surface using Type I/II cement grout. A general observation is that grouting borings using a ¾ inch PVC pipe, typically used to collect grab groundwater samples in borings, does not work with a screened section. Free falling grout is only allowed if the boring is dry, or if water is present in less than 10% of the boring, and less than 30 feet deep.

Section 5: Well/Boring Owner
The **name** of the entity owning the wells and borings must be listed along with their contact person (if different from the name of the well/boring owner), address, telephone number, and email address. The **contact person** must be directly associated with or an agent of the entity owning the wells and borings such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the well/boring owner to verify information if necessary. By providing an email address, the well/boring owner will receive an electronic copy of the permit. The permit application must be **signed** and **dated** by either the entity listed as the owner of the wells and borings or the contact person. **Signatures (Sections 5 through 8)** do not need to be original; however, one copy of the permit application must contain all of the information besides the signatures in a legible format. ALL SIGNATURES REQUIRED (SECTIONS 5 THROUGH 8) DO NOT NEED TO BE ON THE SAME COPY OF THE PERMIT APPLICATION.

Section 6: Property Owner
The **name** of the entity owning the property must be listed and needs to match the name listed with the County Assessor for this property. The **contact person** must be directly associated with or an agent of the entity owning the property such as a property manager, real estate manager, contractor, or lawyer but not the environmental consultant listed on the permit application in Section 8. A **telephone** number and an **email** address must be provided to allow the inspector to contact the property owner to verify information if necessary. By providing an email address, the property owner will receive an electronic copy of the permit. The permit application must be signed and dated by the entity listed as the property owner only. AGENTS CAN NOT SIGN FOR THE PROPERTY OWNER. For public rights-of-way, a copy of the Encroachment permit can be substituted for the property owner signature. The City of San Mateo, among others, will not issue an encroachment permit until the subsurface drilling permit is issued, but the City of San Mateo will issue a letter of intent to issue an encroachment permit which is acceptable as a substitute for the property owner signature in City of San Mateo rights-of-way.

Section 7: Drilling Company
The **name** of the company proposed to drill the wells and borings must be listed along with the drilling company **contact person**, address, telephone number, and email address. In addition, the **driller's C57 license number** must be provided. A **telephone** number and an **email** address must be provided to allow the inspector to contact the drilling company to verify information if necessary. By providing an email address, the drilling company will receive an electronic copy of the permit. The permit application must be signed and dated by the driller's contact person. If the drilling company changes, then a new subsurface drilling permit application should be filled out completely except for Sections 5, 6, and 8.

Section 8: Consulting Company
The **name** of the company overseeing the proposed drilling of the wells and borings must be listed along with the **project manager**, address, **telephone** number, and **email** address. The responsible professional overseeing the work must **print** their name legibly, **sign** their name and date, and provide either their **California Professional Geologist or Civil Engineering** number. Field contact name and number, if known, are optional but beneficial for all parties involved.

CITY OF SAN MATEO **PUBLIC WORKS DEPARTMENT** **330 West 20th Avenue** **San Mateo, CA 94403** **650 522-7300 office** **650 522-7301 fax** ***ENCROACHMENT PERMIT RIDER***	Original Permit #: 4819 Site Address: 402 S Delaware Rider #: 11 Insurance Reviewed By: jd Limit OK? yes Date Expires: 10/01/15

TO: **Antea Group** **DATE:** 1/02/15

1155 N First St, Suite 201

San Jose, CA 95112, Permittee

In compliance with (☐ your ☐ our) request, the City of San Mateo, Public Works Department is hereby amending the above-referenced encroachment permit as follows:

Same conditions as original permit and subsequent riders. Authorizes installation of 1 additional monitoring well in front of 514 S Eldorado St per attached site map. Traffic control per CAMUTCD standards and approved attached traffic control plan. **No street closures allowed, must allow through traffic at all times.** Contractor must notify PW Inspections 650/522-7522 xt 6900, Police 650/522-7740, Fire 650/522-7940, and County Communications 650/363-4961, at least 24 - 48 hours before any proposed lane closures. Refund upon submittal of test results, abandonment of all wells and inspection of borings back-fill in the public right-of-way related to this permit.

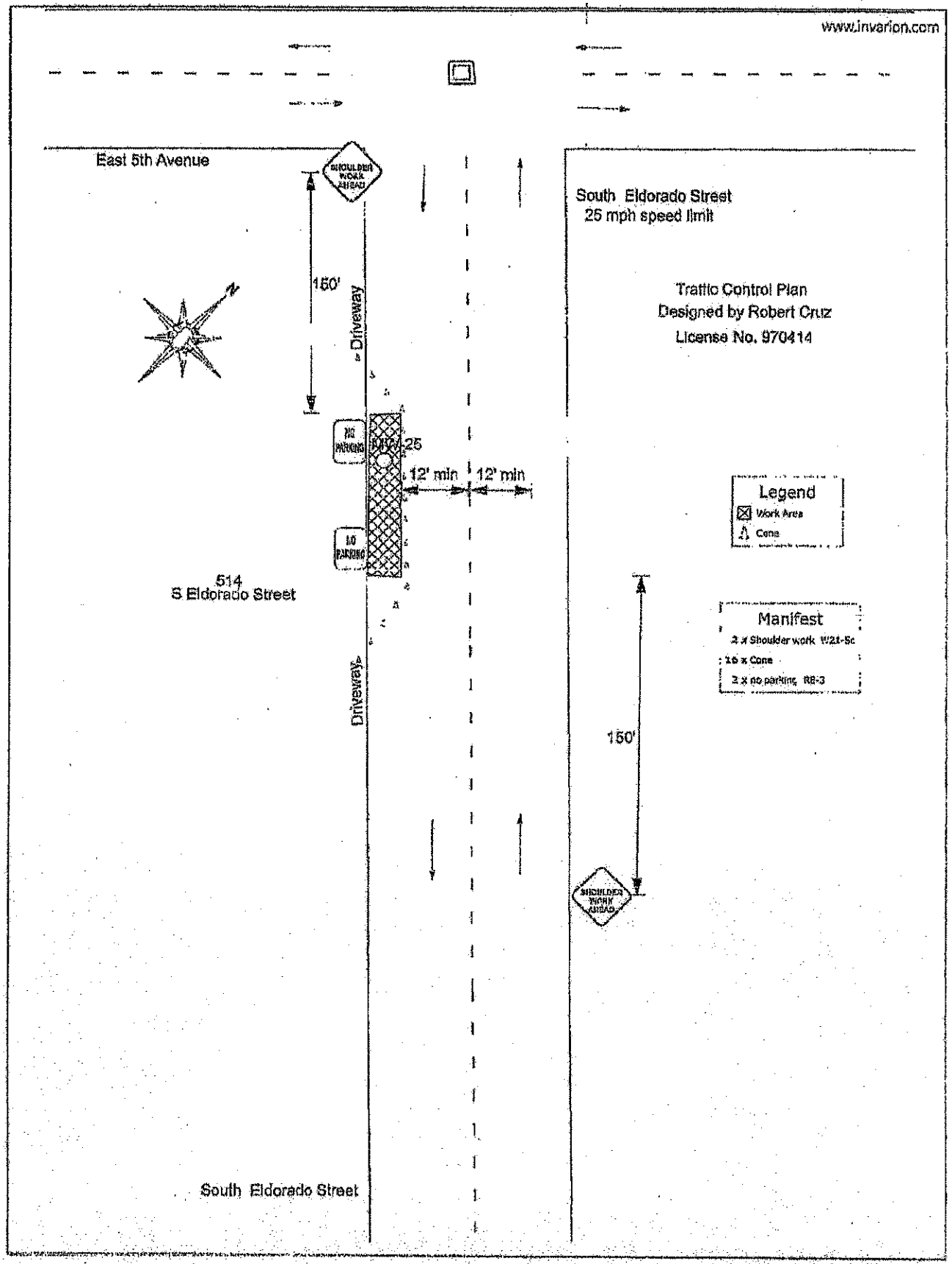
Permit Expiration Date extended to: ☑ 10/01/15

☐ No Change

Except as amended, all other terms and provisions of the original permit shall remain in effect.

Approved: Gary Heap, P.E., Senior Civil Engineer	
By:	Date: 1/2/15

cc: Construction Manager
Construction Inspector
Permit file


www.invarion.com
East 5th Avenue
SHOULDER WORK AHEAD
South Eldorado Street
25 mph speed limit
150'
Driveway
Traffic Control Plan
Designed by Robert Cruz
License No. 970414
NO PARKING
25'
12' min
12' min
Legend
Work Area
Cone
514
S Eldorado Street
Manifest
2 x Shoulder work W21-5c
16 x Cone
2 x no parking R8-3
Driveway
150'
SHOULDER WORK AHEAD
South Eldorado Street


MW-25
Google earth
feet
meters
400
100

CITY OF SAN MATEO
TREASURER'S RECEIPT

CONTROL 231958
DATE 11/2/15

RECEIVED FROM Antea Group

AMOUNT $ 328.00

ADDRESS

GL REVENUE ACCT: XX – XXXX – XXXXXX PROJ. REVENUE ACCT: XXXXXX – XXX – XXXX	AMOUNT	DESCRIPTION
10-4662-340203	328.00	E.P. Permit Fee
		Permit # 4819
		Rider # 11
		check # 682819

DEPARTMENT	CITY EMPLOYEE SIGNATURE
PW	

Appendix B

Site Setting and Summary of Previous Environmental Investigations

SITE LOCATION AND BACKGROUND

The site is currently an active "76"-branded service station. The station is located approximately one mile west of San Francisco Bay in San Mateo, California, at an elevation of approximately 20 feet above mean sea level. The site facilities include two fuel underground storage tanks (USTs) located in a common pit in the southeast portion of the property, three product dispenser islands, and a station building. The USTs were installed at the site in August 1992 during station upgrade activities. A 550-gallon waste oil UST formerly located behind the station building was removed from the site in 1992.

The site is bounded to the northeast by South Delaware Street and a Jiffy Lube facility (407 South Delaware Street), to the northwest by East Fourth Street and commercial buildings, to the southwest by a parking lot for a Taco Bell restaurant (500 East 4th Avenue), and to the to the southeast by a Legal Aide of San Mateo building (521 South Delaware Street) and parking area.

There are seven existing or former gasoline service stations within ¼-mile of the site area. The site is located in a mixed commercial and residential area. The nearest residences are southwest of the site at 411 South Claremont, or approximately 50 feet southwest of the site and an apartment building is located at 603 East 5th Avenue approximately 75 feet northeast of the site.

SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

In August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon, fiberglass gasoline underground storage tanks (USTs), one 550-gallon waste oil UST, and the associated product piping and dispensers. Upon removal of the tanks, a 9-inch crack was observed along the eastern end of the super unleaded gasoline UST, and two 3/16-inch diameter holes were observed in the waste oil tank. According to an Accident/Incident Investigation Report filed by Unocal on June 3, 1992, a monitoring well had been installed too close to the super unleaded UST, causing the crack. Petroleum hydrocarbon contamination was observed at the eastern end of the gasoline UST cavity. The cavity was over-excavated to remove as much of the impacted soil as possible, resulting in a final excavation that measured approximately 30' by 27' by 22' deep. Initially, six soil samples (A1, A2, B1, B2, SW1, and SW2) were collected from the bottom and sidewalls of the UST cavity, one soil sample (WO1) was collected from the bottom of the waste oil UST cavity, and six soil samples (P1, P2, P3, P4, P5, and P6) were collected from the bottom of the product piping trenches.

At a later date, KEI collected an additional three soil samples (SW1, SW2, and SW3) from the gasoline UST cavity, along with a grab groundwater sample (W1). The water sample was collected after a total of approximately 5,800 gallons of water had been pumped form the gasoline UST cavity. The groundwater had floating product and a heavy sheen. Additionally, KEI collected three soil samples (D1, D2, and D3) from beneath the gasoline dispensers. Laboratory analyses of soil samples collected from the gasoline UST cavity reported relatively high levels of total petroleum hydrocarbons as gasoline (TPHg) benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and total petroleum hydrocarbons as diesel (TPHd). The requested petroleum hydrocarbon constituents were not

reported above laboratory detection limits in the soil samples collected from the product piping trenches and from beneath the gasoline dispensers. Laboratory analysis of the soil sample from the waste oil UST indicated the presence of the heavy metals cadmium, chromium, nickel, lead and zinc, while the remaining petroleum hydrocarbon constituents were not indicated at concentrations above the laboratory detection limits. High levels of TPHd, TPHg, and BTEX compounds were also reported in the groundwater sample.

In May 1994, KEI installed three monitoring wells (MW-1, MW-2 and MW-3) at the site. Laboratory analyses of the soil samples collected from the borings for monitoring wells MW-2 and MW-3 indicated the presence of TPHg and BTEX compounds. The requested petroleum hydrocarbon constituents were not reported above laboratory detection limits in the soil samples collected form the MW-1 borehole. The wells were initially gauged and sampled in June 1994. Laboratory analyses of the water samples collected from MW-2 and MW-3 reported the presence of petroleum hydrocarbons in MW-2 and MW-3. The depth to water ranged from 15.33 to 16.71 feet below ground surface (bgs) with a groundwater gradient reported at 0.004 foot/foot to the east. KEI concluded to follow a three-month (quarterly) monitoring program.

In March 1995, two additional monitoring wells (MW-4 and MW-5) were installed at downgradient, off-site locations in the sidewalk along the opposite side of South Delaware Street from the site. Laboratory analyses of the soil samples collected from the monitoring well boreholes indicated the presence of TPHg and BTEX contamination in MW-4. The new wells were added to the quarterly groundwater monitoring program and were first sampled in April 1995. Laboratory analyses of the water samples collected from MW-4 and MW-5 indicated the presence of maximum concentrations of 150,000 micrograms per liter (µg/L) TPHg, 12,000 µg/L benzene, 40,000 µg/L toluene, 4,700 µg/L ethylbenzene, and 31,000 µg/L total xylenes reported in MW-4.

In January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150 gallon capacity oil/water separator. A confirmation soil sample (OWS-S-4.5) was collected from underneath the oil/water separator at a depth of 4.5 feet bgs. Laboratory analysis of the sample indicated the presence of trace concentrations of TPHd, toluene, and total xylenes. Additionally, the presence of the heavy metals chromium, nickel, lead, and zinc were indicated at concentrations of 160 milligrams per kilogram (mg/kg), 99 mg/kg, 13 mg/kg, and 69 mg/kg, respectively. Tetrachloroethylene (PCE) and other chlorinated solvents were not present in the soil sample.

In February 1996, KEI supervised the advancement of three Geoprobe® soil borings (SP1, SP2, and SP4) at off-site locations. The soil borings were terminated at a depth of 13 feet bgs, with groundwater encountered at approximately 10.5 feet bgs. Grab groundwater samples were collected from each borehole. Laboratory analyses of the water samples reported low to moderate levels of TPHg, benzene, ethylbenzene, and total xylenes in the sample from boring SP-4. Petroleum hydrocarbon constituents were not reported above laboratory detection limits in the groundwater samples from borings SP-1 and SP-2.

In June 1996, Pacific Environmental Group, Inc. (Pacific) performed a well survey and reviewed California Department of Water Resources (DWR) well records. One documented well was identified within a ¼-mile radius of the site.

In December 2006 and January 2007, SECOR supervised the following activities: advancement of four direct push soil borings (SP-5 through SP-8), the installation of three soil vapor wells (VP-1 through VP-3) and four additional groundwater monitoring wells (MW-6 through MW-9), and the destruction of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-5). Laboratory analyses of soil samples collected indicated the presence of up to 1,300 mg/kg total purgeable petroleum hydrocarbons (TPPH, MW-6@16.5-17), 0.18 mg/kg benzene (MW-6@11-11.5), 32 mg/kg toluene (MW-6@11-11.5), 20 mg/kg ethylbenzene (MW-6@11-11.5), 110 mg/kg total xylenes (MW-6@11-11.5), and 0.089 mg/kg methyl tertiary butyl ether (MTBE, MW-6@19.5-20). Grab groundwater sample analytical results indicated the presence of up to 51,000 µg/L TPPH (SP-8), 1,300 µg/L benzene (SP-5), 1,500 µg/L toluene (SP-5), 3,000 µg/L ethylbenzene (SP-8), 9,600 µg/L total xylenes (SP-8), and 330 µg/L MTBE (SP-5). Groundwater samples from MW-6 and MW-9 reported petroleum hydrocarbons. Laboratory analyses of the soil vapor samples indicated the presence of up to 0.75 micrograms per liter (µg/L) TPPH (VP-3), up to 16 µg/L toluene (VP-1), 14 µg/L ethylbenzene (VP-3), 42 µg/L m,p-xylenes (VP-3), and 29 µg/L o-xylenes (VP-3).

Based on the results of this investigation, SECOR concluded that hydrocarbons in soil had been adequately delineated, the lateral extent of hydrocarbons in groundwater had been delineated up-gradient and cross-gradient, the lateral extent of hydrocarbons in deeper groundwater had been delineated to the southwest (cross-gradient) by SP-7, and that vapor inhalation did not appear to be an exposure pathway at the site. SECOR recommended installation of a downgradient well in the shallow water bearing zone and downgradient wells in the deeper water bearing zone along East Fifth Avenue and Delaware Street, and to the northwest and northeast (up and cross-gradient) of the site. SECOR recommended groundwater analyses and historical research to identify the possible source of tetrachloroethylene (PCE) in groundwater.

In August 2008, Stantec oversaw the installation of two shallow groundwater monitoring wells (MW-10 and MW-11), and four deeper zone wells (MW-12B, MW-13B, MW-14B, and MW-15B) at locations down-gradient of the subject site. This included the collection of both soil and groundwater samples from the new wells. Stantec also completed a sensitive receptor survey (SRS) as part of this investigation (see below). Stantec concluded that petroleum hydrocarbon plumes in groundwater had been delineated by the new wells, but recommended continued semiannual groundwater monitoring. No additional evaluation of sensitive receptors was recommended based on findings of the SRS (where no sensitive receptors were identified in the immediate down-gradient direction of the site).

Between 2009 and 2010, Delta Consultants prepared an investigation work plan to assess the PCE contamination in groundwater in the vicinity of the site. The San Mateo GPP did not accept the *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan on October 29, 2010.* Delta Consultants revised and resubmitted the work plan to the GPP.

In February 2011, Antea Group (formerly Delta Consultants) received conditional approval from the lead oversight agency, San Mateo County GPP, of their October 29, 2010 submittal titled *Potential Source Evaluation and Tetrachloroethene (PCE) Source Evaluation Revised Work Plan.*

Between May and June 2011, Antea Group oversaw the installation of one additional groundwater monitoring well MW-17B, and the advancement of six soil borings SB-1 and SB-3 through SB-7 to assess the potential up-gradient presence of PCE in soil and groundwater, as well as to further quantify the degree and extent of on-site and downgradient hydrocarbon contamination associated with the subject site. Details of the investigation are presented in the July 2011 *Potential Tetrachloroethylene (PCE) Source Investigation Report*.

In April and May 2012, Antea Group completed additional delineation of gasoline contaminants in groundwater to the east and southeast of the USTs, as well as the determining whether or not the subject site is a likely contributor to the PCE contaminant plume present in the regional groundwater. Antea Group oversaw the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Also, Antea Group oversaw the destruction of shallow well MW-10, replaced with new well MW-10R at a deeper screened interval. Antea Group submitted the *Additional Site Investigation Report* summarizing the April and May field activities to the GPP on **July 6, 2012**.

On **September 7, 2012**, Antea Group submitted an *Additional Groundwater and Vapor Investigation Work Plan* to the GPP. In this Work Plan, Antea Group proposed installing two additional monitoring wells downgradient of wells MW-10R and MW-18, as well as two nested vapor wells adjacent to the neighboring, off-site buildings.

In March 2013, Antea Group installed monitoring wells MW-20 and MW-21, to further define the shallow groundwater contaminant plume, in general accordance with the *Additional Groundwater and Vapor Investigation Work Plan* dated September 7, 2012. In addition, soil boring SB-11 was advanced and monitoring well MW-11 was destroyed per GPP request.

In June and July 2013, Antea Group installed monitoring wells MW-22 through MW-24 to assess the contribution of PCE from the former waste oil UST (MW-22), to assess PCE concentrations upgradient of the site (MW-23), and to further define the extent of the shallow groundwater contaminant plume (MW-24). Antea Group also advanced soil boring SB-10 to assess onsite shallow soil conditions near the tank pit. Antea Group submitted the *Additional Soil and Groundwater Investigation Report* summarizing field activities to the GPP on **July 17, 2013**.

In August 2014, Antea Group installed and sampled sub-slab soil vapor probes SS-1 through SS-4 off-site to assess soil vapor conditions within the hydrocarbon contaminant plume beneath the residential and commercial properties adjacent to and downgradient of the site. Vapor samples were collected in August 2013 and January/February 2014. The findings were submitted by Antea Group in *Vapor Assessment Report* dated **May 29, 2014**.

In **January 2015**, Antea Group conducted a cold season sampling event on January 14, 2015 at sub-slab vapor points SS-2 and SS-3 per GPP request dated October 29, 2014.

In **January 2015**, Antea Group installed monitoring well MW-25 downgradient of MW-21 to further define the shallow groundwater contaminant plume, in general accordance with GPP correspondence dated October 29, 2014.

Sensitive Receptors

In 1996, a well survey was performed by Pacific. Four wells (three cathodic protection wells and one irrigation well) were identified within ¼-mile of the site. The City of San Mateo confirmed that there are two irrigation wells in Central Park (approximately 2,544 feet south of the site) and one irrigation well at King Center (approximately 3,648 north-northwest of the site).

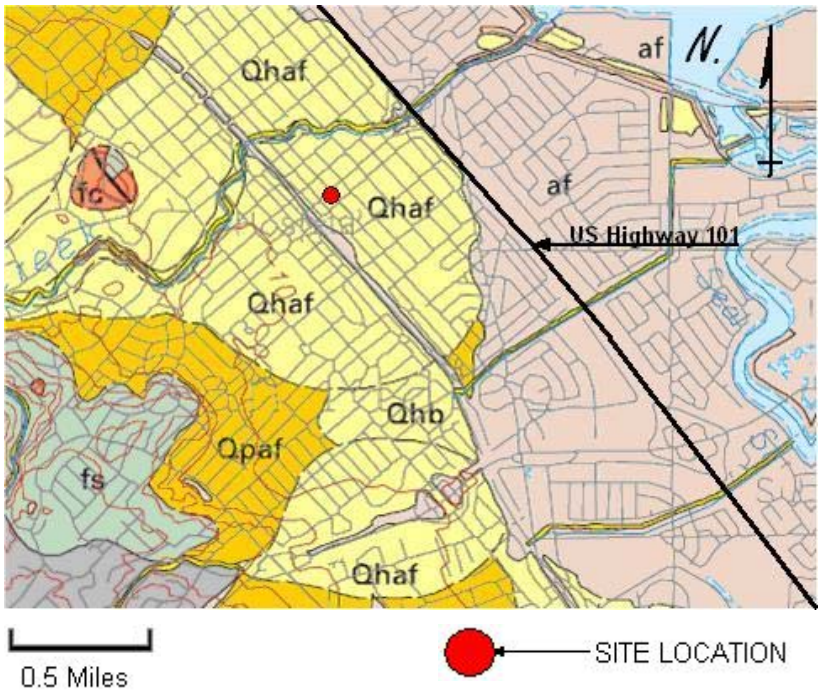
Stantec performed a sensitive receptor survey within a ½-mile radius of the site during July 2008. A detailed parcel survey was performed at a 500-foot radius around the site. Research of the DWR well completion record database identified one irrigation well located approximately 2,208 feet north-northeast of the Site at 1015 2nd Avenue, San Mateo. The well was installed in 1953 to a depth of 46 feet bgs with a screened interval of 30 to 46 feet bgs. There was one surface water body (San Mateo Creek) identified within the limits of the ½-mile survey, approximately 1,488 feet north of the site. In their 2009 *Additional Assessment and Sensitive Receptor Survey Report* prepared for Former Tosco 76 Station #4178, Stantec identified an inactive irrigation well at 728 E 4th Ave, approximately 600 feet Northeast of the site. Stantec also identified a preschool at 713 2nd Avenue which utilized sump pumps to dewater their basement which also serves as a classroom. In their 2012 *Site Conceptual Model*, Conestoga-Rovers and Associates (CRA) additionally identified an irrigation well at 216 El Dorado Street, which is approximately 600 feet NNE of the site.

SITE SETTING

Regional Geologic Setting

The site is located on an alluvial plain extending from the Santa Cruz Mountains to the east to the San Francisco Bay. The geologic map of the vicinity below shows that the site is underlain by alluvial fan and fluvial deposits (Qhaf). Near the edge of San Francisco Bay, the deposits consist of medium dense sands that fine upward to sandy or silty clay (E.E. Brabb, et al., 1998). Other deposits in the area are heterogeneous artificial fill (af) and basin deposits (Qhb) consisting of fine silty clay to clay deposits.

Geologic Map of Vicinity



GEOLOGY OF THE ONSHORE PART OF SAN MATEO COUNTY, CALIFORNIA: DERIVED FROM THE DIGITAL DATABASE OPEN-FILE 98-137

Regional Hydrogeologic Setting

The site is located within the Santa Clara Valley groundwater basin and South Bay hydrologic planning area. Groundwater throughout the area flows typically northeasterly, originating in the Santa Cruz Mountains to the west and flowing towards San Francisco Bay. The basin is composed of alluvial fan deposits formed by tributaries to San Francisco Bay. The water-bearing formations comprise two groups; the Santa Clara Formation of the older Plio-Pleistocene age and the Quaternary age alluvial deposits. The shallow alluvial deposits overlie the Santa Clara Formation and have a maximum depth of about 1,250-feet.

Quaternary age alluvium consists of sand, gravel, silt, and clay deposits that are about 100-feet thick and average about 60-feet thick. The Pliocene age San Mateo Formation consists of deposits of marine sand, gravel, silt, and clay, which are locally water-bearing (DWR 2003).

The prominent groundwater flow direction is to the east toward San Francisco Bay. There is one surface water body identified within the limits of the ½ -mile survey. San Mateo Creek is located approximately 1,488-feet north of the site.

Site Hydrogeologic Setting

Soils beneath the site consist primarily of sands with varying amounts of clay and silt and clays with varying amounts of sand to the total depth explored of 40 feet bgs. Groundwater is typically encountered in borings at approximately 15 feet bgs, however first encountered water has ranged from approximately 13 feet bgs to 30 feet bgs. Groundwater elevation in monitoring wells equilibrates at approximately 1 foot referenced to NAVD 88.

With respect to groundwater, a shallow groundwater zone (i.e., groundwater in the upper 20 feet bgs) that is present near the USTs and downgradient of the site (demonstrated by water in MW-6, MW-10R, MW-18, MW-19, MW-21 and periodically in wells MW-9, MW-11, MW-22 and MW-24), is not continuous along the western boundary of the site, indicating locally semi-confined conditions in the eastern portion of the site. Antea Group set a screened interval in TW-1 from 15 to 20 feet bgs, but after leaving it overnight, no water was present. In SB-8, grab water sampling was attempted from 19 to 20 feet bgs, and from a screened interval left in place from 19.5 to 24.5 feet bgs. After several hours and no signs of water, the screen was removed and the boring was advanced to 30 feet bgs. In both TW-1 and SB-8, which had temporary screened intervals from 25 to 30' bgs, the water levels rose to 15.46 feet in TW-1, and to 14.50 feet in SB-8, after leaving each overnight. Well MW-23 (deep well) was installed west of the site, and water was not encountered until approximately 30 feet bgs.

The deep groundwater bearing zone occurs at varying depths at the site, but typically below 18 feet bgs. The shallow and deep zones are separated in portions of the site by a semi-continuous thin layer of clay/silt which is varies from a foot to several feet in thickness.

Appendix C

Vapor Sampling Field Data Sheets

Site ID:

Soil Vapor Sampling Field Data Sheet

Date: 1/14/15 **SV Point:** SS-3 **Sampled By:** K. Thornley

Summa ID: **Flow Regulator ID:**

Pressure Test Time: 8:54 **Pass Test?** yes

Time	%He	Comments	
~~8:54~~			
902		Emplace helium shroud	
907	40.8%	Start Purge pressure < -30 in Hg	
919	41.3%	End Purge	23 in Hg
920	39.0%	Start Sample	-30 in Hg
921	45%		-30 in Hg
923	36%		-29 in Hg
926	40.2%		-26 in Hg
928	41.3%		-25 in Hg
931	42.8%		-23 in Hg
935	43.0%		-20 in Hg
937	37.5%		-18 in Hg
941	39.9%		-16 in Hg
945	40.6%		-14 in Hg
948	44.5%		-12 in Hg
952	36.6%	End Sample	-10 in Hg

Date: 1/14/15 **SV Point:** SS-2 **Sampled By:**

Summa ID: D381 **Flow Regulator ID:** SGM27J

Pressure Test Time: 10:46 **Pass Test?** yes

DUP can: D472

Time	%He	Comments	
10:53	41	Start He equilibrium	
10:58	46	Start purge -28	
11:01	39.1	-26	
11:08	47	-16 Stop purge	
11:03	47	Start sampling	
		Sample	DUP
		-30	-30
11:11	39.9	-27	-28
11:13	46.0	-26	-26
11:16	37.0%	-24	-24
11:18	36.0%	-22	-23
11:21	34.0%	-20	-20
11:24	44.0%	-18	-17
11:27	43.4%	-15.5	-14
1130	43.8	-14	-12
1132	39.4	-12	-10 → stop dup
1134	35.8	-11	—
1136	43.3	-10 → stop sample	

Appendix D

Validated Certified Laboratory Analytical Report—Vapor Sampling

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Supplemental Report 1

WORK ORDER NUMBER: 15-01-0805

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Antea Group

Client Project Name: 76 Station 6390 / I40256390

Attention: Nadine Periat
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Approved for release on 01/23/2015 by:
Richard Villafania
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 15-01-0805

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Work Order Narrative

Work Order: 15-01-0805 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 01/15/15. They were assigned to Work Order 15-01-0805.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 76 Station 6390 / I40256390

Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: ASTM D-1946
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**15-01-0805-1-A**	**01/14/15 09:52**	**Air**	**GC 65**	**N/A**	**01/15/15 16:15**	**150115L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	2.15	0.500	1.00	
Oxygen (+ Argon)	19.3	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**15-01-0805-2-A**	**01/14/15 11:36**	**Air**	**GC 65**	**N/A**	**01/15/15 16:32**	**150115L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	0.599	0.500	1.00	
Oxygen (+ Argon)	21.1	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**15-01-0805-3-A**	**01/14/15 00:00**	**Air**	**GC 65**	**N/A**	**01/15/15 16:51**	**150115L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	0.677	0.500	1.00	
Oxygen (+ Argon)	21.0	0.500	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-444-127**	**N/A**	**Air**	**GC 65**	**N/A**	**01/15/15 12:14**	**150115L02**

Parameter	Result	RL	DF	Qualifiers
Methane	ND	0.500	1.00	
Carbon Dioxide	ND	0.500	1.00	
Oxygen (+ Argon)	ND	0.500	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
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Project: 76 Station 6390 / I40256390

Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: ASTM D-1946 (M)
Units: %v

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**15-01-0805-1-A**	**01/14/15 09:52**	**Air**	**GC 55**	**N/A**	**01/15/15 14:43**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0334	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**15-01-0805-2-A**	**01/14/15 11:36**	**Air**	**GC 55**	**N/A**	**01/15/15 15:44**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0210	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**15-01-0805-3-A**	**01/14/15 00:00**	**Air**	**GC 55**	**N/A**	**01/15/15 16:26**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Helium	0.0415	0.0100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-872-742**	**N/A**	**Air**	**GC 55**	**N/A**	**01/15/15 12:17**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Helium	ND	0.0100	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 76 Station 6390 / I40256390

Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**15-01-0805-1-A**	**01/14/15 09:52**	**Air**	**GC/MS NN**	**N/A**	**01/20/15 16:46**	**150120L02**

Parameter	Result	RL	DF	Qualifiers
Tert-Butyl Alcohol (TBA)	ND	6.1	1.00	
Diisopropyl Ether (DIPE)	ND	8.4	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1.00	
1,2-Dibromoethane	ND	3.8	1.00	
Ethanol	ND	9.4	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	83	68-134	
1,2-Dichloroethane-d4	91	67-133	
Toluene-d8	94	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**15-01-0805-2-A**	**01/14/15 11:36**	**Air**	**GC/MS NN**	**N/A**	**01/20/15 17:39**	**150120L02**

Parameter	Result	RL	DF	Qualifiers
Tert-Butyl Alcohol (TBA)	ND	6.1	1.00	
Diisopropyl Ether (DIPE)	ND	8.4	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1.00	
1,2-Dibromoethane	ND	3.8	1.00	
Ethanol	ND	9.4	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-134	
1,2-Dichloroethane-d4	91	67-133	
Toluene-d8	93	70-130	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
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Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: EPA TO-15
Units: ug/m3

Project: 76 Station 6390 / I40256390

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**15-01-0805-3-A**	**01/14/15 00:00**	**Air**	**GC/MS NN**	**N/A**	**01/20/15 18:29**	**150120L02**

Parameter	Result	RL	DF	Qualifiers
Tert-Butyl Alcohol (TBA)	ND	6.1	1.00	
Diisopropyl Ether (DIPE)	ND	8.4	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1.00	
1,2-Dibromoethane	ND	3.8	1.00	
Ethanol	ND	9.4	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	68-134	
1,2-Dichloroethane-d4	92	67-133	
Toluene-d8	86	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-021-14809**	**N/A**	**Air**	**GC/MS NN**	**N/A**	**01/20/15 15:54**	**150120L02**

Parameter	Result	RL	DF	Qualifiers
Tert-Butyl Alcohol (TBA)	ND	6.1	1.00	
Diisopropyl Ether (DIPE)	ND	8.4	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	8.4	1.00	
1,2-Dibromoethane	ND	3.8	1.00	
Ethanol	ND	9.4	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-134	
1,2-Dichloroethane-d4	88	67-133	
Toluene-d8	97	70-130	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 76 Station 6390 / I40256390

Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: EPA TO-15 SIM
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**15-01-0805-1-A**	**01/14/15 09:52**	**Air**	**GC/MS HH**	**N/A**	**01/20/15 00:32**	**150119L01**

Parameter	Result	RL	DF	Qualifiers
1,2-Dichloroethane	ND	0.10	1.00	
Benzene	0.42	0.080	1.00	
Toluene	0.49	0.19	1.00	
Ethylbenzene	0.15	0.11	1.00	
p/m-Xylene	0.40	0.11	1.00	
o-Xylene	0.16	0.11	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.090	1.00	
Naphthalene	0.096	0.052	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	118	45-153	
1,2-Dichloroethane-d4	110	37-163	
Toluene-d8	96	73-121	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**15-01-0805-2-A**	**01/14/15 11:36**	**Air**	**GC/MS HH**	**N/A**	**01/20/15 01:31**	**150119L01**

Parameter	Result	RL	DF	Qualifiers
1,2-Dichloroethane	ND	0.13	1.30	
Benzene	0.39	0.10	1.30	
Toluene	0.89	0.24	1.30	
Ethylbenzene	0.22	0.14	1.30	
p/m-Xylene	0.76	0.14	1.30	
o-Xylene	0.35	0.14	1.30	
Methyl-t-Butyl Ether (MTBE)	ND	0.12	1.30	
Naphthalene	0.22	0.068	1.30	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	116	45-153	
1,2-Dichloroethane-d4	121	37-163	
Toluene-d8	96	73-121	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 76 Station 6390 / I40256390

Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: EPA TO-15 SIM
Units: ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**15-01-0805-3-A**	**01/14/15 00:00**	**Air**	**GC/MS HH**	**N/A**	**01/20/15 02:49**	**150119L01**

Parameter	Result	RL	DF	Qualifiers
1,2-Dichloroethane	ND	0.12	1.15	
Benzene	0.98	0.092	1.15	
Toluene	3.6	0.22	1.15	
Ethylbenzene	0.52	0.12	1.15	
p/m-Xylene	2.0	0.12	1.15	
o-Xylene	0.59	0.12	1.15	
Methyl-t-Butyl Ether (MTBE)	0.34	0.10	1.15	
Naphthalene	0.18	0.060	1.15	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	117	45-153	
1,2-Dichloroethane-d4	133	37-163	
Toluene-d8	94	73-121	

Method Blank	095-01-052-1230	N/A	Air	GC/MS HH	N/A	01/19/15 18:11	150119L01

Parameter	Result	RL	DF	Qualifiers
1,2-Dichloroethane	ND	0.10	1.00	
Benzene	ND	0.080	1.00	
Toluene	ND	0.19	1.00	
Ethylbenzene	ND	0.11	1.00	
p/m-Xylene	ND	0.11	1.00	
o-Xylene	ND	0.11	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.090	1.00	
Naphthalene	ND	0.052	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	45-153	
1,2-Dichloroethane-d4	110	37-163	
Toluene-d8	101	73-121	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 76 Station 6390 / I40256390

Date Received:	01/15/15
Work Order:	15-01-0805
Preparation:	N/A
Method:	EPA TO-3M
Units:	ug/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-3	**15-01-0805-1-A**	**01/14/15 09:52**	**Air**	**GC 38**	**N/A**	**01/15/15 15:11**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	4300	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SS-2	**15-01-0805-2-A**	**01/14/15 11:36**	**Air**	**GC 38**	**N/A**	**01/15/15 17:28**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**15-01-0805-3-A**	**01/14/15 00:00**	**Air**	**GC 38**	**N/A**	**01/15/15 18:48**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-431-446**	**N/A**	**Air**	**GC 38**	**N/A**	**01/15/15 11:46**	**150115L01**

Parameter	Result	RL	DF	Qualifiers
Gasoline Range Organics (C6-C12)	ND	3800	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Sample Duplicate

Antea Group	Date Received: 01/15/15
1155 N. First St., Suite 201	Work Order: 15-01-0805
San Jose, CA 95112-4927	Preparation: N/A
	Method: EPA TO-3M
Project: 76 Station 6390 / I40256390	Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
SS-3	**Sample**	**Air**	**GC 38**	**N/A**	**01/15/15 15:11**	**150115D01**
SS-3	**Sample Duplicate**	**Air**	**GC 38**	**N/A**	**01/15/15 19:27**	**150115D01**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	4278	3862	10	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Antea Group	Date Received: 01/15/15
1155 N. First St., Suite 201	Work Order: 15-01-0805
San Jose, CA 95112-4927	Preparation: N/A
	Method: ASTM D-1946
Project: 76 Station 6390 / I40256390	Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-444-127	**LCS**	**Air**	**GC 65**	**N/A**	**01/15/15 11:39**	**150115L02**
099-16-444-127	**LCSD**	**Air**	**GC 65**	**N/A**	**01/15/15 11:57**	**150115L02**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Methane	4.500	4.382	97	4.383	97	80-120	0	0-30	
Carbon Dioxide	15.00	14.68	98	14.83	99	80-120	1	0-30	
Oxygen (+ Argon)	4.010	4.115	103	4.111	103	80-120	0	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Antea Group		Date Received:	01/15/15
1155 N. First St., Suite 201		Work Order:	15-01-0805
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	ASTM D-1946 (M)
Project: 76 Station 6390 / I40256390			Page 2 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-872-742	**LCS**	**Air**	**GC 55**	**N/A**	**01/15/15 11:31**	**150115L01**
099-12-872-742	**LCSD**	**Air**	**GC 55**	**N/A**	**01/15/15 11:52**	**150115L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Helium	1.000	0.9257	93	1.036	104	80-120	11	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Antea Group	Date Received: 01/15/15
1155 N. First St., Suite 201	Work Order: 15-01-0805
San Jose, CA 95112-4927	Preparation: N/A
	Method: EPA TO-15
Project: 76 Station 6390 / I40256390	Page 3 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-14809	**LCS**	**Air**	**GC/MS NN**	**N/A**	**01/20/15 13:25**	**150120L02**
095-01-021-14809	**LCSD**	**Air**	**GC/MS NN**	**N/A**	**01/20/15 14:15**	**150120L02**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Tert-Butyl Alcohol (TBA)	151.6	123.9	82	121.2	80	66-144	2	0-30	
Diisopropyl Ether (DIPE)	104.5	82.57	79	80.51	77	63-130	3	0-30	
Ethyl-t-Butyl Ether (ETBE)	104.5	89.26	85	87.62	84	67-130	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	104.5	90.07	86	89.26	85	69-130	1	0-30	
1,2-Dibromoethane	192.1	190.2	99	196.5	102	70-133	3	0-30	
Ethanol	188.4	149.1	79	143.4	76	37-139	4	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 76 Station 6390 / I40256390

Date Received: 01/15/15
Work Order: 15-01-0805
Preparation: N/A
Method: EPA TO-15 SIM
Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-052-1230	**LCS**	**Air**	**GC/MS HH**	**N/A**	**01/19/15 14:22**	**150119L01**
095-01-052-1230	**LCSD**	**Air**	**GC/MS HH**	**N/A**	**01/19/15 17:04**	**150119L01**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2-Dichloroethane	2.024	1.888	93	1.949	96	28-166	3	0-40	
Benzene	1.597	1.485	93	1.503	94	27-153	1	0-34	
Toluene	1.884	1.733	92	1.712	91	28-154	1	0-42	
Ethylbenzene	2.171	1.995	92	1.984	91	27-153	1	0-46	
p/m-Xylene	4.342	3.986	92	3.947	91	21-165	1	0-51	
o-Xylene	2.171	1.999	92	1.982	91	22-160	1	0-48	
Methyl-t-Butyl Ether (MTBE)	1.803	1.636	91	1.684	93	50-150	3	0-30	
Naphthalene	2.621	1.985	76	1.836	70	40-190	8	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Antea Group		Date Received:	01/15/15
1155 N. First St., Suite 201		Work Order:	15-01-0805
San Jose, CA 95112-4927		Preparation:	N/A
		Method:	EPA TO-3M
Project: 76 Station 6390 / I40256390			Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-431-446	**LCS**	**Air**	**GC 38**	**N/A**	**01/15/15 11:07**	**150115L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Gasoline Range Organics (C6-C12)	382400	323900	85	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Summa Canister Vacuum Summary

Work Order: 15-01-0805 Page 1 of 1

Sample Name	Vacuum Out	Vacuum In	Equipment	Description
SS-3	-29.80 in Hg	-8.80 in Hg	D875	Summa Canister 6L
SS-2	-29.70 in Hg	-10.50 in Hg	D381	Summa Canister 6L
DUP-1	-29.70 in Hg	-8.80 in Hg	D472	Summa Canister 6L

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Sample Analysis Summary Report

Work Order: 15-01-0805 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-1946	N/A	834	GC 65	2
ASTM D-1946	N/A	884	GC 65	2
ASTM D-1946 (M)	N/A	834	GC 55	2
ASTM D-1946 (M)	N/A	930	GC 55	2
EPA TO-15	N/A	866	GC/MS NN	2
EPA TO-15 SIM	N/A	866	GC/MS HH	2
EPA TO-3M	N/A	834	GC 38	2
EPA TO-3M	N/A	884	GC 38	2
EPA TO-3M	N/A	930	GC 38	2

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Glossary of Terms and Qualifiers

Work Order: 15-01-0805 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

AIR CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY: **15-01-0805**

DATE: 1/14/2015

PAGE: 1 OF 1

LABORATORY CLIENT: AnteaGroup

ADDRESS: 1155 N First Street Suite 201

CITY: San Jose, CA STATE: ZIP: 95112

TEL: 408 606 4909 E-MAIL: nadine.periat@anteagroup.com

CLIENT PROJECT NAME / NO.: 76 Station 6390

P.O. NO.: I40256390

PROJECT CONTACT: Nadine Periat

LAB CONTACT OR QUOTE NO.:

PROJECT ADDRESS: 402 S. Delaware St,

SAMPLER(S): (PRINT) Kira Thornley

CITY: San Mateo STATE: CA ZIP: 94403

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD: ☒ COELT EDF ☐ OTHER

UNITS:

SPECIAL INSTRUCTIONS:
helium used as leak tracer

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	MATRIX: Indoor (I) Soil Vap. (SV) Ambient (A)	SAMPLING EQUIPMENT: Media ID	Canister Size 6L or 1L	Flow Controller ID	START SAMPLING INFORMATION: Date	Time (24 hr clock)	Canister Pressure (in Hg)	STOP SAMPLING INFORMATION: Date	Time (24 hr clock)	Canister Pressure (in Hg)	TO-15 SIM (napthalene by EPA TO-15 SIM)	Fixed gases: Helium, Oxygen/Argon, CO2 & methane by ASTM D-1946 (MP)	
1	SS-3	SS-3	SV	D875	6L	S6M142	1/14/15	920	-30	1/14/15	952	-10	X	X	
2	SS-2	SS-2	"	D381	"	S6M273	1/14/15	1108	"	1/14/15	1136	-10	X	X	
3	Dup-1	DUP-1	"	D472	"	S6M331	1/14/15	—	"	1/14/15	—	-10	X	X	

no further samples

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 1/14/15	Time: 15:31
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature) (SSO)	Received by: (Signature/Affiliation) EGI	Date: 1/15/15	Time: 1400

2014-07-01 Revision

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GSO
GOLDEN STATE OVERNIGHT

800-322-5555 www.gso.com

0805

Tracking #: 526530960

NPS

Ship From
ANTEA-ELT(NORCAL)
JOE DUMAS
1155 NORTH FIRST STREET
SAN JOSE, CA 95112

Ship To
EUROFINS CALSCIENCE, INC.
SAMPLE CONTROL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD: $0.00
Weight: 0 lb(s)
Reference:
LT/SUMMA REQUEST/256390 SAN MATEO
Delivery Instructions:

Signature Type: REQUIRED

ORC **A**
GARDEN GROVE

D92845A

32386141

Print Date: 12/31/2014 12:24 PM

Package 1 of 2

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer. Securely attach this label to your package, do not cover the barcode.

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WORK ORDER #: 15-01-0805

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: Antea Group

DATE: 01/15/15

TEMPERATURE: Thermometer ID: SC4 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature ____.____ °C + 0.2 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☑ Air ☐ Filter Checked by: SM6

CUSTODY SEALS INTACT:

☐ Box ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: SM6

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: SM6

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Aqueous: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** SM6

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** SM6

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:**_____

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Is the Data Set Valid?	Preservation Temperature
(circle) **Yes / No**	*(if Known)*: _____ºC

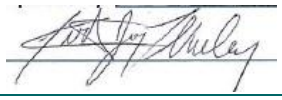
Antea™Group Laboratory Data Validation Sheet

Project/Client: COP-ELT

Project #: I40256390

Date of Validation: 3/17/15 **Date of Analysis:** 1/15, 19, 20/15

Sample Date: 1/14/15 **Completed By:** Kira Thornley

Signature: 

Circle or Highlight

Yes / No (below)

Analytical Lab Used and Report # (if any): Calscience 15-01-0805

1.	Were the analyses the ones requested?	**Yes** /	**No**
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	**Yes** /	**No**
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	**Yes** /	**No**
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	**Yes** /	**No**
5.	Were Laboratory blanks performed, if so, were they non-detect?	**Yes** /	**No**
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	**Yes** /	**No**
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	**Yes** /	**No**
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	**Yes** /	**No**
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	**Yes** /	**No**
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	**Yes** /	**No**
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	**Yes** /	**No**
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	**Yes** /	**No**

For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

MS/MSD were not performed, however Sample Spike/Sample Spike Duplicate and LCS/LCSD were performed and all were within acceptable ranges of recovery, with acceptable RPD, which is sufficient to demonstrate the data is valid.

Appendix E

Standard Operating Procedures

SOIL BORING ADVANCEMENT AND WELL INSTALLATION

Utility Locating

Prior to drilling, boring and excavation locations and an approximate 15-foot by 15-foot box are marked with white paint or other distinct marking and cleared for underground utilities through Underground Service Alert (USA). In addition, Antea Group will contract an independent locator services to clear boring or excavation locations of subsurface assets. The first five feet (or more in instances where utilities are suspected in close proximity) of each borehole are air-knifed, or carefully advanced with a hand auger if shallow soil samples are necessary, to help evaluate the borehole location for underground structures or utilities in accordance with Antea Group's subsurface hazard avoidance policy.

Borehole Advancement using Single-Wall GeoProbe®

Pre-cleaned push rods (typically one to two inches in diameter) are advanced using a hydraulic direct push-type rig for the purpose of collecting samples and evaluating subsurface conditions. The sample barrel located at the leading end of the drill rod serves as a soil sampler, and an acetate liner is inserted into the sample barrel rod prior to advancement of the push rod. Once the sample is collected, the rods and sampler are retracted and the acetate sample tubes are removed from the sampler. The sample barrel is then cleaned, filled with clean acetate liners, inserted into the borehole and advanced to the next sampling point where the sample collection process is repeated.

Undisturbed soil samples selected for laboratory analysis are cut away from the acetate sample liner using a hacksaw, or equivalent tool, in sections approximately 6 inches in length. The 6 inch samples are lined at each end with Teflon® sheets and capped with plastic caps. Labels documenting project number, borehole identification, collection date, and depth are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California for analysis. The remaining collected soil that has not been selected for laboratory analysis is logged using the United Soil Classification System (USCS) under the direction of a State Registered Professional Geologist, and is field screened for organic vapors using a photo ionization detector (PID), or an equivalent tool.

Borehole Advancement using Hollow Stem Auger

Pre-cleaned hollow stem augers (typically 8 to 10 inches in diameter) are advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. Often, the borehole location if first sampled using Single-Wall Geoprobe procedures described above. If Geoporbe is not use, then a pre-cleaned split spoon sampler is lined with three 6-inch long brass or stainless steel tubes and attached to the drill rods. The sampler is then driven 18 inches into the underlying soils at the target sample interval by repeatedly dropping a 140-pound hammer over a 30-inch free fall distance. The number of blow counts to drive the sampler each 6-inch interval of sampler advancement are recorded on the field logs. The sampler is driven 18 inches or until the sampler has met refusal (typically 50 blows per six inches), then the sampler is retrieved. Alternatively, soil samples are retrieved by driving the sampler using a pneumatic hammer, when using a limited access rig.

Generally the bottom sample tube is selected for laboratory analysis. The middle tube is extruded for logging and PID screening, and the top tube is considered slough caved off from the sides of the boring prior to sampling. The retained

sample is carefully packaged for chemical analysis by capping each end of the sample with a Teflon sheet followed by a tight-fitting plastic cap and stored in a zip-type plastic bag. A label is affixed to the sample indicating the sample identification number, borehole number, sampling depth, sample collection date, and job number. The sample is then annotated on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency or density, odor, color, and plasticity), drilling difficulty, and soil type as a function of depth are described on boring logs. The soil cuttings are classified in accordance with the USCS.

Hand Auger Borings

Hand auger borings are advanced to shallow depth – typically not exceeding 15 feet bgs. The hand auger boring is typically between 2 and 4 inches in diameter. Soil samples are collected either directly from the hand auger bucket, or using a slide hammer if subsurface conditions allow. Soil samples are contained in one to two-inch diameter, 6-inch long brass soil rings, lined on each end with Teflon sheeting and sealed with plastic end caps. Once the hand auger boring is advanced to the total depth, the boring is abandoned by using a tremmie pipe to grout the borehole from the bottom up. The boring location is capped with concrete.

Grab Groundwater Sample Collection

Once the target groundwater sampling depth has been reached, a one inch diameter schedule 80 polyvinyl chloride (PVC) temporary well casing equipped with five feet of 0.02-inch machine slotted screen and a pre-attached san pack is lowered into the borehole. Grab groundwater samples are collected by lowering a pre-cleaned, single-sample polypropylene, disposable bailer or pre-cleaned stainless steel bailer down the inside of the temporary well casing. The groundwater sample is decanted from the bailer to the sample container through a bottom emptying flow control valve to minimize volatilization.

Collected water samples are decanted directly into laboratory provided, pre-cleaned, vials or containers and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date, and type of preservative (if applicable, i.e. HCl for volatile organic compound analysis) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California to perform the specified tests.

Borehole Completion

Upon completion of drilling and sampling, the inner casing rods are retracted. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the borehole, through the annulus of the outer casing rods. The outer rods are retracted as the grout is introduced to bottom of the boring to prevent the cross contamination of encountered water bearing zones. Displaced groundwater is collected at the surface and placed into DOT approved 55-gallon steel drums, or an equivalent storage container. In areas where the borehole penetrates asphalt or concrete, the borehole is capped with an equivalent thickness of asphalt or concrete patch to match finished grade.

Well Construction (typical)

Selected borings will be converted to groundwater monitoring wells by the installation of 2-inch diameter schedule 40 pvc well casing with 0.020-inch factory slotted well screen as stated in the body of the work plan. A filter pack of Monterey #2/16 grade sand (or equivalent) will be placed in the annular space of the monitoring well borings, extending from the bottom of each well casing to one or two-feet above the top of the screened casing. After emplacement of the sand pack, the submerged screen length is surged using a surge block in order to settle the sand pack. After settlement of the sand pack, a sanitary seal consisting of a 2-foot bentonite is placed on above the filter sand and charged with water to create a seal. Neat cement grout, mixed at a ratio of 6 gallons of water per 94 pounds of Portland cement, is introduced via a tremie pipe to displace standing water in the well annulus bentonite to within two feet of the ground surface. A traffic-rated well box will be installed on each well to protect and finish the well to surface grade.

The groundwater monitoring wells will be allowed to stabilize for a minimum of 72 hours after installation prior to development. Following development, the wells will be allowed stabilize for a minimum of 48 hours prior to the collection of any groundwater samples.

Organic Vapor Reading Collection

Soil samples are collected for analysis in the field for ionizable organic compounds using a PID with a 10.2 eV lamp. The test procedure involves measuring approximately 30 grams from an undisturbed soil sample, placing this sub-sample in a Zip-type bag or foil-wrapped jar. The container is warmed for approximately 20 minutes in the sun; then the head-space within the container is tested for total organic vapor, measured in parts per million as benzene (ppm; volume/volume). The instrument is calibrated prior to drilling. The results of the field-testing are noted on the boring logs. PID readings are useful as a qualitative indication of relative levels of contamination, but cannot be used to quantify petroleum hydrocarbon concentrations with the confidence of laboratory analyses.

Equipment Decontamination

Equipment that could potentially come in contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to drilling and sampling. Drilling auger and other large pieces of equipment are decontaminated using high pressure hot water spray. Soil and groundwater sampling apparatus, groundwater pumps, liners and other equipment are decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater are contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

Waste Handling and Disposal *(Soil Cuttings and Rinsate/Purge Water)*

Soil cuttings and rinsate/purge water generated during drilling and sampling are stored on-site in DOT-approved 55-gallon steel drums pending characterization. A label is affixed to the drums indicating the contents of the drum, suspected contaminants, date of generation, and the boring number from which the waste is generated. The drums are removed from the site by a licensed waste disposal contractor to an appropriate facility for treatment/recycling.

VAPOR SAMPLING

Sampling Train

The sampling apparatus consists of a one or six-liter Summa canister for sample collection and a second 6-liter Summa canister for system purging. The sample train consists of a Swagelok® plug valve, connected by Teflon tubing to a T-fitting which enables the sampling canister and the purge canister to be in-line at the same time. All Summa canisters are equipped with a vacuum gauge, and a flow regulator set to 150 milliliters/minute (mL/min) with an inline vacuum gauge to measure down-hole vacuum.

Shut In Pressure Test

Prior to purging or sample collection, a shut-in pressure test of the sampling train between the Summa® canisters and the vapor plug valve is performed for five (5) minutes by opening and closing the purge canister valve. The vapor tight Swagelok® plug valve remains closed during the process. The initial vacuum reading on the summa is noted, and if that vacuum is not maintained for five (5) minutes, the sampling train is retightened until the vacuum is maintained. The pressure test ensures that the sampling manifold is an air-tight system so that only vapors from beneath the slab are being captured.

Helium Shroud

Once the sample train passes the shut in pressure test, the plug valve is opened, and a 5-gallon bucket is emplaced over the plug valve and T-fitting. A line for helium supply is placed under the shroud, as well as the helium detector. The shroud is sealed in place with bentonite that has been hydrated with distilled water. Helium is then introduced into the shroud and allowed to equilibrate for five minutes prior to sampling. Helium concentrations will be recorded every minute during the equilibration time and purge time, and every 30 seconds during sampling. The concentration in the shroud will be kept above 30%, and efforts will be made to keep within 10% of the target value.

Vapor Purge

After the sampling train passes the shut in pressure test, and the helium atmosphere has had 5 minutes to equilibrate, the vapor probe or well can be purged. Antea Group uses a default 3 purge volumes for vapor wells that are five feet deep or less. One purge volume is calculated using the volume of air in the sand pack and un-hydrated bentonite seal, plus the sample train volume. For sub slab points, Antea Group used a two-liter purge[1]. During purging, the inline vacuum gauge will be monitored to assure that vacuum in the well or probe does not increase above 100 inches of water. Purging is conducted using the 6-Liter purge Summa canister, and the purge volume is considered complete once an appropriate vacuum drop is observed. Helium concentrations in the shroud and vacuum are recorded approximately every minute during purging.

Vapor Sampling

Once purging is complete, the purge Summa canister is closed and the sample Summa canister is opened, the time noted,

[1] Environmental Protection Agency (EPA), Standard Operating Procedure (SOP) for Installation of Sub-Slab Vapor Probes and Sampling Using EPA Method TO-15 to Support Vapor Intrusion Investigations.

and helium concentrations recorded every 30 seconds to a minute in a 1-Liter summa canister, and every 2 to 3 minutes in a 6-Liter Summa canister. Sampling is stopped when the vacuum gauge reads -5 inHg.

Rainfall/ Barometric Pressure Considerations

Vapor sampling will not take place in outdoor vapor wells within five days of a significant rainfall (1/2 inch over 24 hour period). Vapor sampling indoor or outdoor may not take place during the passage of a frontal system.

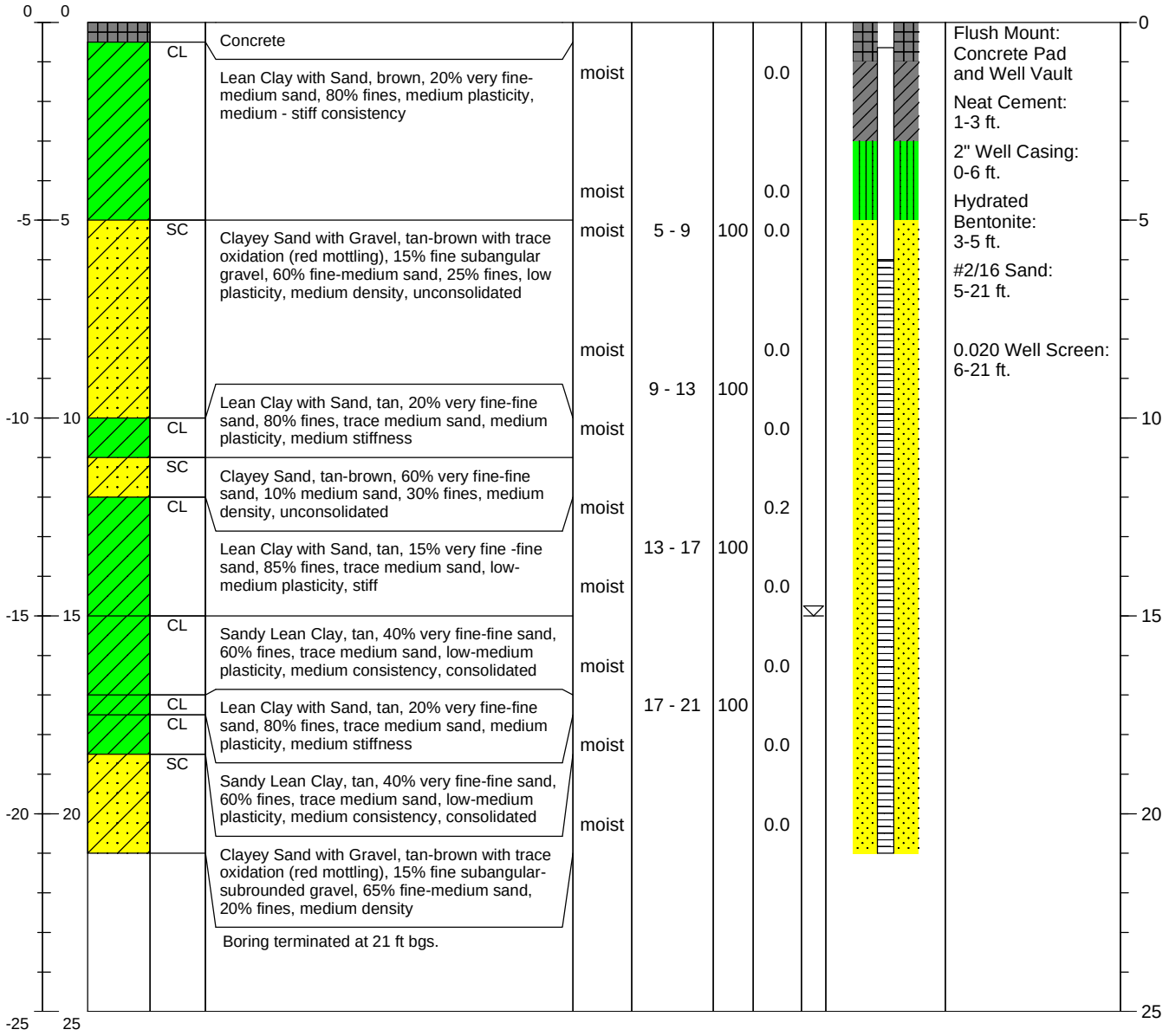
Appendix F

Boring Log

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-25**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg Drilling & Testing**	Ground Surface Elevation:	Top of Casing Elevation:
	Drilling Method **Air Knife / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **N. Periat**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **SCH 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **1/16/15**	Date Drilling Completed **1/16/15**

LITHOLOGY **SAMPLING DATA**



Air Knife 0-5 ft.

First Encountered Groundwater Static Groundwater

Appendix G

Well Development Field Data Sheet

GREGG

MONITORING WELL DEVELOPMENT LOG

All measurements taken from: ☒ Top of Casing ☐ Protective Casing ☐ Ground Level

Sample ID —

Well Number MW-25
Date 1-27-15
Time Start: 915 End: 1110
Client Antea group
Project 76 Station # 6396
Job Number D2150027
Installation Date
Well Diameter 2"

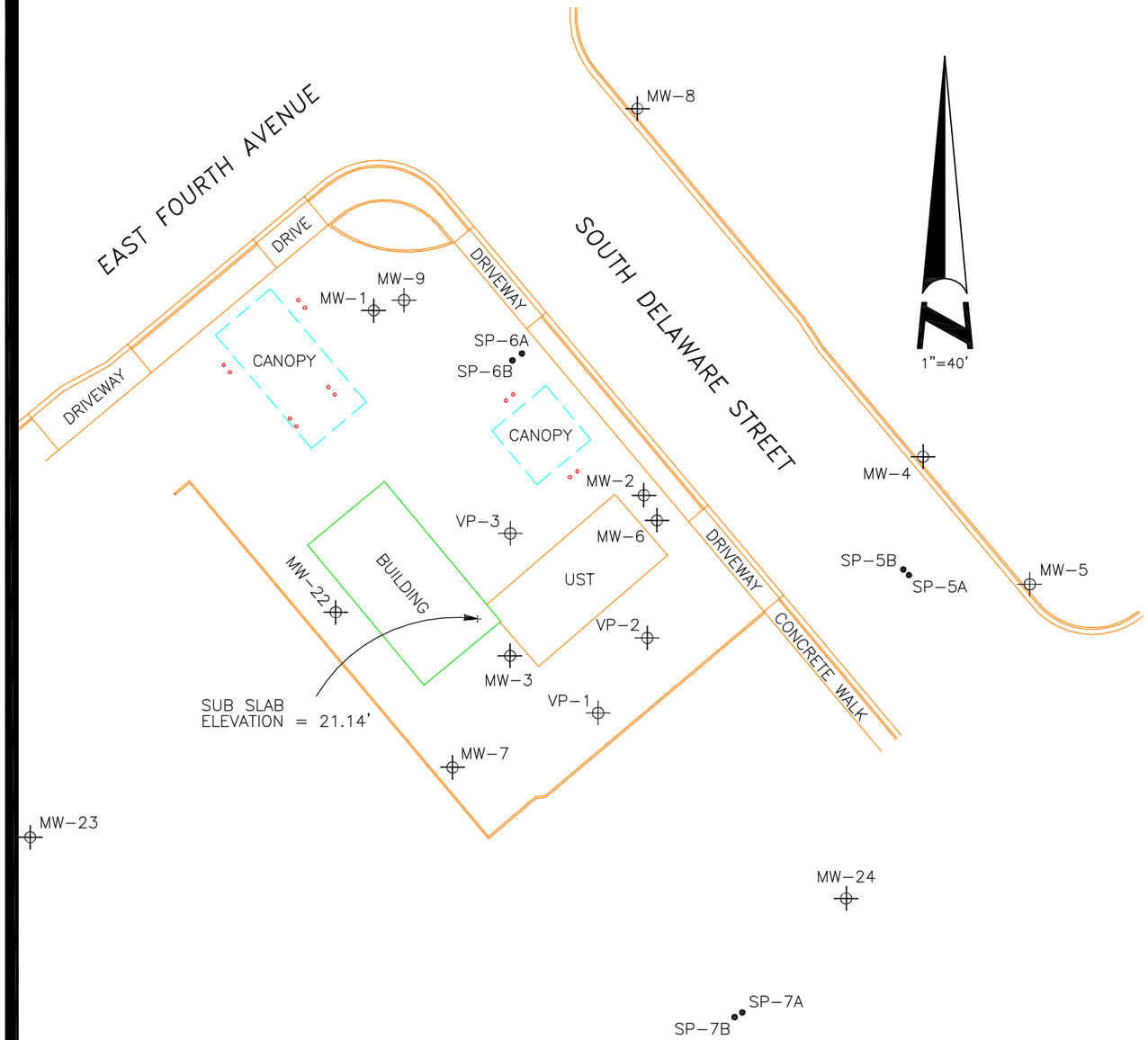
Borehole Diameter 8"
Screen Length 10FT
Measured Depth (pre-development) 20.05
Measured Depth (post-development) 20.05
Static Water Level (ft.) 14.54
Standing Water Column (ft.) 5.51
One Casing Volume (gal.) 0.9367
One Annulus Vol. (gal.)

Qty. of Drilling Fluid Lost —
Minimum Gal. to be Purged 9.3367
Development Method Bail-Surge-Bail-pump
Purging Equipment SS Bailer-2" pump
Water Level Equipment Solinst
pH/EC Meter horiba U52
Turbidity Meter Horiba U52
Other

Time	Amount Purged (gal.)	Field Parameters Measured: pH	EC	Turbidity	D.O.	Temperature	SAL.	GPM / W.L.	W.L.	Comments	Field Tech.
1016	~~10~~ 20	7.52	.542	853	—	16.77	0.3	1/2	14.88	Bail-89gl	
1014	22	7.43	.529	367	—	17.10	0.3	1/2	14.96	Surge 10min	
1018	24	7.45	.531	260	—	17.12	0.3	1/2	14.96	Bail-59gl	
1022	26	7.05	.533	85.3	—	17.09	0.3	1/2	14.96		
1026	28	7.06	.532	24.7	—	17.20	0.3	1/2	14.96		
1029	30	7.05	.533	26.5	—	17.22	0.3	1/2	14.96		
1031	31	7.05	.531	24.2	—	17.21	0.3	1/2	14.96		
1033	32	7.04	.532	25.6	—	17.20	0.3	1/2	14.96		
1035	33	7.06	.535	24.9	—	17.18	0.3	1/2	14.96		
1037	34	7.03	.533	24.5	—	17.15	0.3	1/2	14.96		
1039	35	7.05	.531	26.5	—	17.19	0.3	1/2	14.96		
FINAL FIELD PARAMETER MEASUREMENTS											
1041	36	7.04	.533	25.6	—	17.20	0.3	1/2	14.96		

Appendix H

Survey Data



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)	ELEV (GND)
POINTS SURVEYED FOR SECOR (STANTEC) IN 2005 AND 2007:							
MW-1	2033722.9	6034418.4	37.5661132	-122.3192523	19.46	19.83	
MW-2	2033668.7	6034497.7	37.5659685	-122.3189753	19.11	19.43	
MW-3	2033621.6	6034458.4	37.5658371	-122.3191075	20.69	21.09	
MW-4	2033680.0	6034579.6	37.5660039	-122.3186934	19.02	19.27	
MW-5	2033642.6	6034610.9	37.5659028	-122.3185829	18.89	19.47	
MW-6	2033661.3	6034501.6	37.5659485	-122.3189615	19.07	19.48	
MW-7	2033588.9	6034441.6	37.5657463	-122.3191636	21.74	22.17	
MW-8	2033782.2	6034495.8	37.5662799	-122.3189894	18.42	18.81	
MW-9	2033725.9	6034427.3	37.5661219	-122.3192218	19.42	19.71	
VP-1	2033604.9	6034484.3	37.5657924	-122.3190173		21.35	
VP-2	2033626.9	6034498.7	37.5658536	-122.3189690		20.41	
VP-3	2033657.5	6034458.5	37.5659357	-122.3191097		20.31	
SP-5A	2033645.3	6034575.5	37.5659083	-122.3187054			19.6
SP-5B	2033647.0	6034573.8	37.5659128	-122.3187111			19.7
SP-6A	2033710.3	6034461.9	37.5660808	-122.3191014			19.3
SP-6B	2033708.3	6034459.1	37.5660751	-122.3191109			19.3
SP-7A	2033517.0	6034526.6	37.5655534	-122.3188656			20.8
SP-7B	2033515.6	6034524.3	37.5655495	-122.3188731			20.9
SP-8A	2033648.6	6034716.5	37.5659249	-122.3182190			19.1
SP-8B	2033647.2	6034714.9	37.5659211	-122.3182246			19.1
SUB SLAB	2033632.5	6034448.9	37.5658663	-122.3191413			
POINTS SURVEYED FOR ANTEA GROUP ON 5-16-13:							
MW-20	2033561.2	6034662.1	37.5656820	-122.3184010	19.01	19.45	
MW-21	2033652.7	6034721.9	37.5659364	-122.3182007	18.52	19.00	
POINTS SURVEYED FOR ANTEA GROUP ON 7-1-13:							
MW-22	2033634.4	6034407.3	37.5658693	-122.3192848	20.86	21.30	
MW-23	2033568.4	6034317.7	37.5656834	-122.3195895	22.33	22.79	
MW-24	2033550.4	6034557.1	37.5656468	-122.3187625	19.51	20.15	
POINTS SURVEYED FOR ANTEA GROUP ON 2-6-15:							
MW-25	2033636.9	6034937.1	37.5659047	-122.3174572	18.60	18.90	

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.
COORDINATE DATUM IS NAD 83(1986).
DATUM ELLIPSOID IS GRS80.
REFERENCE GEOID IS NGS99.
CORS STATIONS USED WERE FARB AND DIAB.
VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

0 20 40 80 120

SCALE IN FEET

Monitoring Well Exhibit

Prepared For:

Antea Group

ConocoPhillips 76 Station No. 6390
402 South Delaware Street
San Mateo
San Mateo County
California

Morrow Surveying
LAND SURVEYORS

1255 Starboard Dr.
West Sacramento
California 95691
(916) 372-8124
mark@morrowsurveying.com

Date: May, 2013
Field: 5-16-13,7-1-13 SF
Scale: 1" = 40'
Revised: 7-8-13,2-15
Field Book: MW-56,57
Dwg. No. 1275-164 MAM
Ref: 7228-244 JL

Appendix I

Non-Hazardous Waste Manifests—Well Installation

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

446047
↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
2/11/15		198/470	A07	44074	0011

Generator and/or Consultant

Generator's Name and Billing Address:
PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Phone #: 818-206-5705
Person to Contact:
FAX#:
Customer Account Number:

Consultant's Name and Billing Address:

Consultant's Phone #:
Person to Contact:
FAX#:
Customer Account Number:

Generation Site (Transport from): *(name & address)*
76 STATION NO. 256390
402 S. DELAWARE ST.
SAN MATEO, CA 94402

Site Phone #:
Person to Contact:
FAX#:

Designated Facility (Transport to): *(name & address)*
SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001
Person to Contact: JOE PROVANSAL
FAX#: (760) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 251615

Transporter's Phone #: 949-460-5200
CAR000183913
Person to Contact: LARRY MOOTHART
460847
FAX#: 949-460-5210
Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	2 CM		39180	38100	1080
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					54

List any exception to items listed above:
Scale Ticket # 118193

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☒
DAVID SISAK ON BEHALF OF PLATINUM ENERGY
Signature and date:
Month: 02 Day: 11 Year: 15

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: RYAN Solace
Signature and date:
Month: 3 Day: 5 Year: 15

Recycling Facility

Discrepancies:
256390
1125068

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: J. PROVANSAL
Signature and date: 3-11-15

Please print or type.

TRANSPORTER COPY

NO. 715382

30

NON-HAZARDOUS WASTE DATA FORM

BEST # 251615

GENERATOR

Generator's Name and Mailing Address
PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Site Address (if different than mailing address)
76 STATION NO. 256390
402 S. DELAWARE ST.
SAN MATEO, CA 94402

Generator's Phone: 818-206-5705

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1

Container type transported to receiving facility:
☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 55 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER
GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name: DAVID SUNG ON BEHALF OF PLATINUM ENERGY
Signature: [signature]
Month 02 Day 11 Year 15

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Larry Moothart
Signature: [signature]
Month 3 Day 5 Year 15

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC.
Phone#: 714-990-6855

Transporter 2 Printed/Typed Name: Jeff Wyrick
Signature: [signature]
Month 3 Day 16 Year 15

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

Printed/Typed Name: Mary
Signature: Mary
Month 03 Day 17 Year 15

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

256390
1128660

Appendix J

Blaine Tech Services' Groundwater Sampling Procedures

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for DELTA comply with safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any DELTA COP/ELT site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.
Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less

than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading or Non-Hazardous manifest to a Blaine Tech Services, Inc. facility before being transported to an approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Upon request, a Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Upon request, one Duplicate sample is collected at each site. It is up to the Field Technician to choose the well at which the Duplicate is collected. Typically, a duplicate is collected from one of the most contaminated wells. The Duplicate sample is labeled DUP thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps

and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 550 meter). These meters are equipped with membrane probe that enables them to collect accurate in-situ readings.

The probe and reel is decontaminated between wells as described above. The meter is calibrated as per the instructions in the operating manual. The probe is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

Blaine Tech Services, Inc.
Standard Operating Procedure

LOW-FLOW SAMPLING

Rediflo2

1. Calibrate YSI Flow Cell as per manufacturer's specifications. Thoroughly rinse probe and cup between parameters. Calibration order as follows:

    A. pH (use 3-point calibration of 7, 4, 10)
    B. Oxygen Reduction Potential (ORP)
    C. Specific Conductance
    D. Dissolved Oxygen (DO) (calibrate simulating 100% oxygen saturation)

2. Thoroughly decontaminate pump and reel.
3. Remove dedicated PE tubing from the well or start with new PE tubing cut to the required length.
4. Attach the PE tubing to the Rediflo2 Pump.
5. Gently lower the Rediflo2 pump and PE tubing into the well, placing the Rediflo2 Pump intake at the center of the wetted screened interval. Take care to minimize disturbance to the water column.
6. Direct effluent line into YSI 556 Flow Cell.
7. Set Rediflo2 Pump speed at 100 - 500 ml/min.
8. Collect water quality parameter measurements for temperature, pH, conductivity, turbidity, DO and ORP every 3-5 minutes.
9. Monitor drawdown during purging with electronic water level meter. Record water level with each parameter measurement. MAXIMUM DRAWDOWN IS 0.33 FEET.
10. Collect parameter measurements until stability is achieved. Stability is defined as three consecutive measurements where:

Temp	± 1° Celsius
pH	± 0.1
Conductivity	± 3%
Turbidity	± 10% NTU
DO	± 0.3 mg/l
ORP	± 10 Mv

11. Disconnect effluent line from YSI 556 Flow Cell.
12. Sample through effluent line while maintaining constant flow rate.
13. Remove Rediflo2 Pump and PE tubing from well.
14. Detach and reinstall dedicated PE tubing in well.

Blaine Tech Services, Inc.
Standard Operating Procedure

Purge Water Handling Procedure

Purpose

Control of non-hazardous purge water disposal. This procedure outlines the handling and disposing of non-hazardous purge water for the DELTA/COP portfolio.

Procedure

1) All purge and rinsate water will be contained in onboard truck tanks or trailers. Water may be commingled with other sites in the same portfolio of DELTA/COP sites.

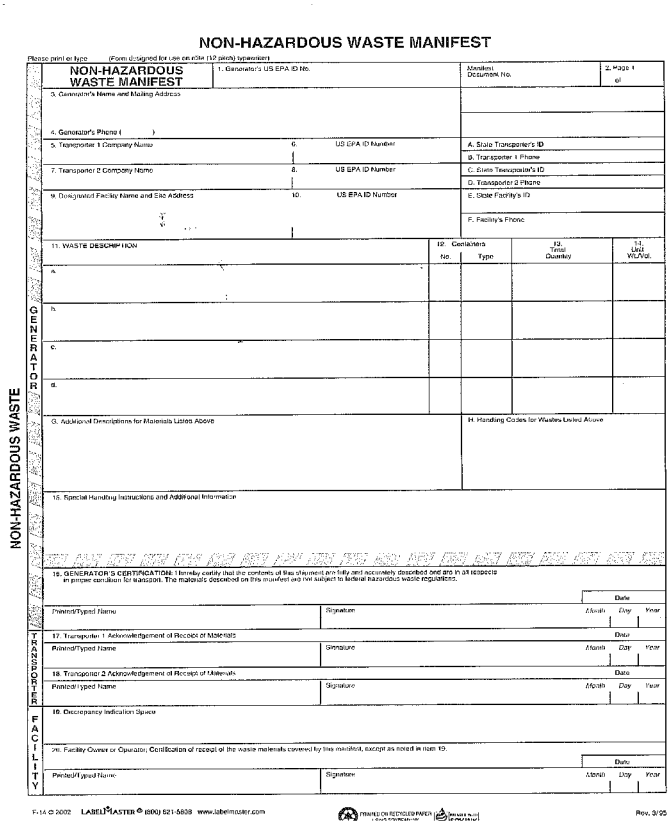
2) A Non-Hazardous Waste manifest will be generated prior to leaving site.

3) All water will be offloaded into a commingled DELTA/COP tank at BLAINE facility.

4) Water will then be offloaded from the DELTA/COP tank and the BLAINE facility and transported to a disposal facility.

   For Southern California sites water will be disposed at Crosby and Overton in Wilmington, CA.
   For Northern California water will be disposed at Seaport Environmental in Redwood City, CA.

Example Manifest:



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No.
2. Page 1 of

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name
6. US EPA ID Number
A. State Transporter's ID
B. Transporter 1 Phone

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Month Day Year | Date

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year | Date

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

F-1A © 2002 LABELMASTER © (800) 621-5808 www.labelmaster.com Rev. 9/05

Appendix K

Blaine Tech Services' Groundwater Sampling Field Data Sheets

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 256390 Site Address: 402 Delaware St. San Mateo, CA

Field Technician: Nicholas Drachenberg + BTS (Print Full Name & Company*) Date: 2/25/15 Weather: 65°, clear

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
9	MW-4	G	G	G	G	G	N	2	0856	13.68	26.80			
19	MW-6	G	G	G	G	G	Y	2	0942	13.49	18.80			
10	MW-7	G	G	G	G	G	N	2	0900	15.72	24.25			
7	MW-8	G	G	G	G	G	N	2	0850	12.81	29.75			
5	MW-9	G	G	G	G	G	Y	2	0845	13.62	14.82			
16	MW-10R	G	G	G	G	G	N	2	0930	13.77	20.39			
13	MW-12B	G	G	G	G	G	N	2	0916	13.72	28.78			
17	MW-13B	G	G	G	G	G	N	2	0938	13.61	30.88			
8	MW-14B	G	G	G	G	G	N	2	0852	12.97	28.10			
12	MW-15B	G	G	G	G	G	N	2	0911	13.99	26.32			
6	MW-17B	G	G	G	G	G	N	2	0847	13.00	27.03			
18	MW-18	*	UNABLE				TO		ACCESS *					Parked over - 2/25/15→2/26/15
15	MW-19	G	G	G	G	G	N	2	0925	13.69	20.51			
11	MW-20	G	G	G	NL	G	Y	2	0907	13.86	20.40			
14	MW-21	G	G	G	G	G	N	2	0920	13.45	20.80			

Notes: All caps popped and returned to well after 15 mins. to gauge

** All well caps opened at least 15 minutes or longer before gauging wells:
CIRCLE ONE: (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 256390 Site Address: 402 Delaware St. San Mateo, CA

Field Technician: Nicholas Drachenberg + BTS Date: 2/25/15 Weather: 65° clear

(Print Full Name & Company*)

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
3	MW-22	G	G	G	G	G	N	2		14.95	20.45			Heavy root intrusion
2	MW-23	G	G	G	G	G	N	2	0835	16.10	30.60			
4	MW-24	G	P	G	G	G	N	2	0840	14.13	20.72			
1	MW-25	G	G	G	G	G	N	2	0940	13.91	19.80			Parked over - 2/25/15

Notes: All caps popped for 15 mins. prior to gauging
MW-22: root intrusion @ 12 ft.

** All well caps opened at least 15 minutes or longer before gauging wells:
CIRCLE ONE: (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Groundwater Sampling Form

Site Address:	402 S DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-4	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	13.68	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	26.80	Water Column Height (ft):	13.12

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0940 **Stop Time:** 0955

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.73		
0943	18.8	6.49	532	—	84	2.11	600	13.73
0946	19.4	6.38	533	—	81	1.78	1200	13.74
0949	19.4	6.36	535	—	76	1.33	1800	13.75
0952	19.4	6.36	536	—	74	1.28	2400	13.76
0955	19.5	6.35	538	—	71	1.24	3000	13.77
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN
PUMP INTAKE: 16'

Sample Info:

Sample ID: MW-4_20150228 Sample Date and Time: 2/26/15 @ 1000

Selected Analysis: SEE COC

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-6	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	13.49	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	18.80	Water Column Height (ft):	5.31

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1234 Stop Time: 1249

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.37		
1237	21.2	6.50	1044	—	78	1.62	600	13.57
1240	21.2	6.43	1044	—	64	0.45	1200	13.59
1243	21.2	6.41	1045	—	59	0.42	1800	13.61
1246	21.3	6.41	1047	—	53	0.35	2400	13.63
1249	21.3	6.40	1050	—	50	0.33	3000	13.65
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN
PUMP INTAKE: 17'

Sample Info:

Sample ID:	MW-6_20150228	Sample Date and Time:	2/26/15 @ 1250
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. DELAWARE ST. SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-7	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	15.72	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	24.25	Water Column Height (ft):	8.53

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / ~~Peristaltic Pump~~ / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1012 Stop Time: 1027

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						3.26		
1015	19.2	6.71	490	—	42	2.01	600	15.75
1018	19.3	6.70	486	—	35	1.84	1200	15.78
1021	19.5	6.69	481	—	30	1.73	1800	15.80
1024	19.6	6.69	479	—	28	1.71	2400	15.82
1027	19.7	6.70	475	—	25	1.68	3000	15.84
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN

PUMP INTAKE: 23'

Sample Info:

Sample ID: MW-7_20150228 Sample Date and Time: 2/26/15 @ 1030

Selected Analysis: SEE COC

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-8	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	12.81	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	29.75	Water Column Height (ft):	16.94

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 0830 Stop Time: 0845

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.86		
0833	18.7	6.34	549	—	23	2.27	600	12.84
0836	18.9	6.32	550	—	21	1.50	1200	12.86
0839	18.9	6.33	550	—	20	1.37	1800	12.88
0842	19.0	6.31	552	—	20	1.34	2400	12.90
0845	19.0	6.30	553	—	18	1.32	3000	12.91
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal)~~: 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/min
PUMP INTAKE: 24'

Sample Info:

Sample ID: MW-8_20150228 Sample Date and Time: 2/26/15 @ 0850

Selected Analysis: SEE COC

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. - San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-9	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	13.62	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	-	Thickness of LNAPL (ft):	-
Total Depth of Well (ft bgs):	14.82	Water Column Height (ft):	1.20

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / (Peristaltic Pump) / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal):_____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1440 Stop Time: 1458

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge						7.24		
1443	20.2	6.82	569	23.6	23	7.15	300	13.62
1446	20.2	6.57	541	302	23	6.42	600	13.63
1449	20.1	6.38	516	39.2	16	6.35	900	13.64
1452	20.2	6.36	508	41.4	18	6.38	1200	13.65
1455	20.2	6.36	506	41.6	20	6.42	1500	13.65
1458	20.2	6.36	508	41.9	21	6.44	1800	13.66
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal)/mL: 1800

Other Comments: 100 mL/min purged through flowcell
pump depth: 14.80
DTW: 13.66
80%: 13.86

Sample Info:

Sample ID: MW-9_20150228 Sample Date and Time: 2/25/15 @ 1505

Selected Analysis: see COC

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature:_____ Date: 2/25/15

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-10R	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	13.77	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.39	Water Column Height (ft):	6.62

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / (Peristaltic Pump) / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1114 Stop Time: 1129

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.32		
1117	20.8	6.44	1223	—	158	1.68	600	13.80
1120	20.7	6.43	1234	—	123	0.85	1200	13.81
1123	20.9	6.44	1237	—	109	0.61	1800	13.81
1126	21.0	6.44	1240	—	106	0.58	2400	13.82
1129	21.1	6.45	1242	—	104	0.56	3000	13.82
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN

PUMP INTAKE: 16'

Sample Info:

Sample ID:	MW-10R_20150228	Sample Date and Time:	2/26/15 @ 1130
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. - San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-12B	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	13.72	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	–	Thickness of LNAPL (ft):	–
Total Depth of Well (ft bgs):	28.78	Water Column Height (ft):	15.06

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1108 **Stop Time:** 1126

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume (gal) Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge						2.21		
1111	19.6	6.59	573	-15.4	24	1.86	300	13.72
1114	19.7	6.48	571	-6.5	19	0.93	600	13.76
1117	19.7	6.46	566	-5.7	22	0.67	900	13.80
1120	19.7	6.45	565	-3.6	20	0.54	1200	13.85
1123	19.7	6.44	566	-2.6	21	0.50	1500	13.93
1126	19.7	6.44	566	-2.8	21	0.51	1800	14.00
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal)/mL: 1800

Other Comments: purged through flowcell, 100 mL/min, pump depth: 24ft. Out of clear to dirty order - traffic control
80Y.: 16.73
DTW: 14.00

Sample Info:

Sample ID:	MW-12B_20150228	Sample Date and Time:	2/25/15 @ 1130
Selected Analysis:	see COC		

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-13B	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	13.61	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	30.88	Water Column Height (ft):	17.27

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / Electric Submersible / (Peristaltic Pump) / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / (Dedicated Tubing) / Disposable Tubing / Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1204 Stop Time: 1219

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.48		
1207	20.9	6.91	571	—	43	1.61	600	13.65
1210	21.1	6.73	561	—	36	1.18	1200	13.66
1213	21.0	6.65	558	—	30	0.82	1800	13.67
1216	21.1	6.62	557	—	28	0.80	2400	13.68
1219	21.2	6.62	555	—	27	0.76	3000	13.69
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN

** FD1_20150228 @ 1225 PUMP INTAKE: 24'

Sample Info:

Sample ID:	MW-13B_20150228	Sample Date and Time:	2/26/15 @ 1220
Selected Analysis:	SEE COC		

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Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-14B	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	12.97	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	28.10	Water Column Height (ft):	15.13

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal):—

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 0903 **Stop Time:** 0918

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.56		
0906	19.0	6.48	529	—	68	2.34	600	13.02
0909	19.0	6.43	530	—	64	1.71	1200	13.03
0912	19.1	6.41	531	—	59	1.60	1800	13.04
0915	19.1	6.40	531	—	57	1.59	2400	13.05
0918	19.1	6.40	532	—	53	1.55	3000	13.06
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN
PUMP INTAKE: 24'

Sample Info:

Sample ID:	MW-14B_20150228	Sample Date and Time:	2/26/15 @ 0925
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. - San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-15B	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	13.99	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	-	Thickness of LNAPL (ft):	-
Total Depth of Well (ft bgs):	26.32	Water Column Height (ft):	12.33

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
(Bladder Pump)
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1152 **Stop Time:** 1210

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal) (mL)	Water Level (for Low-Flow only)
Pre-Purge						6.40		
1155	20.6	6.30	639	55.8	21	5.48	300	14.03
1158	20.7	6.20	622	57.0	17	5.32	600	14.07
1201	20.3	6.18	621	62.2	17	5.61	900	14.10
1204	20.4	6.16	620	63.0	18	5.67	1200	14.12
1207	20.3	6.15	621	58.5	12	5.60	1500	14.15
1210	20.4	6.15	621	60.1	13	5.63	1800	14.17
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): mL : 1800

Other Comments: Purged through flowcell, 100 mL/min, pump depth: 24 ft.
80%: 16.45
DTW: 14.17
Out of clear to dirty - traffic control

Sample Info:

Sample ID:	MW-15B_20150228	Sample Date and Time:	2/25/15 @ 1215
Selected Analysis:	See COC		

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Signature: _____ Date: 2/25/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. – San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-17B	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	13.00	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	–	Thickness of LNAPL (ft):	–
Total Depth of Well (ft bgs):	27.03	Water Column Height (ft):	14.03

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1515 **Stop Time:** 1539

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume (mL) Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						3.75		
1518	19.7	6.51	537	34.3	194	3.94	300	13.03
1521	19.7	6.33	513	44.6	143	4.61	600	13.08
1524	19.5	6.27	500	52.5	86	5.12	900	13.11
1527	19.5	6.26	498	55.7	42	4.90	1200	13.13
1530	19.5	6.28	491	56.0	31	5.24	1500	13.15
1533	19.6	6.30	489	56.0	12	5.23	1800	13.16
1536	19.6	6.29	490	55.9	9	5.20	2100	13.17
1539	19.5	6.29	490	56.0	10	5.20	2400	13.17
Post-Purge								

Did Well dewater? Yes (No)

Total Purge volume (gal)/mL : 2400

Other Comments:
pump depth: 24 ft.
100 mL/min
purged through flowcell

DTW: 13.17
80%: 15.80

Sample Info:

Sample ID:	MW-17B_20150228	Sample Date and Time:	2/25/15 @ 1545
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. DELAWARE ST, SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-18	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	—	Well Diameter (in):	2 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	—	Water Column Height (ft):	—

Purging Info and Calculations:

Purge Method:
Low-Flow
3 casing volumes
Other:

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:

Water Column Height (ft): X Conversion Factor (gal/ft): = Casing Volume (gal):

Casing Volume (gal): X Specified Volumes: = Calculated Purge (gal):

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** **Stop Time:**

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge								
*	WELL	PARKED	OVER	FOR TWO	DAYS			
*	AUTO	REPAIR	SHOP	CONTACTED	CAR	OWNER	ON 2/26/15.	
	CAR	OWNER	NOT ABLE TO	MOVE VEHICLE	UNTIL			
	THURSDAY	NIGHT	(2/26).					
Post-Purge								

Did Well dewater? Yes No Total Purge volume (gal): —

Other Comments:

Sample Info:

Sample ID:	—	Sample Date and Time:	—
Selected Analysis:	—		

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. DELAWARE ST. SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-19	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	13.69	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.51	Water Column Height (ft):	6.82

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes Other:_____

Purge Equipment: Disposable Bailer, Electric Submersible, (Peristaltic Pump), Bladder Pump Other:_____

Sample Collection Method: Disposable Bailer, Extraction Port, (Dedicated Tubing), Disposable Tubing Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 1043 Stop Time: 1058

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						2.15		
1046	19.3	6.55	638	—	27	1.31	600	13.73
1049	19.3	6.47	642	—	23	0.87	1200	13.74
1052	18.9	6.44	646	—	20	0.56	1800	13.75
1055	18.8	6.42	639	—	18	0.52	2400	13.76
1058	18.6	6.41	638	—	17	0.49	3000	13.77
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal):~~ 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/MIN

PUMP INTAKE: 16'

Sample Info:

Sample ID:	MW-19_20150228	Sample Date and Time:	2/26/15 @ 1100
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. - San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-20	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	13.86	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	20.40	Water Column Height (ft):	6.54

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1223 **Stop Time:** 1241

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal) (mL)	Water Level (for Low-Flow only)
Pre-Purge						3.65		
1223	20.0	6.13	598	49.8	24	1.92	300	13.87
1226	20.1	6.06	591	43.0	38	1.81	600	13.88
1229	20.5	6.03	580	39.4	28	1.43	900	13.89
1232	19.9	6.02	578	36.5	22	0.77	1200	13.90
1235	20.1	6.01	569	33.4	21	0.50	1800	13.91
1238	20.0	6.01	575	33.2	21	0.47	2100	13.92
1241	20.1	6.02	576	33.4	19	0.49	2400	13.93
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal)/mL: 2400

Other Comments: 100 mL/min, pump depth: 20 ft. * purged through flow cell
Out of clean to dirty order - traffic control
DTW: 13.93
80%: 15.16

Sample Info:

Sample ID:	MW-20_20150228	Sample Date and Time:	2/25/15 @ 1245
Selected Analysis:	see COC		

This form was provided by Antea Group and completed by: (Print Full Name) Nicholai Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. - San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-21	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	13.45	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	-	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	20.80	Water Column Height (ft):	7.35

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
Electric Submersible
(Peristaltic Pump)
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1028 **Stop Time:** 1049

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume (mL) Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						2.36		
1031	18.9	6.39	848	-71.0	32	1.28	300	13.47
1034	19.1	6.33	854	-77.0	42	1.09	600	13.50
1037	19.3	6.32	856	-89.0	57	1.01	900	13.53
1040	19.4	6.32	858	-96.5	56	0.84	1200	13.56
1043	19.4	6.32	859	-97.6	59	0.69	1500	13.58
1046	19.5	6.33	860	-98.2	53	0.65	1800	13.61
1049	19.5	6.32	859	-97.9	54	0.66	2100	13.61
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal)/mL: 2100 mL

Other Comments: Pump depth: 18ft 100 mL/min purged through flowcell * 80% : 14.92 DTW: 13.61

Out of clean to dirty order due to traffic control

Sample Info:

Sample ID:	MW-21_20150228	Sample Date and Time:	2/25/15 @ 1055
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. – San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-22	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	14.95	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	–	Thickness of LNAPL (ft):	–
Total Depth of Well (ft bgs):	20.45	Water Column Height (ft):	5.50

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
(Peristaltic) Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
(Dedicated Tubing)
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1410 **Stop Time:** 1422

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume (mL) Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						4.14		
1413	20.0	6.69	625	-65.2	>1000	2.20	300	14.96
1416	20.1	6.69	531	-64.9	137	2.19	600	14.98
1419	20.1	6.69	528	-64.3	145	2.19	900	14.99
1422	20.1	6.68	528	-64.2	140	2.17	1200	14.99
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal)/mL: 1200

Other Comments: pump depth: 20 ft. 80 %: 16.05 DTW: 14.99
100 mL/min
purged through flowcell

Sample Info:

Sample ID:	MW-22_20150228
Sample Date and Time:	2/25/15 @ 1425
Selected Analysis:	See COC

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

anteagroup
Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. – San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-23	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	16.10	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	–	Thickness of LNAPL (ft):	–
Total Depth of Well (ft bgs):	30.60	Water Column Height (ft):	14.50

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1335 **Stop Time:** 1353

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume (mL) Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						3.68		
1338	19.4	6.39	536	61.0	49	2.98	300	16.12
1341	19.5	6.26	537	61.8	42	3.14	600	16.15
1344	19.5	6.24	538	58.2	34	2.91	900	16.17
1347	19.5	6.26	538	50.2	30	2.99	1200	16.19
1350	19.5	6.25	537	49.8	30	2.95	1500	16.21
1353	19.5	6.25	537	50.0	29	2.98	1800	16.22
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal)/mL: 1800

Other Comments: pump depth: ~25 ft, purged through flow cell. 100 mL/min. DTW: 16.22. 80%: 19.00. MW-25 parked over, out of clean to dirty.

Sample Info:

Sample ID:	MW-23_20150228	Sample Date and Time:	2/25/15 @ 1400
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S. Delaware St. - San Mateo, CA		
Project No:	256390	Field Technician:	ND
Field Point:	MW-24	Date:	2/25/15
Depth to Water (DTW) (ft bgs):	14.13	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):	—	Thickness of LNAPL (ft):	—
Total Depth of Well (ft bgs):	20.72	Water Column Height (ft):	6.59

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other:_____

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 0947 **Stop Time:** 1005

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						3.01		
0950	17.9	7.08	482	62.3	57	4.45	300	14.13
0953	18.3	6.83	476	63.5	55	4.30	600	14.16
0956	18.6	6.71	478	64.5	33	4.30	900	14.19
0959	18.7	6.62	482	64.6	36	4.37	1200	14.21
1002	18.7	6.63	484	64.5	30	4.40	1500	14.28
1005	18.6	6.63	480	64.5	31	4.38	1800	14.33
							1	
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): mL : 1800 mL

Other Comments: Pump depth: 19.5 100 mL/min * purged through flow cell * 80% : 15.44 DTW : 14.33
Out of clean to dirty order due to construction by PG+E down street, MW-24 needed to be completed ASAP due to traffic concerns

Sample Info:

Sample ID:	MW-24_20150228	Sample Date and Time:	2/25/15 @ 1010
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Nicholas Drachenberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/25/15

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 S DELAWARE ST SAN MATEO, CA		
Project No:	256390	Field Technician:	DC
Field Point:	MW-25	Date:	2/26/15
Depth to Water (DTW) (ft bgs):	13.91	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	19.80	Water Column Height (ft):	5.89

Purging Info and Calculations:

Purge Method: (Low-Flow) 3 casing volumes Other:_____

Purge Equipment: Disposable Bailer; Electric Submersible; (Peristaltic Pump); Bladder Pump Other:_____

Sample Collection Method: Disposable Bailer; Extraction Port; (Dedicated Tubing); Disposable Tubing Other:_____

Water Column Height (ft):— X Conversion Factor (gal/ft):— = Casing Volume (gal):—

Casing Volume (gal):— X Specified Volumes:— = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 0752 Stop Time: 0809

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged ~~(gal)~~ mL	Water Level (for Low-Flow only)
Pre-Purge						3.35		
0755	17.9	6.09	610	—	43	3.13	600	13.97
0758	18.1	6.08	609	—	42	2.35	1200	13.97
0801	18.2	6.15	607	—	45	2.17	1800	13.98
0804	18.1	6.21	604	—	43	2.17	2400	13.98
0807	18.2	6.24	605	—	42	2.11	3000	13.99
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume ~~(gal)~~: 3000 mL

Other Comments: * PURGED THRU FLOWCELL FLOW RATE: 200 mL/min PUMP INTAKE: 19.5'

Sample Info:

Sample ID:	MW-25_20150228	Sample Date and Time:	2/26/15 @ 0815
Selected Analysis:	SEE COC		

This form was provided by Antea Group and completed by: (Print Full Name) DOUG WHICHARD, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 2/26/15

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 402 Delaware St. San Mateo, CA				PROJECT NUMBER 150225-ND1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556	11J102409	2/25/15 0640	4/7/10 pH 3900 cond.	4.0 - 7.0 - 10.0 3900	✓	25°	ND
"	"	"	100% D.O. 231 ORP	99.7% 231 @	✓	25°	↓
YSI 550	03G1029AH	2/25/15 0645	100% D.O	99.8%	✓	25°	↓
YSI 556	05K1408AC	2/26/15 0620	pH 7,10,4	7.00, 10.00, 4.00	Y	18°C	DC
↓	↓	↓	COND 3900uS/cm	3901mS/cm	Y	18°C	DC
			DO 100%	99.4%	Y	18°C	DC
			ORP 240 mV	239 mV	Y	18°C	DC
YSI 550	06E1424AI	2/26/15 0630	DO 100%	99.7%	Y	18°C	DC

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COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 2
Cooler # ____ of ____

1Q15 GW Event

Required Lab Information:		Required Project Information:				Required Invoice Information:			
Lab Name:	Pace	Site ID #:	256390	Task:	WG_Q_201502	Send Invoice to:	Sandy Hayes		
Address:	2795 Second Street #300	AnteaGrp proj#				Address:	11050 White Rock Road, Suite 110		
Davis, CA 95618		Site Address	402 DELAWARE ST			City/State	Rancho Cordova CA 95670	Phone #:	916-638-2085
Lab PM:	Scott Forbes	City	SAN MATEO	State	CA 94402	Reimbursement project?		Non-reimbursement project?	Y Mark one
Phone/Fax:	P: 530-297-4800 F: 530-297-4808	AG PM Name:	Nadine Periat			Send EDD to	agdataview.us@anteagroup.com		
Lab PM email	SForbes@kiffanalytical.com	Phone/Fax:	P: 408-606-4915 F: 408-225-8506			CC Hardcopy report to			
Applicable Lab Quote #:		AG PM Email:	Nadine.Periat@anteagroup.com			CC Hardcopy report to			

Turn around time (days): 10
QC level Required: Standard X Special ____ Mark one
NJ Reduced Deliverable Package?
MA MCP Cert? ____ CT RCP Cert? ____ Mark One
Lab Project ID (lab use)

Valid Matrix Codes: MATRIX — DRINKING WATER WP, GROUND WATER WG, WASTE WATER WW, FREE PRODUCT LF, SOIL SO, OIL OL, WIPE SW, AMBIENT AIR AA, SVE AIR AE, SOIL GAS GS; MATRIX — WATER W, SURFACE WATER WS, WATER QC WQ, SLUDGE SL, RINSEATE WH, OTHER OT, ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260BtexMTBE7OxyCA	8260Naphthalene	Comments/Lab Sample I.D.
1	MW-10R_20150228	WG	G	2/26/15	1130	4	N				X					X	X	X	7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol
2	MW-12B_20150228	WG	G	2/25/15	1130	4	N				X					X	X	X	
3	MW-13B_20150228	WG	G	2/26/15	1220	4	N				X					X	X	X	
4	MW-14B_20150228	WG	G	2/26/15	0925	4	N				X					X	X	X	
5	MW-15B_20150228	WG	G	2/25/15	1215	4	N				X					X	X	X	
6	MW-17B_20150228	WG	G	2/25/15	1545	4	N				X					X	X	X	
7	~~MW-18_20150228~~	WG														X	X	X	
8	MW-19_20150228	WG	G	2/26/15	1100	4	N				X					X	X	X	
9	MW-20_20150228	WG	G	2/25/15	1245	4	N				X					X	X	X	
10	MW-21_20150228	WG	G	2/25/15	1055	4	N				X					X	X	X	
11	MW-22_20150228	WG	G	2/25/15	1425	4	N				X					X	X	X	
12	TB1_20150228	W	G	2/25/15	0645	2	N				X					X	X	X	

Additional Comments/Special Instructions:
150225-ND1

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Nicholas Drachenberg / Blaine Tech	2/25/15	1715	Nicholas Drachenberg (sample custody) / BTS	2/25/15	1715
Doug Whichard / BTS	2/26/15	0630	/ BTS	2/26/15	0630
	2/26/15	1500			

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Nicholas Drachenberg + Doug Whichard
SIGNATURE of SAMPLER:
DATE Signed: 2/25/15 Time: 1715

Sample Receipt Conditions

	Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	(Y) N	(Y) N	(Y) N	(Y) N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N

20150228 256390 WG_Q_201502 BO

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

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1Q15 GW Event

Required Lab Information:		**Required** Project Information:				**Required** Invoice Information:					
Lab Name:	Pace	Site ID #:	256390	Task:	WG_Q_201502	Send Invoice to:	Sandy Hayes				
Address:	2795 Second Street #300	AnteaGrp proj#				Address:	11050 White Rock Road, Suite 110			Turn around time (days)	10
Davis, CA 95618		Site Address	402 DELAWARE ST			City/State	Rancho Cordova CA 95670	Phone #:	916-638-2085	QC level Required: Standard	X Special ____ Mark one
Lab PM:	Scott Forbes	City	SAN MATEO	State	CA 94402	Reimbursement project?		Non-reimbursement project?	Y Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	P: 530-297-4800 F: 530-297-4808	AG PM Name:	Nadine Periat			Send EDD to	agdataview.us@anteagroup.com			MA MCP Cert?	CT RCP Cert? Mark One
Lab PM email	SForbes@kiffanalytical.com	Phone/Fax:	P: 408-606-4915 F: 408-225-8506			CC Hardcopy report to				Lab Project ID (lab use)	
Applicable Lab Quote #:		AG PM Email:	Nadine.Periat@anteagroup.com			CC Hardcopy report to				Requested Analyses	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 GC/MS GRO	8260BexMTBE/OxyCA	8260Naphthalene	Comments/Lab Sample I.D.
1	MW-23_20150228	WG	G	2/25/15	1400	4	N				X					x	x	x	7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol
2	MW-24_20150228	WG	G	2/25/15	1010	4	N				X					x	x	x	
3	MW-4_20150228	WG	G	2/26/15	1000	4	N				X					x	x	x	
4	MW-6_20150228	WG	G	2/26/15	1250	4	N				X					x	x	x	
5	MW-7_20150228	WG	G	2/26/15	1030	4	N				X					x	x	x	
6	MW-8_20150228	WG	G	2/26/15	0850	4	N				X					x	x	x	
7	MW-9_20150228	WG	G	2/25/15	1505	4	N				X					x	x	x	
8	FD1_20150228	W	G	2/26/15	1225	4	N				X					x	x	x	
9	MW-25_20150228	WG	G	2/26/15	0815	4	N				X					x	x	x	
10																			
11																			
12																			

Additional Comments/Special Instructions:
150225-ND1

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Nicholas Drachenberg / Blaine Tech	2/25/15	1715	Nicholas Drachenberg (sample custodian) / BTS	2/25/15	1715
D Wh / BTS	2/26/15	0630	D Wh / BTS	2/26/15	0630
D Wh / BTS	2/26/15	1500			

Sample Receipt Conditions

	Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Nicholas Drachenberg + Doug Whichard

SIGNATURE of SAMPLER: [signature] DATE Signed: 2/25/15 Time: 1715

Appendix L

Validated Certified Laboratory Analytical Report—Groundwater Monitoring

Report Number : 90483
Date : 03/05/2015

Laboratory Results

Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Subject : 20 Water Samples
Project Name : 256390
Project Number :

Dear Ms. Periat,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the TNI 2009 standards.
Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Pace Analytical Services, Inc.
Pace Analytical Services, Inc. is certified by the State of California under the Environmental Laboratory Accreditation Program (ELAP), lab number 08263CA.
If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

Report Number : 90483
Date : 03/05/2015

Subject : 20 Water Samples
Project Name : 256390
Project Number :

Case Narrative

The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-10R_20150228.

Pace Analytical®

Analysis Summary

Report Number : 90483
Date : 03/05/15

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-10R_2015022		MW-12B_2015022		MW-13B_2015022		MW-14B_2015022		MW-15B_2015022		MW-17B_2015022		MW-19_20150228	
			Sample Date	02/26/15		02/25/15		02/26/15		02/26/15		02/25/15		02/25/15		02/26/15	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		2.5	**12**	0.50	ND	0.50	**35**	0.50	ND	0.50	ND	0.50	ND	0.50	**9.7**
Ethylbenzene	EPA 8260B	ug/L		2.5	**670**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	**240**
Toluene	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	**2.0**
Total Xylenes	EPA 8260B	ug/L		2.5	**1400**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	**160**
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		50	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	**5.5**	0.50	ND	0.50	ND	0.50	ND	0.50	**0.79**
Tert-Butanol	EPA 8260B	ug/L		25	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		250	**9800**	50	**150**	50	**290**	50	ND	50	**160**	50	ND	50	**3000**
1,2-Dibromoethane	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		2.5	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Naphthalene	EPA 8260B	ug/L		2.5	**380**	0.50	ND	0.50	**6.3**	0.50	ND	0.50	ND	0.50	ND	1.5	**240**
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			98.6		101		99.5		102		99.4		99.2		101
4-Bromofluorobenzene (Surr)	EPA 8260B	%			93.6		98.2		98.4		97.8		96.3		95.7		99.2
Toluene - d8 (Surr)	EPA 8260B	%			98.3		99.3		99.2		100		99.3		99.5		100

MRL = Method Reporting Limit
ND = Not Detected

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236

Pace Analytical®

Analysis Summary

Report Number : 90483
Date : 03/05/15

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-20_20150228		MW-21_20150228		MW-22_20150228		TB1_20150228		MW-23_20150228		MW-24_20150228		MW-4_20150228	
			Sample Date	02/25/15		02/25/15		02/25/15		02/25/15		02/25/15		02/25/15		02/26/15	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		0.50	ND	0.50	**0.69**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		0.50	ND	0.50	**55**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		0.50	ND	0.50	**94**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		50	**70**	50	**700**	50	ND	50	ND	50	**150**	50	ND	50	**63**
1,2-Dibromoethane	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Naphthalene	EPA 8260B	ug/L		0.50	**0.60**	0.50	**24**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	**1.0**
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			100		99.6		101		99.8		102		101		102
4-Bromofluorobenzene (Surr)	EPA 8260B	%			96.8		97.9		97.7		95.0		95.3		94.4		94.6
Toluene - d8 (Surr)	EPA 8260B	%			99.9		101		99.7		99.9		100		101		99.5

MRL = Method Reporting Limit
ND = Not Detected

Pace Analytical®

Report Number : 90483
Date : 03/05/15

Analysis Summary

Attention : Nadine Periat
Antea Group
1155 North 1st Street, Suite 201
San Jose, CA 95112

Project Name :256390
Project Number :

			Sample Name	MW-6_20150228	MW-7_20150228		MW-8_20150228		MW-9_20150228		FD1_20150228		MW-25_20150228	
			Sample Date	02/26/15	02/26/15		02/26/15		02/25/15		02/26/15		02/26/15	
Analyte	Method	Units		MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L		5.0	**1500**	0.50	ND	0.50	ND	0.50	ND	0.50	**34**	0.50	ND
Ethylbenzene	EPA 8260B	ug/L		5.0	**2600**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Toluene	EPA 8260B	ug/L		5.0	**1700**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Total Xylenes	EPA 8260B	ug/L		15	**4800**	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Diisopropyl ether (DIPE)	EPA 8260B	ug/L		5.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Ethanol	EPA 8260B	ug/L		40	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L		5.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L		5.0	**110**	0.50	ND	0.50	ND	0.50	ND	0.50	**5.2**	0.50	ND
Tert-Butanol	EPA 8260B	ug/L		50	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L		5.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
TPH as Gasoline	EPA 8260B	ug/L		500	**26000**	50	**100**	50	ND	50	ND	50	**260**	50	ND
1,2-Dibromoethane	EPA 8260B	ug/L		5.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
1,2-Dichloroethane	EPA 8260B	ug/L		5.0	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
Naphthalene	EPA 8260B	ug/L		5.0	**870**	0.50	ND	0.50	ND	0.50	ND	0.50	**5.5**	0.50	ND
1,2-Dichloroethane-d4 (Surr)	EPA 8260B	%			101		101		99.8		101		101		101
4-Bromofluorobenzene (Surr)	EPA 8260B	%			98.0		93.5		94.5		92.6		93.2		96.8
Toluene - d8 (Surr)	EPA 8260B	%			100		99.6		99.6		101		100		101

MRL = Method Reporting Limit
ND = Not Detected

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-10R_20150228** Matrix : Water Lab Number : 90483-01

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**12**	2.5	ug/L	EPA 8260B	03/04/15 15:11
Toluene	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
Ethylbenzene	**670**	2.5	ug/L	EPA 8260B	03/04/15 15:11
Total Xylenes	**1400**	2.5	ug/L	EPA 8260B	03/04/15 15:11
Methyl-t-butyl ether (MTBE)	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
Diisopropyl ether (DIPE)	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
Ethyl-t-butyl ether (ETBE)	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
Tert-amyl methyl ether (TAME)	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
Tert-Butanol	< 25	25	ug/L	EPA 8260B	03/04/15 15:11
Ethanol	< 50	50	ug/L	EPA 8260B	03/05/15 16:03
TPH as Gasoline	**9800**	250	ug/L	EPA 8260B	03/04/15 15:11
1,2-Dichloroethane	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
1,2-Dibromoethane	< 2.5	2.5	ug/L	EPA 8260B	03/04/15 15:11
Naphthalene	**380**	2.5	ug/L	EPA 8260B	03/04/15 15:11
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	03/04/15 15:11
4-Bromofluorobenzene (Surr)	93.6		% Recovery	EPA 8260B	03/04/15 15:11
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	03/04/15 15:11

Project Name : **256390**

Project Number :

Sample : **MW-12B_20150228** Matrix : Water Lab Number : 90483-02

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 10:14
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 10:14
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**150**	50	ug/L	EPA 8260B	03/02/15 10:14
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 10:14
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 10:14
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	03/02/15 10:14
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	03/02/15 10:14

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-13B_20150228** Matrix : Water Lab Number : 90483-03

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**35**	0.50	ug/L	EPA 8260B	03/02/15 11:27
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Methyl-t-butyl ether (MTBE)	**5.5**	0.50	ug/L	EPA 8260B	03/02/15 11:27
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 11:27
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 11:27
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**290**	50	ug/L	EPA 8260B	03/02/15 11:27
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:27
Naphthalene	**6.3**	0.50	ug/L	EPA 8260B	03/02/15 11:27
1,2-Dichloroethane-d4 (Surr)	99.5		% Recovery	EPA 8260B	03/02/15 11:27
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	03/02/15 11:27
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	03/02/15 11:27

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-14B_20150228** Matrix : Water Lab Number : 90483-04

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 11:52
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 11:52
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 11:52
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 11:52
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	03/02/15 11:52
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	03/02/15 11:52
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	03/02/15 11:52

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-15B_20150228** Matrix : Water Lab Number : 90483-05

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 12:17
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 12:17
TPH as Gasoline	**160**	50	ug/L	EPA 8260B	03/02/15 12:17
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:17
1,2-Dichloroethane-d4 (Surr)	99.4		% Recovery	EPA 8260B	03/02/15 12:17
4-Bromofluorobenzene (Surr)	96.3		% Recovery	EPA 8260B	03/02/15 12:17
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	03/02/15 12:17

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-17B_20150228** Matrix : Water Lab Number : 90483-06

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 12:43
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 12:43
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 12:43
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 12:43
1,2-Dichloroethane-d4 (Surr)	99.2		% Recovery	EPA 8260B	03/02/15 12:43
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	03/02/15 12:43
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	03/02/15 12:43

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-19_20150228** Matrix : Water Lab Number : 90483-07

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**9.7**	0.50	ug/L	EPA 8260B	03/02/15 13:08
Toluene	**2.0**	0.50	ug/L	EPA 8260B	03/02/15 13:08
Ethylbenzene	**240**	0.50	ug/L	EPA 8260B	03/02/15 13:08
Total Xylenes	**160**	0.50	ug/L	EPA 8260B	03/02/15 13:08
Methyl-t-butyl ether (MTBE)	**0.79**	0.50	ug/L	EPA 8260B	03/02/15 13:08
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:08
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:08
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:08
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 13:08
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 13:08
TPH as Gasoline	**3000**	50	ug/L	EPA 8260B	03/02/15 13:08
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:08
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:08
Naphthalene	**240**	1.5	ug/L	EPA 8260B	03/03/15 17:03
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 13:08
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	03/02/15 13:08
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	03/02/15 13:08

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-20_20150228** Matrix : Water Lab Number : 90483-08

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 13:32
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 13:32
TPH as Gasoline	**70**	50	ug/L	EPA 8260B	03/02/15 13:32
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:32
Naphthalene	**0.60**	0.50	ug/L	EPA 8260B	03/02/15 13:32
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	03/02/15 13:32
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	03/02/15 13:32
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	03/02/15 13:32

Pace Analytical®

Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-21_20150228** Matrix : Water Lab Number : 90483-09

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.69**	0.50	ug/L	EPA 8260B	03/03/15 15:00
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
Ethylbenzene	**55**	0.50	ug/L	EPA 8260B	03/03/15 15:00
Total Xylenes	**94**	0.50	ug/L	EPA 8260B	03/03/15 15:00
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/03/15 15:00
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/03/15 15:00
TPH as Gasoline	**700**	50	ug/L	EPA 8260B	03/03/15 15:00
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:00
Naphthalene	**24**	0.50	ug/L	EPA 8260B	03/03/15 15:00
1,2-Dichloroethane-d4 (Surr)	99.6		% Recovery	EPA 8260B	03/03/15 15:00
4-Bromofluorobenzene (Surr)	97.9		% Recovery	EPA 8260B	03/03/15 15:00
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/03/15 15:00

Pace Analytical®

Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-22_20150228** Matrix : Water Lab Number : 90483-10

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 13:57
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 13:57
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 13:57
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 13:57
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 13:57
4-Bromofluorobenzene (Surr)	97.7		% Recovery	EPA 8260B	03/02/15 13:57
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	03/02/15 13:57

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **TB1_20150228** Matrix : Water Lab Number : 90483-11

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 14:22
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 14:22
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 14:22
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:22
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	03/02/15 14:22
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	03/02/15 14:22
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	03/02/15 14:22

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-23_20150228** Matrix : Water Lab Number : 90483-12

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 14:48
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 14:48
TPH as Gasoline	**150**	50	ug/L	EPA 8260B	03/02/15 14:48
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 14:48
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	03/02/15 14:48
4-Bromofluorobenzene (Surr)	95.3		% Recovery	EPA 8260B	03/02/15 14:48
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	03/02/15 14:48

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-24_20150228** Matrix : Water Lab Number : 90483-13

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 15:12
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 15:12
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 15:12
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:12
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 15:12
4-Bromofluorobenzene (Surr)	94.4		% Recovery	EPA 8260B	03/02/15 15:12
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/02/15 15:12

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Report Number : 90483
Date : 03/05/15

Project Name : **256390**
Project Number :

Sample : **MW-4_20150228** Matrix : Water Lab Number : 90483-14
Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 15:36
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 15:36
TPH as Gasoline	**63**	50	ug/L	EPA 8260B	03/02/15 15:36
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 15:36
Naphthalene	**1.0**	0.50	ug/L	EPA 8260B	03/02/15 15:36
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	03/02/15 15:36
4-Bromofluorobenzene (Surr)	94.6		% Recovery	EPA 8260B	03/02/15 15:36
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	03/02/15 15:36

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-6_20150228** Matrix : Water Lab Number : 90483-15

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**1500**	5.0	ug/L	EPA 8260B	03/02/15 18:06
Toluene	**1700**	5.0	ug/L	EPA 8260B	03/02/15 18:06
Ethylbenzene	**2600**	5.0	ug/L	EPA 8260B	03/02/15 18:06
Total Xylenes	**4800**	15	ug/L	EPA 8260B	03/04/15 16:07
Methyl-t-butyl ether (MTBE)	**110**	5.0	ug/L	EPA 8260B	03/02/15 18:06
Diisopropyl ether (DIPE)	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 18:06
Ethyl-t-butyl ether (ETBE)	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 18:06
Tert-amyl methyl ether (TAME)	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 18:06
Tert-Butanol	< 50	50	ug/L	EPA 8260B	03/02/15 18:06
Ethanol	< 40	40	ug/L	EPA 8260B	03/02/15 18:06
TPH as Gasoline	**26000**	500	ug/L	EPA 8260B	03/02/15 18:06
1,2-Dichloroethane	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 18:06
1,2-Dibromoethane	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 18:06
Naphthalene	**870**	5.0	ug/L	EPA 8260B	03/02/15 18:06
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 18:06
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	03/02/15 18:06
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	03/02/15 18:06

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-7_20150228** Matrix : Water Lab Number : 90483-16

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 16:01
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 16:01
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**100**	50	ug/L	EPA 8260B	03/02/15 16:01
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:01
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 16:01
4-Bromofluorobenzene (Surr)	93.5		% Recovery	EPA 8260B	03/02/15 16:01
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	03/02/15 16:01

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-8_20150228** Matrix : Water Lab Number : 90483-17

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 16:27
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 16:27
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 16:27
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:27
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	03/02/15 16:27
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	03/02/15 16:27
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	03/02/15 16:27

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-9_20150228** Matrix : Water Lab Number : 90483-18

Sample Date :02/25/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 16:52
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 16:52
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/02/15 16:52
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 16:52
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 16:52
4-Bromofluorobenzene (Surr)	92.6		% Recovery	EPA 8260B	03/02/15 16:52
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/02/15 16:52

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **FD1_20150228** Matrix : Water Lab Number : 90483-19

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**34**	0.50	ug/L	EPA 8260B	03/02/15 17:16
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Methyl-t-butyl ether (MTBE)	**5.2**	0.50	ug/L	EPA 8260B	03/02/15 17:16
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 17:16
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/02/15 17:16
TPH as Gasoline (Note: Primarily compounds not found in typical Gasoline)	**260**	50	ug/L	EPA 8260B	03/02/15 17:16
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/02/15 17:16
Naphthalene	**5.5**	0.50	ug/L	EPA 8260B	03/02/15 17:16
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/02/15 17:16
4-Bromofluorobenzene (Surr)	93.2		% Recovery	EPA 8260B	03/02/15 17:16
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	03/02/15 17:16

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Report Number : 90483

Date : 03/05/15

Project Name : **256390**

Project Number :

Sample : **MW-25_20150228** Matrix : Water Lab Number : 90483-20

Sample Date :02/26/15

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/03/15 15:25
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/03/15 15:25
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/03/15 15:25
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15 15:25
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	03/03/15 15:25
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	03/03/15 15:25
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	03/03/15 15:25

Report Number : 90483

Date : 03/05/15

QC Report : Method Blank Data

Project Name : **256390**

Project Number :

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	01/28/15
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	01/28/15
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	01/28/15
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	01/28/15
1,2-Dichloroethane-d4 (Surr)	99.4		%	EPA 8260B	01/28/15
4-Bromofluorobenzene (Surr)	96.5		%	EPA 8260B	01/28/15
Toluene - d8 (Surr)	97.7		%	EPA 8260B	01/28/15
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/03/15
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/03/15
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/03/15
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/03/15
1,2-Dichloroethane-d4 (Surr)	98.6		%	EPA 8260B	03/03/15
4-Bromofluorobenzene (Surr)	93.3		%	EPA 8260B	03/03/15
Toluene - d8 (Surr)	100		%	EPA 8260B	03/03/15
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	03/05/15
Benzene	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Toluene	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	03/04/15
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	03/04/15
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	03/04/15
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	03/04/15
4-Bromofluorobenzene (Surr)	92.6		%	EPA 8260B	03/04/15
Toluene - d8 (Surr)	102		%	EPA 8260B	03/04/15

Report Number : 90483

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 03/05/15

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dibromoethane														
	90483-02	<0.50	40.0	39.8	46.1	45.3	ug/L	EPA 8260B	3/2/15	115	114	1.36	70.0-130	25
1,2-Dichloroethane														
	90483-02	<0.50	40.0	39.8	42.3	41.2	ug/L	EPA 8260B	3/2/15	106	103	2.20	70.0-130	25
Benzene														
	90483-02	<0.50	40.0	39.8	43.4	43.0	ug/L	EPA 8260B	3/2/15	109	108	0.718	70.0-130	25
Diisopropyl ether														
	90483-02	<0.50	40.0	39.8	45.7	45.8	ug/L	EPA 8260B	3/2/15	114	115	0.506	70.0-130	25
Ethanol														
	90483-02	<5.0	800	797	831	806	ug/L	EPA 8260B	3/2/15	104	101	2.66	55.0-150	25
Ethyl-tert-butyl ether														
	90483-02	<0.50	40.0	39.8	48.2	47.2	ug/L	EPA 8260B	3/2/15	120	118	1.67	70.0-130	25
Ethylbenzene														
	90483-02	<0.50	40.0	39.8	44.2	43.6	ug/L	EPA 8260B	3/2/15	110	110	0.879	70.0-130	25
Methyl-t-butyl ether														
	90483-02	<0.50	40.0	39.8	45.1	44.8	ug/L	EPA 8260B	3/2/15	113	112	0.194	70.0-130	25
Naphthalene														
	90483-02	<0.50	40.0	39.8	46.0	44.6	ug/L	EPA 8260B	3/2/15	115	112	2.58	70.0-130	25
P + M Xylene														
	90483-02	<0.50	80.0	79.7	87.9	87.0	ug/L	EPA 8260B	3/2/15	110	109	0.677	70.0-130	25

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol														
	90483-02	<5.0	400	398	434	424	ug/L	EPA 8260B	3/2/15	109	106	1.98	70.0-130	25
Tert-amyl-methyl ether														
	90483-02	<0.50	40.0	39.8	46.1	45.7	ug/L	EPA 8260B	3/2/15	115	115	0.587	70.0-130	25
Toluene														
	90483-02	<0.50	40.0	39.8	44.0	43.4	ug/L	EPA 8260B	3/2/15	110	109	1.05	70.0-130	25
1,2-Dibromoethane														
	90457-05	<0.50	39.6	39.1	44.3	42.8	ug/L	EPA 8260B	3/3/15	112	110	2.01	70.0-130	25
1,2-Dichloroethane														
	90457-05	<0.50	39.6	39.1	41.5	39.8	ug/L	EPA 8260B	3/3/15	105	102	2.86	70.0-130	25
Benzene														
	90457-05	<0.50	39.6	39.1	41.2	40.6	ug/L	EPA 8260B	3/3/15	104	104	0.266	70.0-130	25
Diisopropyl ether														
	90457-05	<0.50	39.6	39.1	43.1	43.2	ug/L	EPA 8260B	3/3/15	109	110	1.43	70.0-130	25
Ethanol														
	90457-05	<5.0	792	781	785	794	ug/L	EPA 8260B	3/3/15	99.1	102	2.56	55.0-150	25
Ethyl-tert-butyl ether														
	90457-05	<0.50	39.6	39.1	46.4	45.9	ug/L	EPA 8260B	3/3/15	117	117	0.320	70.0-130	25

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2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 03/05/2015

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Ethylbenzene														
	90457-05	<0.50	39.6	39.1	41.0	40.2	ug/L	EPA 8260B	3/3/15	104	103	0.777	70.0-130	25
Methyl-t-butyl ether														
	90457-05	0.52	39.6	39.1	44.1	43.2	ug/L	EPA 8260B	3/3/15	110	109	0.684	70.0-130	25
Naphthalene														
	90457-05	<0.50	39.6	39.1	43.7	41.7	ug/L	EPA 8260B	3/3/15	110	107	3.37	70.0-130	25
P + M Xylene														
	90457-05	<0.50	79.2	78.1	80.4	79.1	ug/L	EPA 8260B	3/3/15	101	101	0.205	70.0-130	25
Tert-Butanol														
	90457-05	<5.0	396	391	411	405	ug/L	EPA 8260B	3/3/15	104	104	0.0914	70.0-130	25
Tert-amyl-methyl ether														
	90457-05	<0.50	39.6	39.1	44.7	43.8	ug/L	EPA 8260B	3/3/15	113	112	0.705	70.0-130	25
Toluene														
	90457-05	<0.50	39.6	39.1	41.7	40.9	ug/L	EPA 8260B	3/3/15	105	105	0.582	70.0-130	25
Ethanol														
	90463-01	<5.0	99.6	100	97.9	93.1	ug/L	EPA 8260B	3/5/15	98.3	92.9	5.63	55.0-150	25
1,2-Dibromoethane														
	90480-08	<0.50	40.0	40.0	41.0	41.2	ug/L	EPA 8260B	3/4/15	102	103	0.453	70.0-130	25

Pace Analytical Services, Inc.

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 03/05/2015

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,2-Dichloroethane														
	90480-08	<0.50	40.0	40.0	42.7	43.2	ug/L	EPA 8260B	3/4/15	107	108	1.27	70.0-130	25
Benzene														
	90480-08	<0.50	40.0	40.0	39.1	40.0	ug/L	EPA 8260B	3/4/15	97.8	100	2.34	70.0-130	25
Diisopropyl ether														
	90480-08	<0.50	40.0	40.0	41.1	42.1	ug/L	EPA 8260B	3/4/15	103	105	2.29	70.0-130	25
Ethyl-tert-butyl ether														
	90480-08	<0.50	40.0	40.0	38.4	38.9	ug/L	EPA 8260B	3/4/15	95.9	97.2	1.40	70.0-130	25
Ethylbenzene														
	90480-08	<0.50	40.0	40.0	38.8	38.6	ug/L	EPA 8260B	3/4/15	97.0	96.4	0.693	70.0-130	25
Methyl-t-butyl ether														
	90480-08	<0.50	40.0	40.0	39.9	40.2	ug/L	EPA 8260B	3/4/15	99.8	100	0.689	70.0-130	25
Naphthalene														
	90480-08	<0.50	40.0	40.0	42.8	44.0	ug/L	EPA 8260B	3/4/15	107	110	2.92	70.0-130	25
P + M Xylene														
	90480-08	<0.50	80.0	80.0	78.3	78.0	ug/L	EPA 8260B	3/4/15	97.9	97.4	0.454	70.0-130	25
Tert-Butanol														
	90480-08	<5.0	400	400	399	407	ug/L	EPA 8260B	3/4/15	99.9	102	1.93	70.0-130	25
Tert-amyl-methyl ether														
	90480-08	<0.50	40.0	40.0	38.7	39.5	ug/L	EPA 8260B	3/4/15	96.8	98.8	1.99	70.0-130	25

Pace Analytical Services, Inc.

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 90483

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 03/05/2015

Project Name : **256390**

Project Number :

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Toluene														
	90480-08	<0.50	40.0	40.0	39.3	39.8	ug/L	EPA 8260B	3/4/15	98.2	99.4	1.19	70.0-130	25

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QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2-Dibromoethane	39.3	ug/L	EPA 8260B	3/2/15	112	70.0-130
1,2-Dichloroethane	39.3	ug/L	EPA 8260B	3/2/15	104	70.0-130
Benzene	39.3	ug/L	EPA 8260B	3/2/15	106	70.0-130
Diisopropyl ether	39.3	ug/L	EPA 8260B	3/2/15	111	70.0-130
Ethanol	786	ug/L	EPA 8260B	3/2/15	99.3	55.0-150
Ethyl-tert-butyl ether	39.3	ug/L	EPA 8260B	3/2/15	116	70.0-130
Ethylbenzene	39.3	ug/L	EPA 8260B	3/2/15	110	70.0-130
Methyl-t-butyl ether	39.3	ug/L	EPA 8260B	3/2/15	108	70.0-130
Naphthalene	39.3	ug/L	EPA 8260B	3/2/15	109	70.0-130
P + M Xylene	78.6	ug/L	EPA 8260B	3/2/15	110	70.0-130
Tert-Butanol	393	ug/L	EPA 8260B	3/2/15	104	70.0-130
Tert-amyl-methyl ether	39.3	ug/L	EPA 8260B	3/2/15	111	70.0-130
Toluene	39.3	ug/L	EPA 8260B	3/2/15	108	70.0-130
1,2-Dibromoethane	40.0	ug/L	EPA 8260B	3/3/15	114	70.0-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	3/3/15	111	70.0-130
Benzene	40.0	ug/L	EPA 8260B	3/3/15	104	70.0-130
Diisopropyl ether	40.0	ug/L	EPA 8260B	3/3/15	108	70.0-130
Ethanol	800	ug/L	EPA 8260B	3/3/15	95.9	55.0-150
Ethyl-tert-butyl ether	40.0	ug/L	EPA 8260B	3/3/15	116	70.0-130
Ethylbenzene	40.0	ug/L	EPA 8260B	3/3/15	102	70.0-130
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	3/3/15	109	70.0-130
Naphthalene	40.0	ug/L	EPA 8260B	3/3/15	109	70.0-130

QC Report : Laboratory Control Sample (LCS)

Project Name : **256390**

Project Number :

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
P + M Xylene	80.0	ug/L	EPA 8260B	3/3/15	100	70.0-130
Tert-Butanol	400	ug/L	EPA 8260B	3/3/15	103	70.0-130
Tert-amyl-methyl ether	40.0	ug/L	EPA 8260B	3/3/15	113	70.0-130
Toluene	40.0	ug/L	EPA 8260B	3/3/15	106	70.0-130
Ethanol	100	ug/L	EPA 8260B	3/5/15	84.2	55.0-150
1,2-Dibromoethane	39.8	ug/L	EPA 8260B	3/4/15	99.2	70.0-130
1,2-Dichloroethane	39.8	ug/L	EPA 8260B	3/4/15	103	70.0-130
Benzene	39.8	ug/L	EPA 8260B	3/4/15	97.2	70.0-130
Diisopropyl ether	39.8	ug/L	EPA 8260B	3/4/15	101	70.0-130
Ethyl-tert-butyl ether	39.8	ug/L	EPA 8260B	3/4/15	93.4	70.0-130
Ethylbenzene	39.8	ug/L	EPA 8260B	3/4/15	96.2	70.0-130
Methyl-t-butyl ether	39.8	ug/L	EPA 8260B	3/4/15	96.5	70.0-130
Naphthalene	39.8	ug/L	EPA 8260B	3/4/15	100	70.0-130
P + M Xylene	79.6	ug/L	EPA 8260B	3/4/15	98.4	70.0-130
TPH as Gasoline	495	ug/L	EPA 8260B	3/4/15	88.2	70.0-130
Tert-Butanol	398	ug/L	EPA 8260B	3/4/15	98.0	70.0-130
Tert-amyl-methyl ether	39.8	ug/L	EPA 8260B	3/4/15	95.3	70.0-130
Toluene	39.8	ug/L	EPA 8260B	3/4/15	99.4	70.0-130

Pace Analytical Services, Inc.
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90483

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

anteagroup

1Q15 GW Event

Required Lab Information:		**Required** Project Information:		**Required** Invoice Information:	
Lab Name:	Pace	Site ID #:	256390 Task: WG_Q_201502	Send Invoice to:	Sandy Hayes
Address:	2795 Second Street #300	AnteaGrp proj#		Address:	11050 White Rock Road, Suite 110
Davis, CA 95618		Site Address	402 DELAWARE ST	City/State	Rancho Cordova CA 95670 Phone #: 916-638-2085
Lab PM:	Scott Forbes	City	SAN MATEO State CA 94402	Reimbursement project?	Non-reimbursement project? Y Mark one
Phone/Fax:	P: 530-297-4800 F: 530-297-4808	AG PM Name:	Nadine Periat	Send EDD to	agdataview.us@anteagroup.com
Lab PM email	SForbes@kiffanalytical.com	Phone/Fax:	P: 408-606-4915 F: 408-225-8506	CC Hardcopy report to	
Applicable Lab Quote #:		AG PM Email:	Nadine.Periat@anteagroup.com	CC Hardcopy report to	

Turn around time (days): 10
QC level Required: Standard X Special ____ Mark one
NJ Reduced Deliverable Package?
MA MCP Cert? ____ CT RCP Cert? ____ Mark One
Lab Project ID (lab use)

Valid Matrix Codes: MATRIX — DRINKING WATER WP; GROUND WATER WG; WASTE WATER WW; FREE PRODUCT LF; SOIL SO; OIL OIL; WIPE SW; AMBIENT AIR AA; SVE AIR AE; SOIL GAS GS; WATER W; SURFACE WATER WS; WATER QC WQ; SLUDGE SL; RINSEATE WH; OTHER OT; ANIMAL TISSUE TA

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260/BenMTBETOxyCA	8260/Naphthalene	Comments/Lab Sample I.D.	
1	MW-10R_20150228	WG	G	2/26/15	1130	4	N				X					x	x	x	7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol	01
2	MW-12B_20150228	WG	G	2/25/15	1130	4	N				X					x	x	x		02
3	MW-13B_20150228	WG	G	2/26/15	1220	4	N				X					x	x	x		03
4	MW-14B_20150228	WG	G	2/26/15	0925	4	N				X					x	x	x		04
5	MW-15B_20150228	WG	G	2/25/15	1215	4	N				X					x	x	x		05
6	MW-17B_20150228	WG	G	2/25/15	1545	4	N				X					x	x	x		06
7	~~MW-18_20150228~~	~~WG~~														x	x	x		
8	MW-19_20150228	WG	G	2/26/15	1100	4	N				X					x	x	x		07
9	MW-20_20150228	WG	G	2/25/15	1245	4	N				X					x	x	x		08
10	MW-21_20150228	WG	G	2/25/15	1055	4	N				X					x	x	x		09
11	MW-22_20150228	WG	G	2/25/15	1425	4	N				X					x	x	x		10
12	TB1_20150228	W	G	2/25/15	0645	2	N				X					x	x	x		11

Additional Comments/Special Instructions:
150225-ND1

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Nicholas Drachenberg / Blaine Tech	2/25/15	1715	Nicholas (sample custody) Drachenberg / BTS	2/25/15	1715
Doug WHICHARD / BTS	2/26/15	0630	/ BTS	2/26/15	0630
	2/26/15	1500			
			[illegible]	022715	1715

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
Y N	Y N	Y N	Y N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N

SHIPPING METHOD (mark as appropriate): UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Nicholas Drachenberg + Doug WHICHARD
SIGNATURE of SAMPLER:
DATE Signed: 2/25/15 Time: 1715

20150228 256390 WG_Q_201502 BO

90483

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

anteagroup

1Q15 GW Event

Required Lab Information:		**Required** Project Information:				**Required** Invoice Information:					
Lab Name:	Pace	Site ID #:	256390	Task:	WG_Q_201502	Send Invoice to:	Sandy Hayes				
Address:	2795 Second Street #300	AnteaGrp proj#				Address:	11050 White Rock Road, Suite 110			Turn around time (days)	10
Davis, CA 95618		Site Address	402 DELAWARE ST			City/State	Rancho Cordova CA 95670	Phone #:	916-638-2085	QC level Required: Standard	X Special ____ Mark one
Lab PM:	Scott Forbes	City	SAN MATEO	State	CA 94402	Reimbursement project?		Non-reimbursement project?	Y Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	P: 530-297-4800 F: 530-297-4808	AG PM Name:	Nadine Periat			Send EDD to	agdataview.us@anteagroup.com			MA MCP Cert?	CT RCP Cert? Mark One
Lab PM email	SForbes@kiffanalytical.com	Phone/Fax:	P: 408-606-4915 F: 408-225-8506			CC Hardcopy report to				Lab Project ID (lab use)	
Applicable Lab Quote #:		AG PM Email:	Nadine.Periat@anteagroup.com			CC Hardcopy report to				Requested Analyses	

Valid Matrix Codes

MATRIX		MATRIX	
DRINKING WATER	WP	WATER	W
GROUND WATER	WG	SURFACE WATER	WS
WASTE WATER	WW	WATER QC	WQ
FREE PRODUCT	LF	SLUDGE	SL
SOIL	SO	RINSEATE	WH
OIL	OIL	OTHER	OT
WIPE	SW	ANIMAL TISSUE	TA
AMBIENT AIR	AA		
SVE AIR	AE		
SOIL GAS	GS		

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 GC/MS GRO	8260 BtexMTBE/OxyCA	8260 Naphthalene	Comments/Lab Sample I.D.	
1	MW-23_20150228	WG	G	2/25/15	1400	4	N				X					x	x	x		12
2	MW-24_20150228	WG	G	2/25/15	1010	4	N				X					x	x	x		13
3	MW-4_20150228	WG	G	2/26/15	1000	4	N				X					x	x	x		14
4	MW-6_20150228	WG	G	2/26/15	1250	4	N				X					x	x	x		15
5	MW-7_20150228	WG	G	2/26/15	1030	4	N				X					x	x	x		16
6	MW-8_20150228	WG	G	2/26/15	0850	4	N				X					x	x	x		17
7	MW-9_20150228	WG	G	2/25/15	1505	4	N				X					x	x	x		18
8	FD1_20150228	W	G	2/26/15	1225	4	N				X					x	x	x		19
9	MW-25_20150228	WG	G	2/26/15	0815	4	N				X					x	x	x		20
10																				
11																				
12																				

7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol

Additional Comments/Special Instructions:

150225-ND1

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Nicholas Drachenberg / Blaine Tech	2/25/15	1715	Nicholas Drachenberg (sample custodian) / BTS	2/25/15	1715
/ BTS	2/26/15	0630	/ BTS	2/26/15	0630
/ BTS	2/26/15	1500			
			PACE Analytical	022715	1715

Sample Receipt Conditions

	Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?
	(Y)/N	(Y)/N	(Y)/N	
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Nicholas Drachenberg + Doug Whichard

SIGNATURE of SAMPLER:

DATE Signed: 2/25/15 Time: 1715

Global ID: T0608100632

Final 11/13/06. AMTait

Pace Analytical

SAMPLE RECEIPT CHECKLIST

SRG #: 90483

Sample Receipt	Initials/Date: EJ 022715	Storage Time: 1715	Sample Login	Initials/Date: TJB 022715

TAT: ☑ Standard ☐ Rush ☐ Split ☐ None | Method of Receipt: ☐ Courier ☐ Over-the-counter ☑ Shipped

Temp °C -0.8 ☐ N/A | Therm ID IR3 | Time 1020 | Coolant present ☑ Yes ☐ No ☐ Water | ☐ Temp Excursion

For Shipments Only: Cooler Receipt Initials/Date/Time: EJ 022715 1020 | Custody Seals 022715 EJ ~~☑ N/A~~ ☑ Intact ☐ Broken

Chain-of-Custody:	Yes	No
Is COC present?	✓	
Is COC signed by relinquisher?	✓	
Is COC dated by relinquisher?	✓	
Is the sampler's name on the COC?	✓	
Are there analyses or hold for all samples?	✓	

Documented on	COC	Labels	Discrepancies:
Sample ID	X	X	
Project ID	X	X	
Sample Date	X	X	
Sample Time	X	X	
Does COC match project history?	☐ N/A	☐ Yes	☒ No

Samples:	N/A	Yes	No
Are sample custody seals intact?	✓		
Are sample containers intact?		✓	
Is preservation documented?		✓	
In-house Analysis:	**N/A**	**Yes**	**No**
Are preservatives acceptable?		✓	
Are samples within holding time?		✓	
Are sample container types correct?		✓	
Is there adequate sample volume?		✓	

Comments: Foreign matter in sample -10 (VOAs 3, 4). TJB 022715 2058

Receipt Details:

Matrix	Container Type	# of Containers
WA	VOA	78

Requires client: Clarification ☐ Approval ☐ Notification ☐

Proceed With Analysis: ☐ YES ☐ NO Init/Date:
Client Communication:

Is the Data Set Valid?

(circle)

Yes / No

Preservation Temperature

(if Known): **0.8** **ºC**

Antea™Group Laboratory Data Validation Sheet

Project/Client: I40256390/COP ELT

Project #: I40256390

Date of Validation: 04/06/15 **Date of Analysis:** 03/02, 03/03, 03/04/15

Sample Date: 02/26/15 **Completed By:** David Sisak

Signature: David Sisak

Circle or Highlight

Yes / **No** (below)

Analytical Lab Used and Report # (if any): Pace Report Number 90483

1.	Were the analyses the ones requested?	**Yes** / **No**
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	**Yes** / **No**
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	**Yes** / **No**
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	**Yes** / **No**
5.	Were Laboratory blanks performed, if so, were they non-detect?	**Yes** / **No**
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3,etc.)	**Yes** / **No**
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	**Yes** / **No**
8.	Were blank spike (SS or LCS) or blank spike duplicate (SSD or LCSD) samples included in the laboratory batch samples?	**Yes** / **No**
9.	Were QA/QC samples (MS/MSD, SS/SSD, LCS/LCSD) within the shown acceptable range of % recovery?	**Yes** / **No**
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	**Yes** / **No**
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	**Yes** / **No**
12.	Were surrogate recoveries within the acceptable range (i.e. ±30%)?	**Yes** / **No**

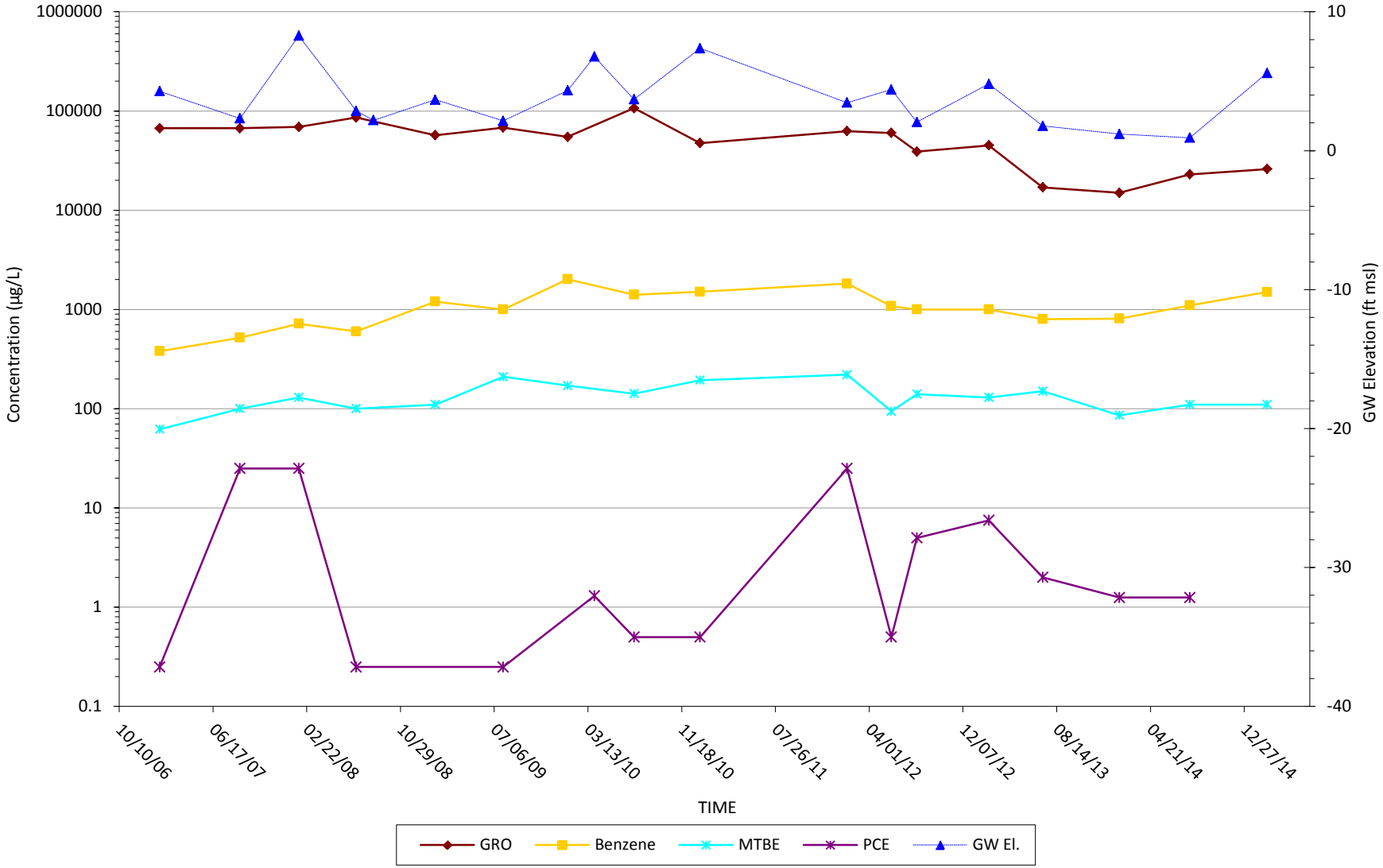
For a 'no' answer, explain why and what corrective action was taken (use additional sheet(s), as necessary:

Note: The Method Reporting Limit for Ethanol has been increased due to the presence of an interfering compound for sample MW-10R_20150228.

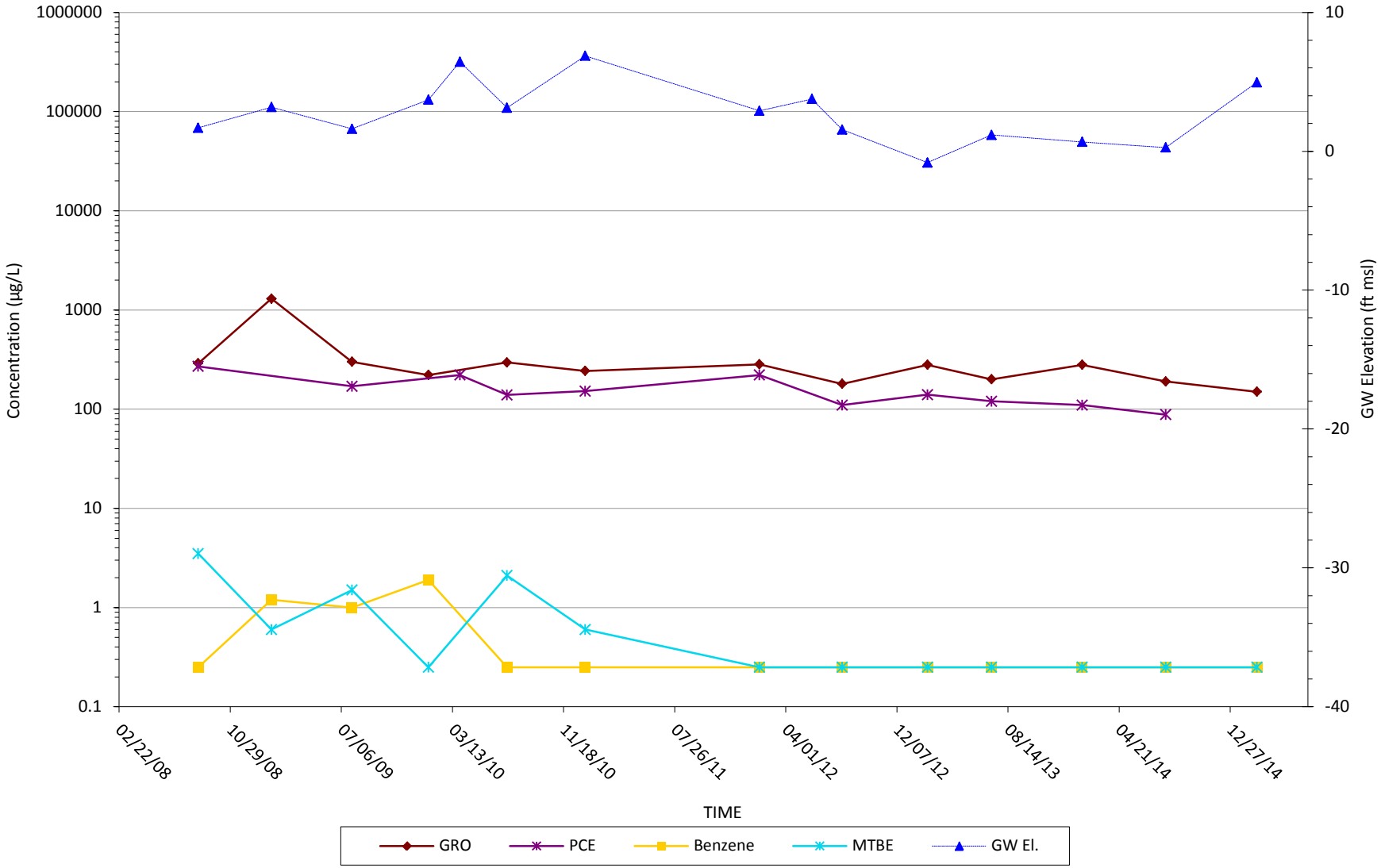
Appendix M

Time Series Graphs

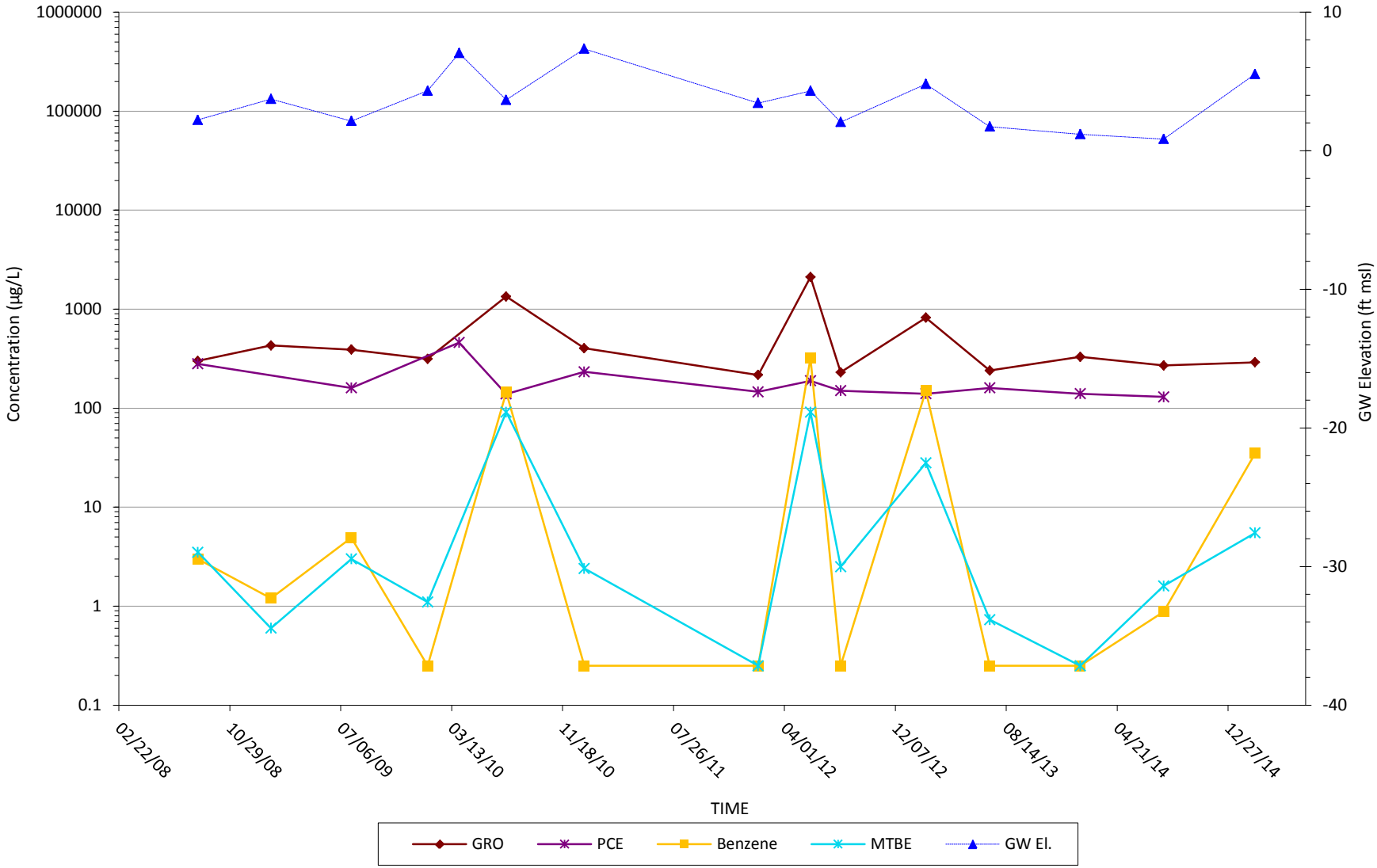
WELL MW-6
GRO, BENZENE, MTBE, PCE CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



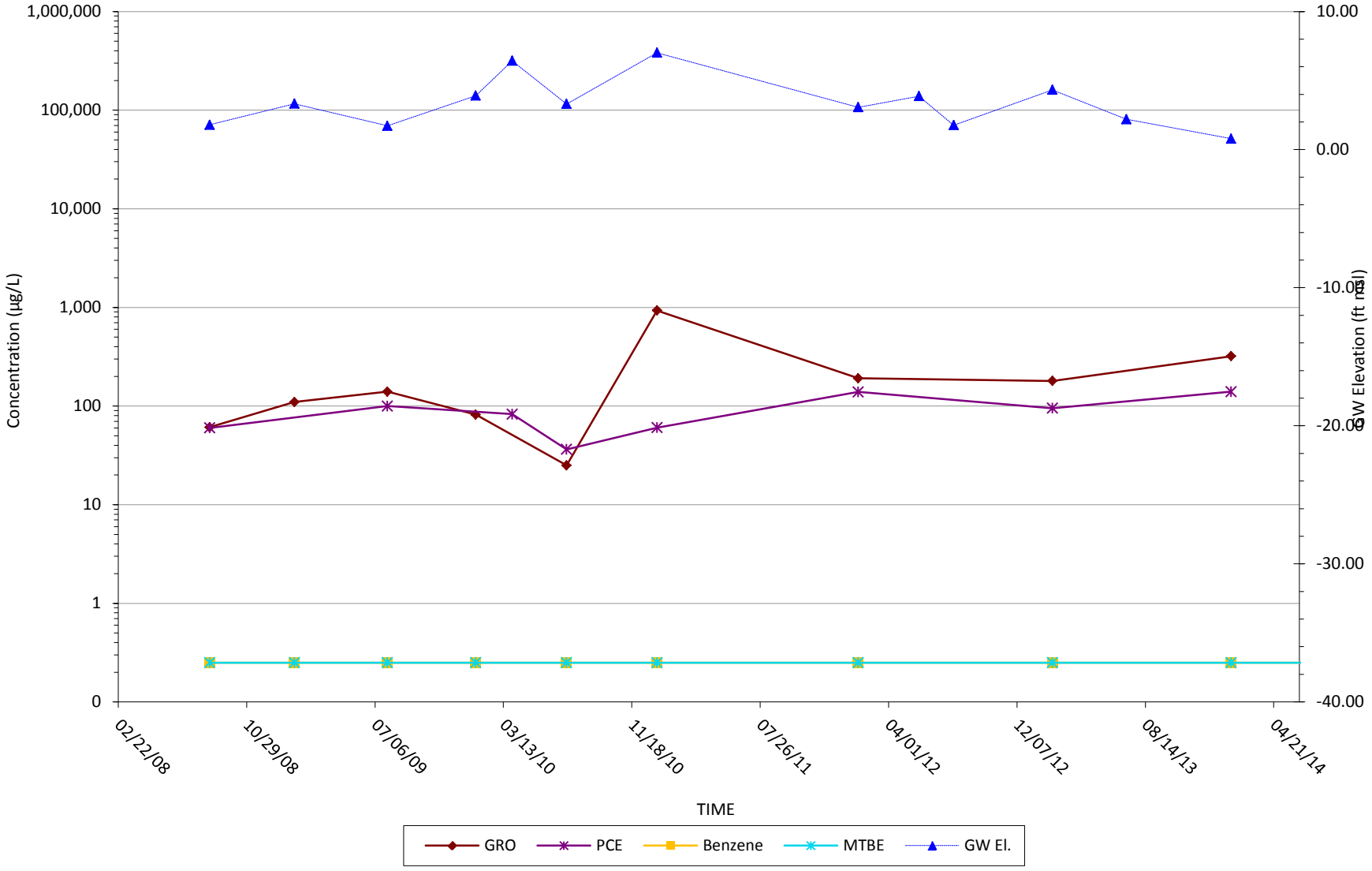
WELL MW-12B
GRO, BENZENE, MTBE, PCE CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



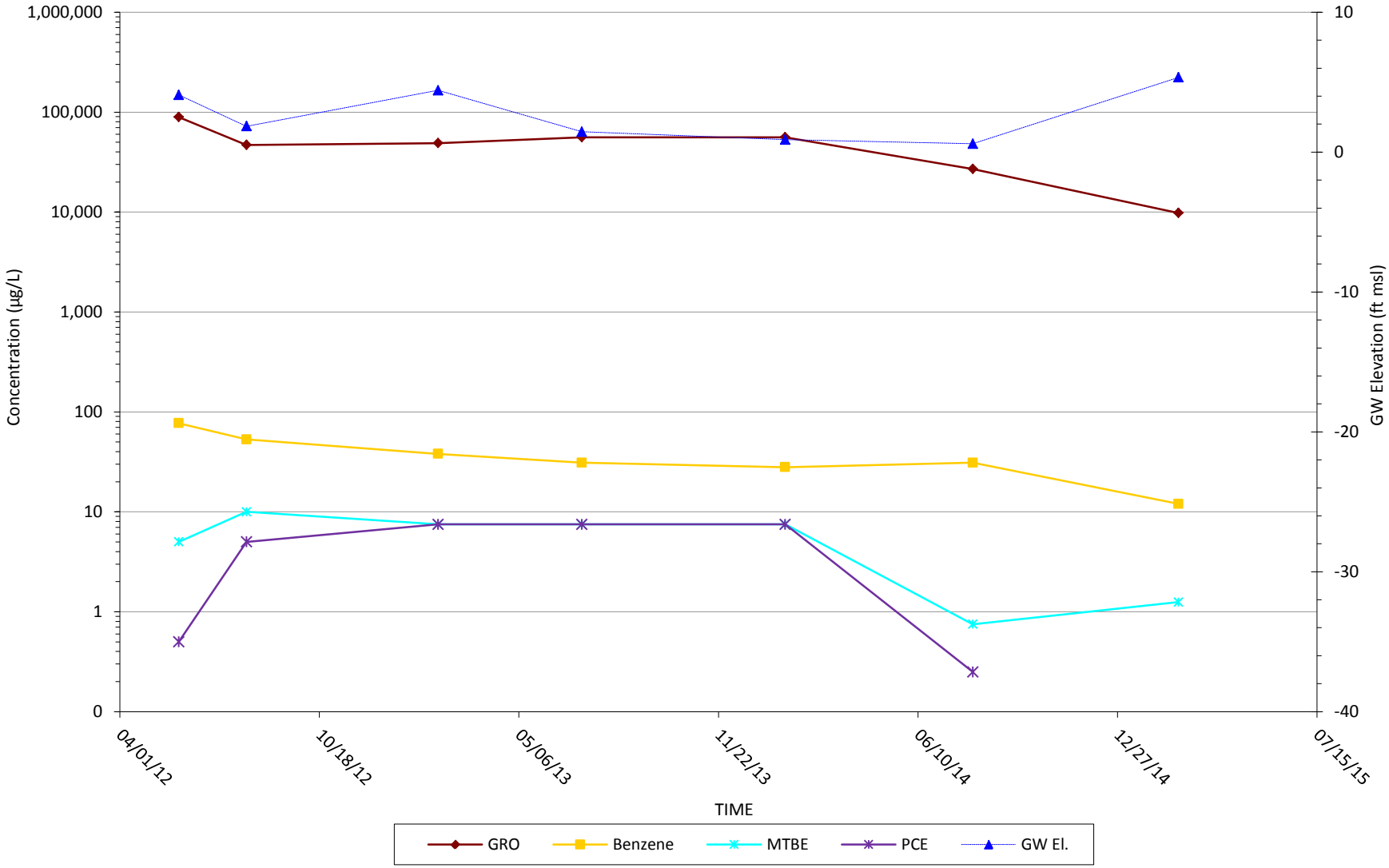
WELL MW-13B
GRO, BENZENE, MTBE, PCE CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



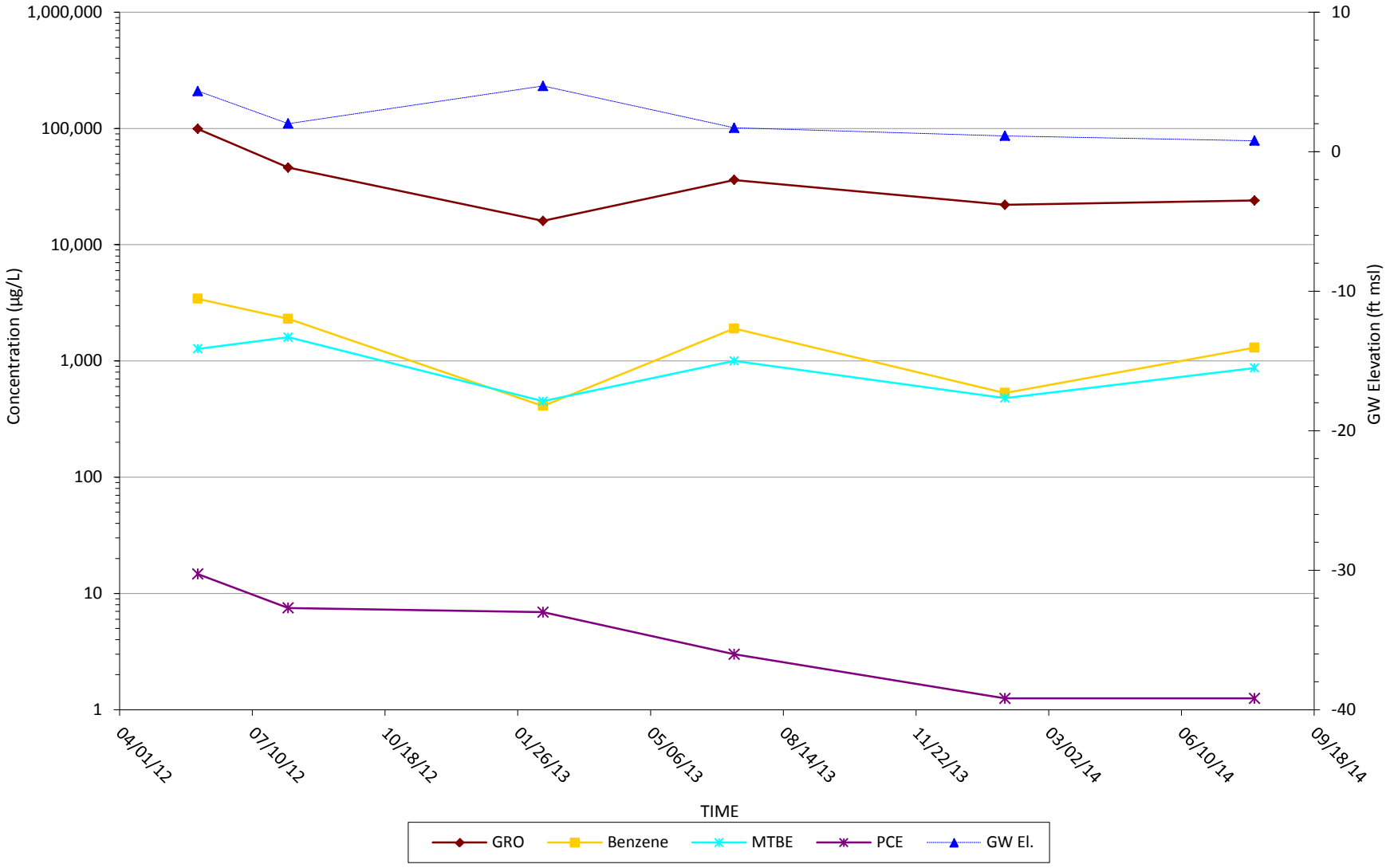
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GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



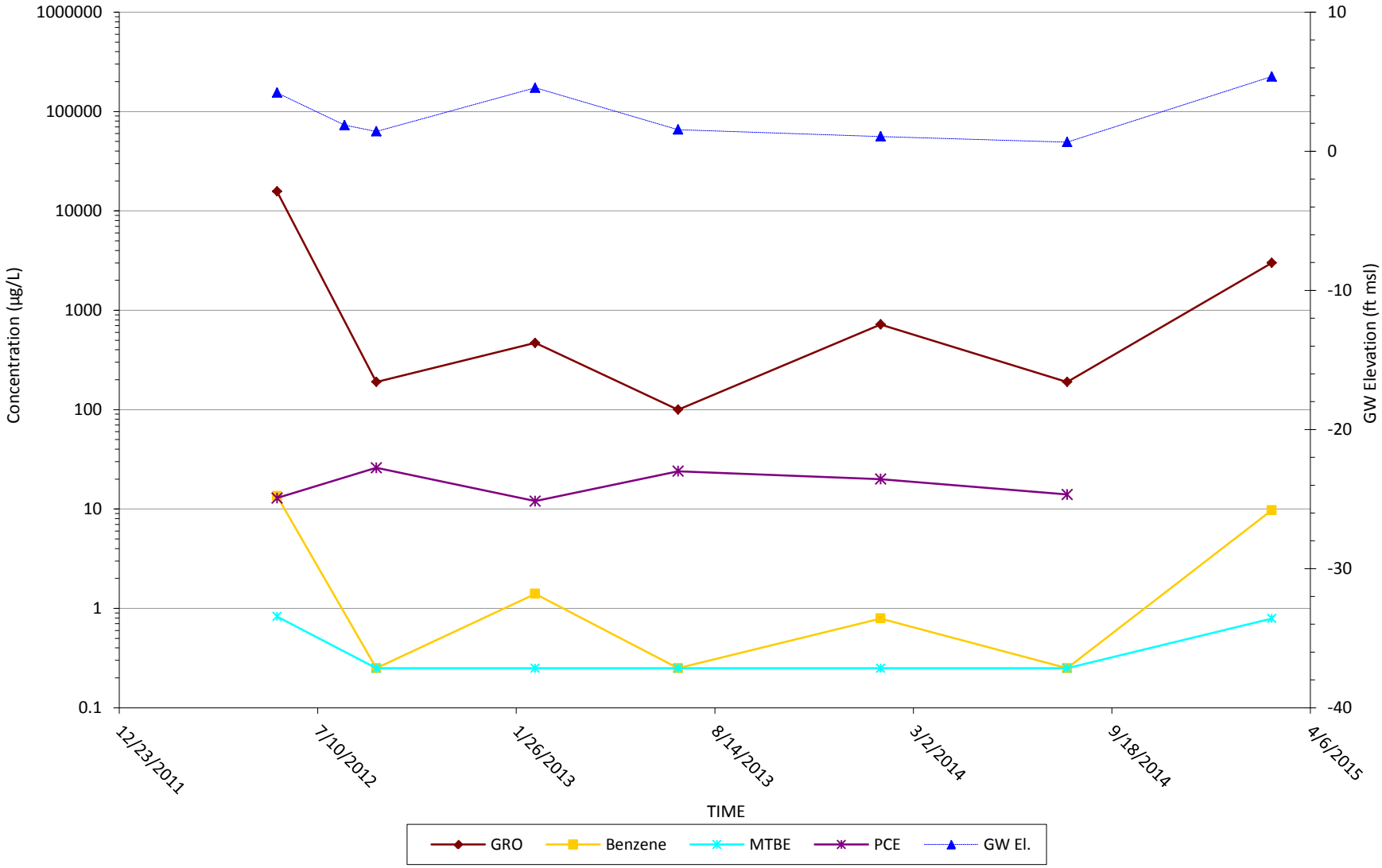
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GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



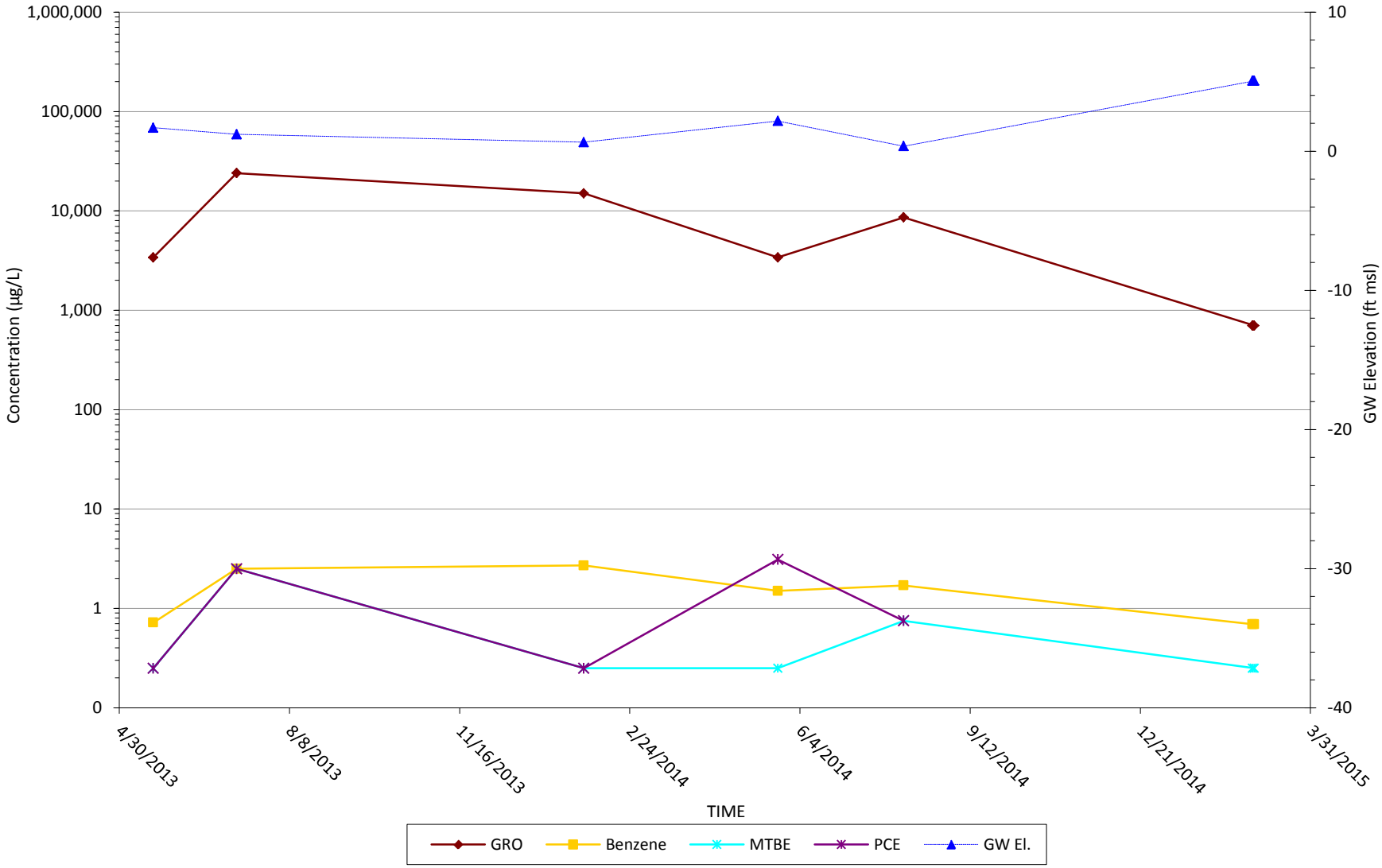
WELL MW-18
GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



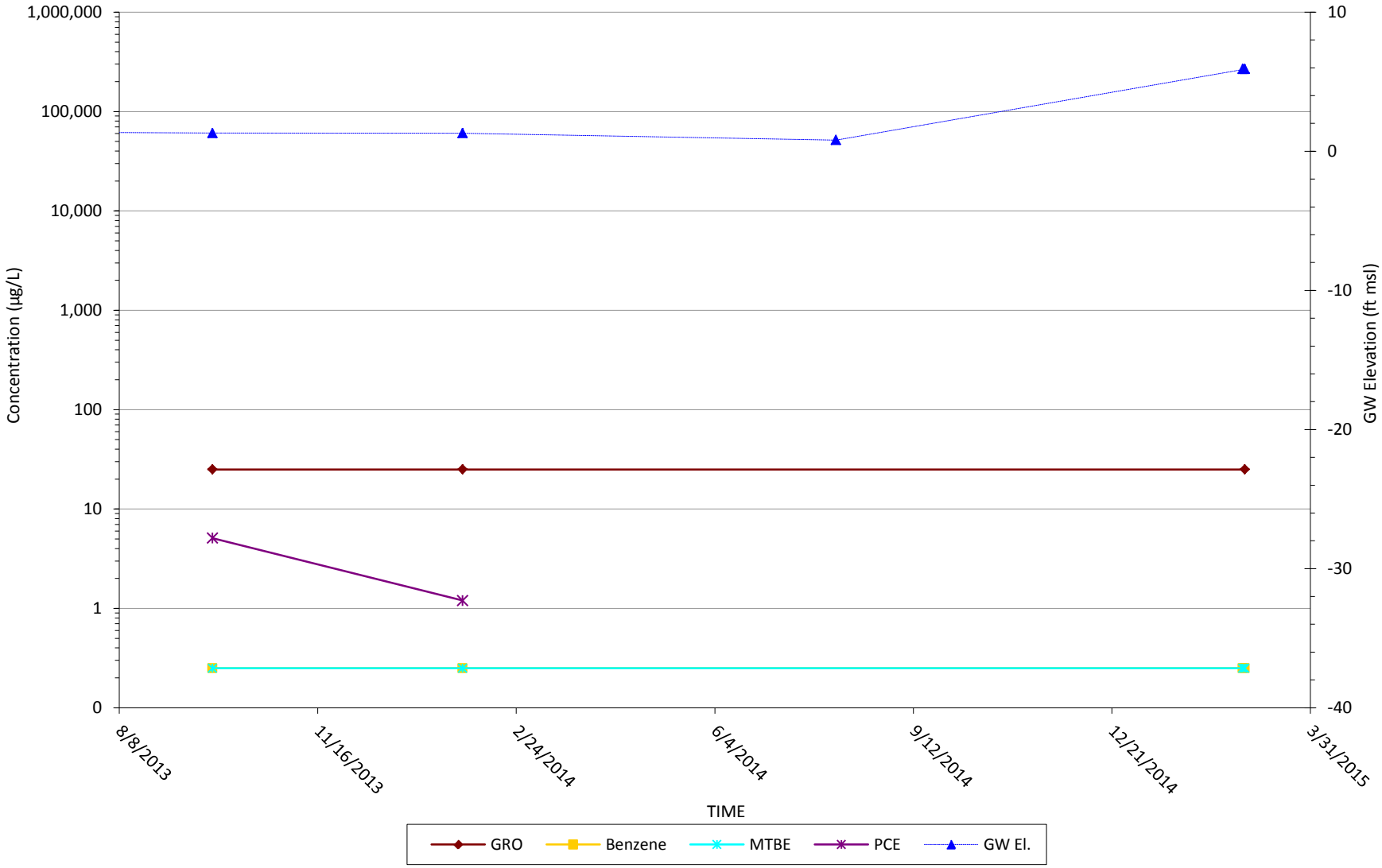
WELL MW-19
GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



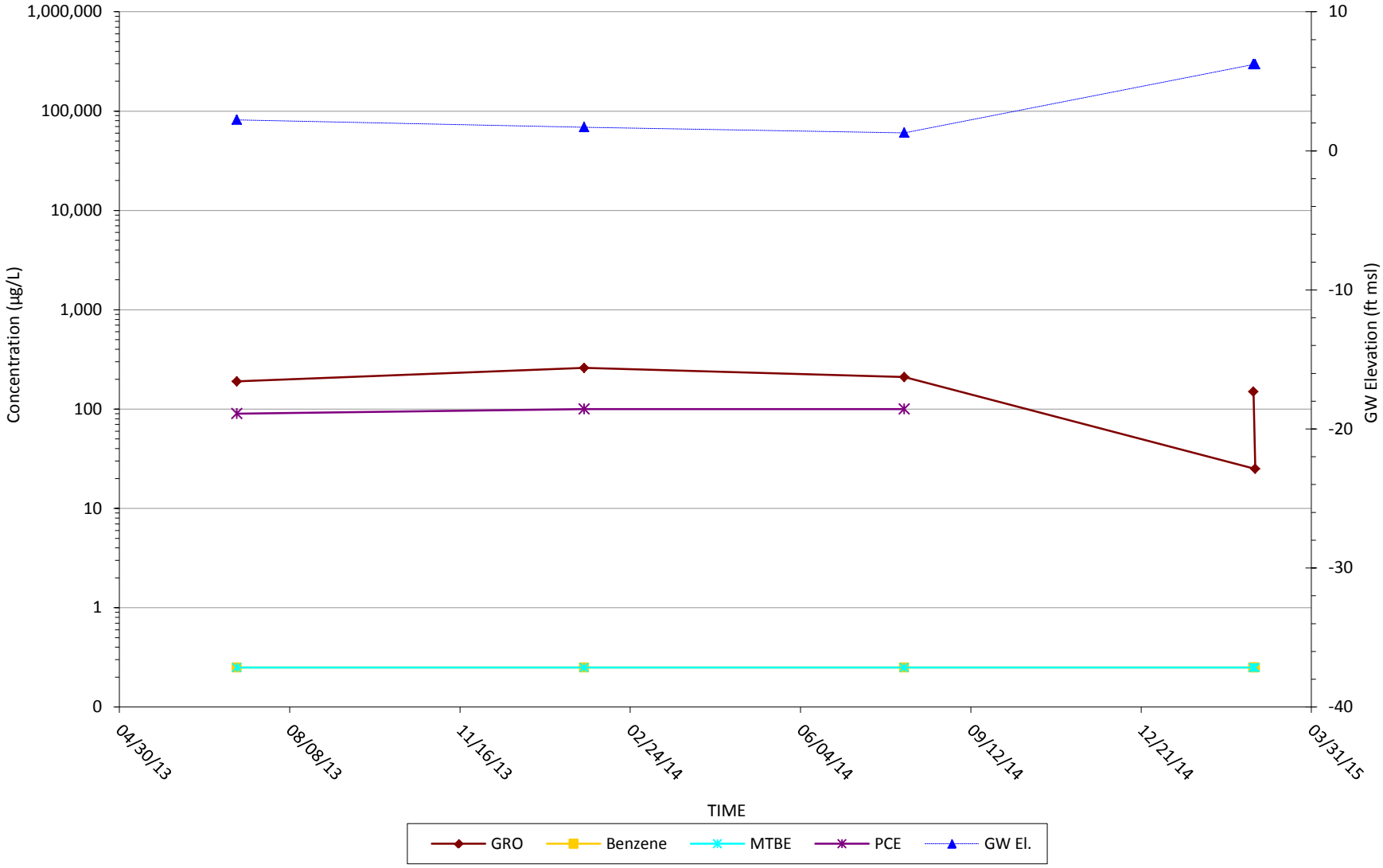
WELL MW-21
GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



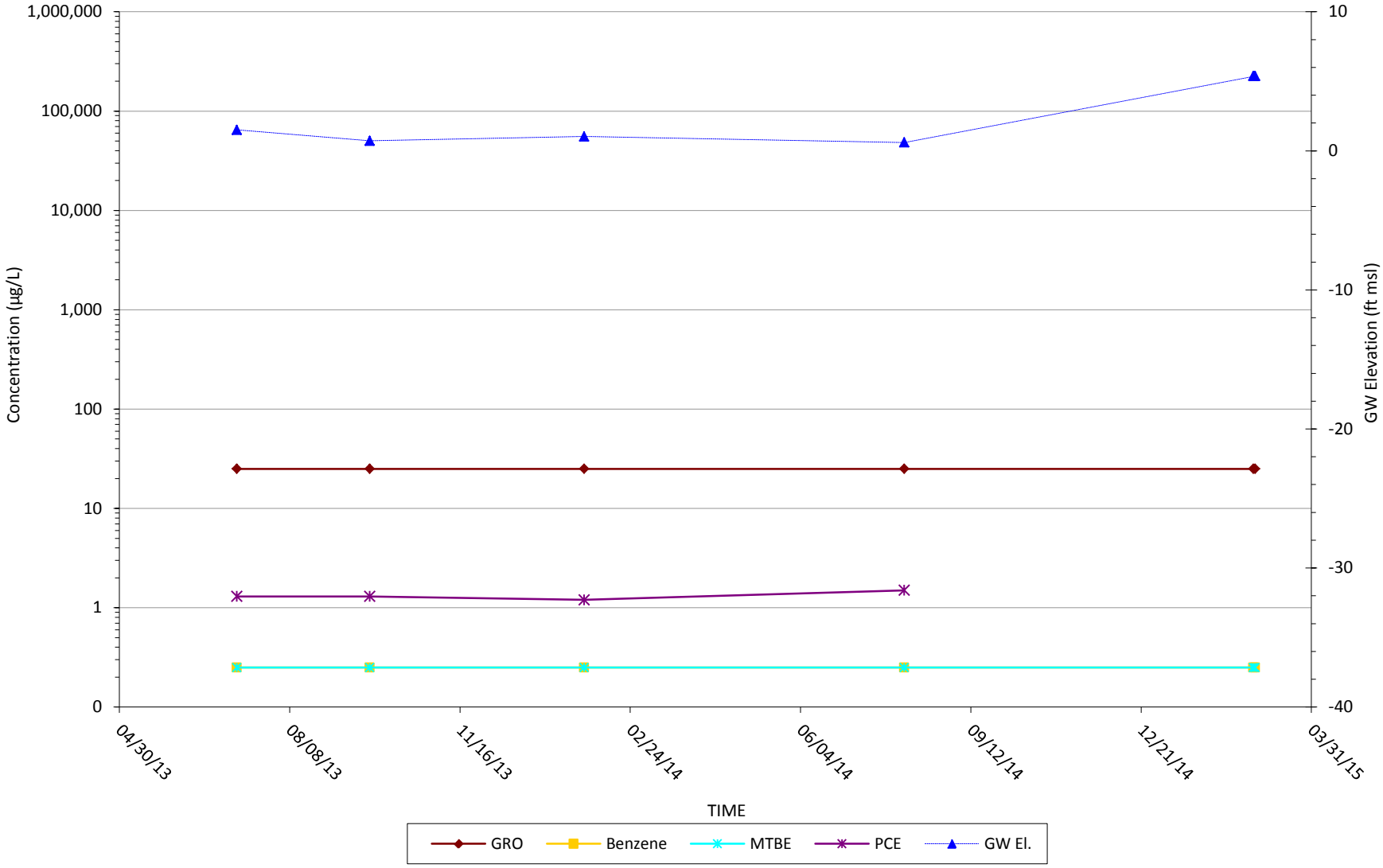
WELL MW-22
GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



WELL MW-23
GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



WELL MW-24
GRO, BENZENE, MTBE, PCE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



Appendix N

Non-Hazardous Waste Manifest—Groundwater Monitoring

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

446047
↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
2/11/15		198/470	A07	44074	0011

Generator and/or Consultant

Generator's Name and Billing Address:
PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Phone #: 818-206-5705
Person to Contact:
FAX#:
Customer Account Number:

Consultant's Name and Billing Address:

Consultant's Phone #:
Person to Contact:
FAX#:
Customer Account Number:

Generation Site (Transport from): *(name & address)*
76 STATION NO. 256390
402 S. DELAWARE ST.
SAN MATEO, CA 94402

Site Phone #:
Person to Contact:
FAX#:

Designated Facility (Transport to): *(name & address)*
SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001
Person to Contact: JOE PROVANSAL
FAX#: (760) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 251615

Transporter's Phone #: 949-460-5200
CAR000183913
Person to Contact: LARRY MOOTHART
460847
FAX#: 949-460-5210
Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	2 CM		39180	38100	1080
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					54

List any exception to items listed above:
Scale Ticket # 118193

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☒
DAVID SISAK ON BEHALF OF PLATINUM ENERGY
Signature and date:
Month: 02 Day: 11 Year: 15

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: RYAN Solace
Signature and date:
Month: 3 Day: 5 Year: 15

Recycling Facility

Discrepancies:
256390
1125068

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: J. PROVANSAL
Signature and date: 3-11-15

Please print or type.

TRANSPORTER COPY

NO. 715382

30

NON-HAZARDOUS WASTE DATA FORM

BEST # 251615

GENERATOR

Generator's Name and Mailing Address
PLATINUM ENERGY
ATTENTION: SHANE NOLAN
30343 CANWOOD STREET, SUITE 200
AGOURA HILLS, CA 91301

Generator's Site Address (if different than mailing address)
76 STATION NO. 256390
402 S. DELAWARE ST.
SAN MATEO, CA 94402

Generator's Phone: 818-206-5705

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1

Container type transported to receiving facility:
☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 55 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%
2. TPH		<1%
3.		
4.		

Waste Profile _____ PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name: DAVID SUNG ON BEHALF OF PLATINUM ENERGY
Signature: [signature]
Month 02 Day 11 Year 15

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Larry Moothart
Signature: [signature]
Month 3 Day 5 Year 15

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC.
Phone#: 714-990-6855

Transporter 2 Printed/Typed Name: Jeff Wyrick
Signature: [signature]
Month 3 Day 16 Year 15

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#: 310-537-7100

Printed/Typed Name: Mary
Signature: Mary
Month 03 Day 17 Year 15

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

256390
1128660

Third Quarter 2017 Semi-Annual Monitoring Report

76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94401

San Mateo County Groundwater Protection Program
LOP Case No. 110069

Antea Group Project No. I40256390
January 12, 2018

Prepared for:
Deno Milano
San Mateo County Health System
Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94404

Prepared by:
Antea®Group
11010 White Rock Road, Suite 140
Rancho Cordova, CA 95670 USA
+1 800 477 7411

Table of Contents

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2.0 SECOND AND THIRD QUARTER 2017 1
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2.2 Work Proposed for the Fourth Quarter 2017 and First Quarter 2018 1
2.3 Current Project Status 1
2.4 Regulatory Correspondence 1
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Third Quarter 2017
Semi-Annual Monitoring Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, CA
San Mateo County Groundwater Protection Program LOP Case No. 110069

1.0 INTRODUCTION

Antea®Group has prepared this *Third Quarter 2017 Semi-Annual Monitoring Report* to document the groundwater monitoring and sampling event performed on August 4, 2017 for 76 Service Station No. 6390 at 402 South Delaware Street in San Mateo, California (**Figure 1**). A summary of the site location and history is presented as **Appendix A**. The site layout is depicted on **Figure 2**. Monitoring well and soil boring information is summarized in **Table 1.**

2.0 SECOND AND THIRD QUARTER 2017

2.1 Work Performed in the Second and Third Quarter 2017

1. Antea Group submitted the *First Quarter 2017 Semi-Annual Monitoring Report* on May 12, 2017.
2. Antea Group submitted a *Closure Request* on August 3, 2017.
3. Blaine Tech Services Inc. (Blaine Tech) performed the first quarter 2017 gauging and sampling event on August 4, 2017.

2.2 Work Proposed for the Fourth Quarter 2017 and First Quarter 2018

1. Antea Group will submit the *Third Quarter 2017 Semi-Annual Monitoring Report* (contained herein) to the San Mateo County Groundwater Protection Program (GPP).
2. Blaine Tech will perform the first quarter 2018 monitoring and sampling event pending case closure.

2.3 Current Project Status

Table A: Project Summary

Current phase of project:	Semi-annual and annual groundwater monitoring / No active remediation
Monitoring well gauging schedule:	Semi-annual (1st & 3rd Quarters): MW-6, MW-10R, MW-18, MW-21, MW-22, MW-25 Annual (1st Quarter): MW-4, MW-7, MW-8, MW-9, MW-12B, MW-13B, MW-14B, MW-15B, MW-17B, MW-19, MW-20, MW-23, MW-24
Monitoring well sampling schedule:	Semi-annual (1st & 3rd quarters): MW-6, MW-10R, MW-18, MW-21, MW-22, MW-25 Annual (1st Quarter only) MW-4, MW-7, MW-8, MW-9, MW-12B, ME-13B, MW-14B, MW-15B, MW-17B, MW-19, MW-20, MW-23, MW-24
Local receptors:	Four Irrigation wells 1,000 feet – the closest wells are approximately 675 feet NE and 775 feet NNW of the site

2.4 Regulatory Correspondence

In a letter dated August 21, 2017, available on GeoTracker, the GPP denied the case closure request due to procedures mentioned in the *First Quarter 2017 Semi-Annual Monitoring Report*. The GPP indicated in the letter that a peristaltic pump

is not suitable for collecting groundwater samples for analysis of Volatile Organic Compounds (VOCs). However, the California State Water Resources Control Board (SWRCB) *Leaking Underground Fuel Tank Guidance Manual September 2012 (Revised December 2015)* includes the peristaltic pump in a list of acceptable sample collection equipment.

The GPP also indicated a letter should be issued if there is a disagreement of the direction of the work. Blaine Tech collected the third quarter 2017 samples, on August 4, 2017, prior to the August 21, 2017 letter from the GPP, using an electric submersible with new, disposable polyethylene (PE) tubing for each sampled well in accordance with their Standard Operating Procedures for low-flow sampling provided as **Appendix B** prior to receiving the letter from the GPP. Antea Group validated the data collected during the third quarter 2017 monitoring event. For future sampling, Antea Group has adjusted the scope to use a bladder pump instead of a peristaltic pump and will schedule Blaine Tech to sample in first quarter 2018.

2.5 Groundwater Monitoring

During the third quarter 2017 monitoring and sampling event, Blaine tech gauged 19 wells and sampled 6 wells per their standard protocol (**Appendix B**) and the semi-annual sampling schedule**.** Copies of Blaine Tech's field data sheets are included as **Appendix C.** The table below summarizes the recent gauging and sampling event.

Table B: Summary of Monitoring and Sampling Events

Well gauging and sampling dates:	August 4, 2017
Wells gauged:	MW-4, MW-6, MW-7, MW-8, MW-9, MW-10R, MW-12B, MW-13B, MW-14B, MW-15B, MW-17B, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25
Wells sampled:	MW-6, MW-10R, MW-18, MW-21, MW-22, MW-25
Purge method:	Low-flow methods via bladder pump
Sample collection method:	Bladder Pump with disposable tubing
Groundwater parameters measured (**Appendix C**):	Temperature, pH, Conductivity, Turbidity, and Dissolved Oxygen (DO)
Wells with measurable LNAPL:	None

LNAPL – Light non aqueous phase liquid

2.5.1 Groundwater Flow Gradient and Directional Trends

Groundwater flow direction during the third quarter 2017 was variable, but generally to the east at a gradient of approximately 0.003 foot per foot (ft/ft). A groundwater elevation contour map based on data collected during the third quarter 2017 monitoring event is depicted on **Figure 3**.

2.5.2 Groundwater Quality Data

Blaine Tech submitted the groundwater samples collected during the third quarter 2017 under chain of custody protocol to California Environmental Laboratory Accreditation Program (ELAP) certified (Certification No. 2944) Eurofins CalScience, Inc. (Calscience). Antea Group requested the following analyses:

- Gasoline Range Organics (carbon range C_6-C_{12}) by Environmental Protection Agency (EPA) Test Method 8260B;
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Test Method 8260B;

- Fuel oxygenates and lead scavengers: methyl tertiary butyl ether (MTBE), tertiary butyl ether (TBA), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), ethanol, ethylene dibromide (EDB), and 1,2-dichloroethane (1,2-DCA) by EPA Test Method 8260B, and;
- Naphthalene by EPA Test Method 8260B.

Groundwater analytical results are presented in **Table 2** (current) and **Table 3** (historical). Laboratory analytical reports are included in **Appendix D**.

2.5.3 Groundwater Contaminant Trends

Using third quarter 2017 groundwater analytical results for selected wells, Antea Group contoured the estimated extents of dissolved phase GRO, benzene, and MTBE on **Figures 4, 5, and 6**, respectively. The dissolved phase plumes generally center near wells MW-6, MW-10R, and MW-18, and concentrations reported for the third quarter 2017 samples are consistent with historical data. No analytes of concern have been reported in samples collected from monitoring well MW-25, which has been historically downgradient of MW-21.

Time-series graphs depicting groundwater elevations, GRO, benzene, and MTBE concentrations over time for wells MW-6, MW-10R, MW-18, MW-21, and MW-22 are presented as **Appendix E**. Overall, contaminant concentrations appear to be relatively stable or have a non-discernable trend in the selected wells.

2.5.4 Waste Disposal Summary

Blaine Tech generated wastewater during the August 4, 2017 event through well purging/sampling and equipment cleaning. Blaine Tech transported the wastewater to their bulk facility in San Jose, California, and after the batching process, they will transport the wastewater to Seaport Environmental in Redwood City, California for disposal. The waste manifest was not available at the time of report submittal; however, they will be included in a future report.

2.5.5 Quality Assurance / Quality Control (QA/QC)

Antea Group's QA/QC measures included a detailed QA/QC data validation check of the Calscience results. Antea Group's data validation forms are included in **Appendix D**. A summary of the QA/QC is provided in the table below:

Table C: QA/QC Summary Third Quarter 2017

August 4, 2017 sampling event	
Laboratory QA/QC Performed:	Yes (validated by Antea Group)
Laboratory Data Qualifiers:	Yes
Are the data valid for their intended purpose?	Yes, the data are valid

Based on a review of the laboratory analytical report, including their QA/QC procedures and those implemented by Antea Group, we conclude that the laboratory data obtained during the third quarter 2017 groundwater sampling event is valid and usable for its intended purpose.

3.0 SUMMARY

Based on the third quarter 2017, groundwater data, Antea Group concludes the following:

- The highest dissolved-phase petroleum hydrocarbon concentrations were generally reported in MW-6, MW-10R, and MW-18 adjacent to, and historically downgradient from the underground storage tanks (USTs).
- The contaminant plumes are well delineated.
- Petroleum hydrocarbon concentrations are generally stable or show no discernible trend.

Data from the third quarter 2017 monitoring and sampling event continue to support a case for closure under the Low Threat Closure Policy. Per the August 21, 2017 letter from the GPP, Antea Group will amend the existing groundwater monitoring program to gauge and sample all monitoring wells using a submersible electric pump or bladder pump for the first quarter 2018 monitoring event.

4.0 REMARKS

The findings contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea USA, Inc., the data from those reports are used "as is" and is assumed to be accurate. Antea USA, Inc does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

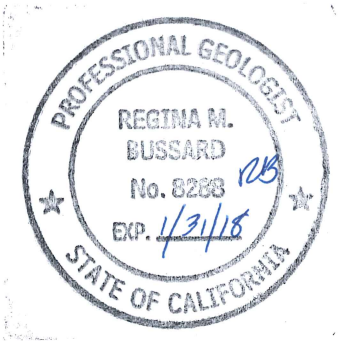
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Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature follows.

Licensed Approver:



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Project Professional
California Registered Professional Geologist No. 8288
Antea Group

cc: GeoTracker (upload)

Tables

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TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Updated: 4/6/2015

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Updated: 4/6/2015

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

TABLE 2
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 256390
402 DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA						GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylene (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	1,2-DCA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	Ethanol (ug/L)	EDB (ug/L)	Naphthalene (ug/L)
MW-4	8/4/2017	19.01	16.38	NP	--	2.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/4/2017	19.08	16.37	NP	--	2.71	--	**42,000**	**620**	**970**	**2,200**	**7,200**	< 25	< 250	< 50	< 12	< 50	< 50	< 2500	< 25	**730**
MW-7	8/4/2017	21.74	18.83	NP	--	2.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/4/2017	18.42	15.60	NP	--	2.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/4/2017	19.42	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10R	8/4/2017	19.11	16.74	NP	--	2.37	--	**17,000**	**17**	< 10	**1,100**	**2,300**	< 10	< 100	< 20	< 5.0	< 20	< 20	< 1000	< 10	**420**
MW-12B	8/4/2017	18.68	16.61	NP	--	2.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B	8/4/2017	19.14	16.45	NP	--	2.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	8/4/2017	18.47	15.75	NP	--	2.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15B	8/4/2017	19.12	16.88	NP	--	2.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	8/4/2017	18.75	15.80	NP	--	2.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/4/2017	19.61	16.96	NP	--	2.65	--	**12,000**	**110**	**600**	**330**	**2,100**	**99**	**300**	< 4.0	< 1.0	< 4.0	< 4.0	< 200	< 2.0	**120**
MW-19	8/4/2017	19.06	16.53	NP	--	2.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	8/4/2017	19.01	16.76	NP	--	2.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	8/4/2017	18.52	16.32	NP	--	2.20	--	**1,700**	**0.79**	< 1.0	**15**	**4.9**	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	**39**
MW-22	8/4/2017	20.86	17.78	NP	--	3.08	--	< 50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-23	8/4/2017	22.33	19.05	NP	--	3.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	8/4/2017	19.51	17.02	NP	--	2.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/4/2017	18.60	16.85	NP	--	1.75	--	< 50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10

Notes:

<	Denotes less than the Laboratory Reporting Limit	GRO	Gasoline range organics	TBA	Tert-butyl alcohol
--	Not applicable / measured	GWE	Groundwater elevation	TAME	Tert-amyl methyl ether
µg/L	Micrograms per liter	GW	Groundwater	1,2-DCA	1,2-Dichloroethane
TOC	Top of Casing	MTBE	Methyl tertiary butyl ether	DIPE	Diisopropyl Ether
BOLD	Indicates a concentration above the Reporting Limit	EDB	1-2-Dibromoethane	ETBE	Ethyl-butyl ether

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
UST REPLACEMENT WATER SAMPLE																						
W1	--	--	8/25/1992 v, ff	21	--	--	--	--	50,000	1,200	6,700	1,400	10,000	--	--			--	--	--	--	--
SOIL BORINGS & TEMP WELLS																						
SP1	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
SP2	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
SP4	--	--	2/14/96	10.5	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	--	--	21,000 k	1,300 k	1,500 k	1,400 k	4,000 k	330 k	<200 k	<10 k	<10 k	--	--	<5000	--	--
SP-6	--	--	12/15/06	15	--	--	--	--	38,000 k	<10 k	<10 k	570 k	660 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--
SP-7	--	--	12/15/06	32	--	--	--	--	<50 k	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	--	--	<250	--	--
SP-8	--	--	12/15/06	15.2	--	--	--	--	51,000 k	110 k	100 k	3,000 k	9,600 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--
SB-1	--	--	5/18/11	16.25	--	--	--	--	111	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-3	--	--	5/18/11	20.25	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-4	--	--	5/18/11	14.5	--	--	--	--	<50.0	0.54	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-5	--	--	5/18/11	NO SAMPLE COLLECTED - BORING WAS DRY AT 30 FT AND 40 FT BGS (ATTEMPTED GRAB SAMPLE USING PRE-PACK SCREEN)																		
SB-6	--	--	6/7/11	21	--	--	--	--	45,800	40.5	1,230	1,420	7,430	1.5	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-7	--	--	5/18/11	14.2	--	--	--	--	166,000	2,790	15,600	4,080	21,000	1,160	2950	2.0	<1.0	--	--	<250	--	--
SB-8	--	--	5/17/12	14.50	--	--	--	--	330 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	--	--	--	--	--
SB-9	--	--	4/12/12	15.80	--	--	--	--	90,000	1,100	6,500	4,400	21,000	<40 k	<200 k	<40 k	<40 k	--	--	<400 k	--	--
SB-11	--	--	3/15/13	31.00	--	--	--	--	15 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	42	<0.50	--
TW-1	--	--	4/11/12	15.46	--	--	--	--	53 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	--	--	--
MONITORING WELLS																						
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	09/26/94	17.80	-2.93	-2.38	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	10/20/94	17.90	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	12/12/94	14.84	0.03	0.58	0	No	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	01/24/95	10.00	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/24/95	11.50	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	04/07/95	9.20	5.67	2.30	0	No	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/31/95	12.70	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	06/24/95	13.81	1.06	-1.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	09/08/95 a	16.70	-1.83	-1.53	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	12/08/95	17.96	-3.09	-1.26	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	03/08/96	7.85	7.02	10.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/29/96	13.27	1.60	-5.42	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/27/96	16.61	-1.74	-3.34	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/18/96	17.01	-2.14	-0.40	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/20/97	8.96	5.91	8.05	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/27/97	15.37	-0.50	-6.41	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/26/97	17.01	-2.14	-1.64	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/25/97	16.50	-1.63	0.51	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/13/98	6.07	8.80	10.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/21/98	11.76	3.11	-5.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/17/98	15.15	-0.28	-3.39	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/19/98	16.13	-1.26	-0.98	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/15/99	10.94	3.93	5.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/13/99	12.70	2.17	-1.76	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/10/99	15.39	-0.52	-2.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/09/99	16.28	-1.41	-0.89	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/14/00	10.38	4.49	5.90	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/18/00	13.62	1.25	-3.24	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/09/00	16.43	-1.56	-2.81	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-1	10 - 28	14.87 ♦	11/08/00	16.20	-1.33	0.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/14/01	13.34	1.53	2.86	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/15/01	16.63	-1.76	-3.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/13/02	12.46	2.41	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/26/02	16.26	-1.39	-3.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/18/03	12.09	2.78	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/21/03	15.25	-0.38	-3.16	0	No	63	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	03/30/04	12.05	2.82	3.20	0	No	81	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/18/04	16.04	-1.17	-3.99	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	03/10/05	9.66	9.80	--	0	No	84 j	1.70	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	03/01/06	11.94	7.52	3.13	0	No	94	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	08/02/06	15.08	4.38	-3.14	0	No	69 n,p	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-2	10 - 30	14.50 ♦	06/15/94	15.33	-0.83	--	0	No	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	09/26/94	17.62	-3.12	-2.29	0	No	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	12/12/94	14.74	-0.24	0.50	0	No	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	04/07/95	9.11	5.39	2.31	0	No	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	06/24/95	13.75	0.75	-1.12	0	No	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	09/08/95 a	16.54	-2.04	-1.46	0	No	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	12/08/95 b	17.80	-3.30	-1.26	0	No	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	03/08/96	7.74	6.76	10.06	0	No	10,000	2,400	2,000	530	2,900	3,500	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/29/96	13.23	1.27	-5.49	0	No	120,000	10,000	39,000	3,100	19,000	9,900	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/27/96	16.50	-2.00	-3.27	0	No	340,000	1,000	42,000	3,800	22,000	5,300	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/18/96	16.90	-2.40	-0.40	0	No	32,000	2,500	7,200	760	4,000	4,400	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/20/97	8.61	5.89	8.29	0	No	<250	76	3.1	<2.5	13	1,200	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/27/97	15.03	-0.53	-6.42	0	No	39,000	3,700	11,000	1,200	6,700	4,200	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/26/97	16.89	-2.39	-1.86	0	No	69,000	7,200	20,000	2,900	17,000	4,500	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/25/97	15.96	-1.46	0.93	0	No	110,000	5,800	21,000	3,400	20,000	3,400	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/13/98	5.75	8.75	10.21	0	No	10,000	850	510	170	2,000	630	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/21/98	11.78	2.72	-6.03	0	No	38,000	3,300	6,700	1,200	5,800	2,200	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/17/98	15.20	-0.70	-3.42	0	No	79,000 e	6,100	12,000	3,000	17,000	3,700	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/19/98	16.05	-1.55	-0.85	0	No	430	27	20	23	120	17	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/15/99	10.88	3.62	5.17	0	No	7,600	900	170	340	1,500	800	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/13/99	12.59	1.91	-1.71	0	No	53,000	4,100	7,900	2,200	12,000	1,800	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/10/99	15.35	-0.85	-2.76	0	No	59,000	3,300	5,300	2,600	17,000	1,700	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/09/99	16.20	-1.70	-0.85	0	No	29,900	2,070	1,530	1,610	5,820	1,300	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/14/00	10.25	4.25	5.95	0	No	6,460	716	140	478	942	636	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/18/00	13.51	0.99	-3.26	0	No	27,400	1,830	3,400	1,500	6,160	1,230 h	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/09/00	16.28	-1.78	-2.77	0	No	36,900	2,400	450	2,060	9,510	1,220	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/08/00	16.08	-1.58	0.20	0	No	50,300	3,110	2,960	2,550	12,000	872	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/14/01	13.18	1.32	2.90	0	No	8,090	700	55.90	630	597	841	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/15/01	16.65	-2.15	-3.47	0	No	13,000	1,500	910	1,300	1,300	910	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/13/02	12.38	2.12	4.27	0	No	23,000	1,600	2,400	1,500	4,200	640	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/26/02	16.17	-1.67	-3.79	0	No	32,000 k	1,600 k	900 k	2,100 k	6,300 k	<250 k	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/18/03	12.01	2.49	4.16	0	No	600	93	13	3.4	46	98	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/21/03	15.23	-0.73	-3.22	0	No	25,000	1,300	330	1,400	5,400	460	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	03/30/04	11.18	3.32	4.05	0	No	9,800	790	800	1,000	1,900	400	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/18/04	16.00	-1.50	-4.82	0	No	14,000	1,100	150	2,000	2,000	600	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-2	10 - 30	19.11 †	03/10/05	9.53	9.58	--	0	No	160	16	14	10	14	34	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	09/30/05	--	--	--	--	--	3,400	370	23	750	220	220	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	03/02/06	11.89	7.22	3.14	0	No	4,100	240	85	160	420	140	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	08/02/06	14.99	4.12	-3.10	0	No	5,800 k	380 k	12 k	840 k	370 k	130 k	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	09/26/94	19.06	-2.99	-2.35	0	No	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	12/12/94	16.12	-0.05	0.54	0	No	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	04/07/95	10.47	5.60	2.31	0	No	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/31/95	13.90	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	06/24/95	15.07	1.00	-1.17	0	No	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	09/08/95 a	17.95	-1.88	-1.50	0	No	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	12/08/95 b	19.25	-3.18	-1.30	0	No	350	51	43	11	36	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	03/08/96	9.15	6.92	10.10	0	No	3,200	1,300	99	68	240	1,700	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/29/96	14.58	1.49	-5.43	0	No	1,300	350	120	42	120	1,300	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/27/96	17.90	-1.83	-3.32	0	No	14,000	650	210	82	250	1,200	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/18/96	18.19	-2.12	-0.29	0	No	1,700	440	90	21	150	1,600	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/20/97	9.42	6.65	8.77	0	No	<50	1.3	<0.50	<0.50	<0.50	200	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/27/97	16.67	-0.60	-7.25	0	No	12,000	1,700	1,000	520	2,900	2,400	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/26/97	18.32	-2.25	-1.65	0	No	6,400	1,800	100	430	1,300	2,400	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/25/97	17.40	-1.33	0.92	0	No	7,800	2,000	190	420	750	2,700	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/13/98	6.55	9.52	10.85	0	No	3,900	1,000	<25	180	150	1,700	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/21/98	13.11	2.96	-6.56	0	No	320	180	<2.0	<2.0	3.5	490	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/17/98	16.51	-0.44	-3.40	0	No	115 d	25	0.99	7.3	10	18	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/19/98	17.47	-1.40	-0.96	0	No	4,600	1,500	<12	430	190	1,800	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/15/99	12.35	3.72	5.12	0	No	2,400	910	6.5	200	110	1,200	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/13/99	13.96	2.11	-1.61	0	No	1,900	640	<5.0	48	77	1,100	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/10/99	16.08	-0.01	-2.12	0	No	14,000	2,600	<50	680	2,000	2,000	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/09/99	17.60	-1.53	-1.52	0	No	5,060	1,330	<20	292	282	1,440	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/14/00	11.64	4.43	5.96	0	No	4,400	1,140	64.2	346	338	946	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/18/00	14.89	1.18	-3.25	0	No	2,770	884	<10	140	109	735	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/09/00	17.71	-1.64	-2.82	0	No	23,600	2,790	2,470	1,470	4,230	1,130	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/08/00	17.51	-1.44	0.20	0	No	62,100	3,480	16,000	2,120	9,460	540	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/14/01	14.58	1.49	2.93	0	No	32,800	2,540	2,660	2,460	7,740	320	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/15/01	17.95	-1.88	-3.37	0	No	7,700	1,000	<20	830	1,500	660	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/13/02	13.72	2.35	4.23	0	No	2,300	340	20	170	200	110	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/26/02	17.61	-1.54	-3.89	0	No	5,900 k	960 k	<25 k	800 k	1,000 k	330 k	<1000 k	<20 k	20 k	--	--	--	<5000	--
MW-3	10 - 28	16.07 ♦	02/18/03	13.32	2.75	4.29	0	No	770	160	37	9.7	70	46	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/21/03	16.70	-0.63	-3.38	0	No	18,000	1,100	260	1,100	4,000	370	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	03/30/04	13.35	2.72	3.35	0	No	720	140	<1.0	6.0	14	47	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/18/04	17.43	-1.36	-4.08	0	No	3,500	740	<2.5	25	15	150	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	03/10/05	10.89	9.80	--	0	No	130	43	1.0	1.0	6.2	19	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	08/11/05	16.44	4.25	-5.55	0	No	1,900	260	6.1	12	26	140	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	03/01/06	13.29	7.40	3.15	0	No	2,100	330	3.6	14	58	120	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	08/02/06	16.37	4.32	-3.08	0	No	2,100	230 k	11	44	240	85	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	06/24/95	13.83	0.55	-1.11	0	No	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-4	7 - 27	14.38 ♦	07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	09/08/95 a	16.51	-2.13	-1.36	0	No	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	12/08/95 b	17.82	-3.44	-1.31	0	No	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	03/08/96	7.88	6.50	9.94	0	No	44,000	3,400	11,000	1,300	7,200	1,700	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/29/96	13.30	1.08	-5.42	0	No	100,000	5,100	28,000	3,200	19,000	4,000	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/27/96	16.65	-2.27	-3.35	0	No	41,000	2,200	3,300	780	4,000	500	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/18/96	17.05	-2.67	-0.40	0	No	29,000	2,300	4,000	1,100	5,600	3,000	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/20/97	8.73	5.65	8.32	0	No	<250	65	3.70	<2.5	15	1,100	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/27/97	15.17	-0.79	-6.44	0	No	5,500	690	460	200	1,600	290	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/26/97	16.91	-2.53	-1.74	0	No	21,000	1,600	3,000	1,000	5,400	530	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/25/97	15.87	-1.49	1.04	0	No	24,000	1,000	2,300	840	4,800	250	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/13/98	5.80	8.58	10.07	0	No	62 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/21/98	11.86	2.52	-6.06	0	No	86	0.86	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/17/98	15.16	-0.78	-3.30	0	No	120	3.1	6.5	<0.50	18	6.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/19/98	16.15	-1.77	-0.99	0	No	230	7.8	42	5.5	43	<2.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/15/99	10.91	3.47	5.24	0	No	68 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/13/99	12.71	1.67	-1.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	3.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/10/99	15.42	-1.04	-2.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/09/99	16.27	-1.89	-0.85	0	No	1,320	38	211	50	228	<25	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/14/00	10.19	4.19	6.08	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/18/00	13.58	0.80	-3.39	0	No	51.3	<0.50	<0.50	<0.50	<0.50	9.86	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/09/00	16.36	-1.98	-2.78	0	No	534	8.75	62	26.3	131	2.56	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/08/00	16.22	-1.84	0.14	0	No	2,190	34	347	70.6	536	<12.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/14/01	13.12	1.26	3.10	0	No	287	5.37	13.4	9.52	32.9	16.9	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/15/01	16.52	-2.14	-3.40	0	No	490	4.2	48	20	140	2.7	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/13/02	12.45	1.93	4.07	0	No	58 d	2.30	<0.50	<0.50	1.60	21	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/26/02	16.24	-1.86	-3.79	0	No	180	1.50	15	1.10	55	<2.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/18/03	12.12	2.26	4.12	0	No	550	58	3.50	<0.50	110	33	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/21/03	15.30	-0.92	-3.18	0	No	120	<0.50	<0.50	<0.50	1.20	<2.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	03/30/04	12.08	2.30	3.22	0	No	220	0.91	<0.50	1.50	1.30	24	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/18/04	16.17	-1.79	-4.09	0	No	81	<0.50	<0.50	0.60	2.80	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	03/10/05	9.59	9.43	--	0	No	8,600	290	360	560	1,800	41	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	08/11/05	15.11	3.91	-5.52	0	No	140	3.9	6.1	2.2	7.7	0.23	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	03/01/06	11.91	7.11	3.20	0	No	2,800	70	37	200	370	43	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	08/02/06	15.08	3.94	-3.17	0	No	170 n,p	<0.50	<0.50	<0.50	<0.50	0.84	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	01/26/07	14.91	4.11	0.17	0	No	50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	08/28/07	16.85	2.17	-1.94	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	02/01/08	10.32	8.70	6.53	0	No	1,800 k	52	5.0	7.6	410 k	8.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	07/03/08	16.32	2.70	-6.00	0	No	73	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 ††	08/18/08	16.96	2.05	-0.65	0	No	**Monitoring well not sampled - gauged only**													
MW-4	7 - 27	19.01 †††	01/30/09	15.48	3.53	1.48	0	No	130	<0.50	<0.50	0.92	2.8	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	07/30/09	17.00	2.01	-1.52	0	No	88 n,w	<0.50	<0.50	<0.50	<1.0	0.57	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	01/18/10	14.89	4.12	2.11	0	No	51.2	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	03/30/10	12.39	6.62	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	07/14/10	15.49	3.52	-3.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	01/06/11	11.83	7.18	3.66	0	No	56.4 bb	0.65	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	02/02/12	15.73	3.28	-3.90	0	No	88.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	05/30/12 ee	14.86	4.15	0.87	0	No	60.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-4	7 - 27	19.01 †††	08/06/12 ee	17.15	1.86	-2.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-4	7 - 27	19.01 †††	02/14/13	14.43	4.58	2.72	0	No	86 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW-4	7 - 27	19.01 †††	07/08/13	17.17	1.84	-2.74	0	No	**Monitoring well not sampled - gauged only**													
MW-4	7 - 27	19.01 †††	01/28/14	17.93	1.08	-0.76	0	No	230 kk	<0.50	<0.50	10	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	3.20
MW-4	7 - 27	19.01 †††	08/04/14	18.34	0.67	-0.41	0	No	**Monitoring well not sampled - gauged only**													
MW-4	7 - 27	19.01 †††	02/26/15	13.68	5.33	4.66	0	No	63	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	1.0
MW-4	7 - 27	19.01 †††	08/28/15	19.02	-0.01	-5.34	0	No	**Monitoring well not sampled - gauged only**													

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-4	7 - 27	19.01 †††	01/27/16	13.83	5.18	5.19	0	No	170	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-4	7 - 27	19.01 †††	07/14/16	17.35	1.66	-3.52	0	No	**Monitoring well not sampled - gauged only**													
MW-4	7 - 27	19.01 †††	01/11/17	10.59	8.42	6.76	0	No	**1,800**	8	2.2	77	140	1.10	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	30.0
MW-4	7 - 27	20.01 †††	08/04/17	16.38	2.63	-5.79	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	06/24/95	13.80	0.45	-1.11	0	No	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	07/25/95	15.10	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	09/08/95 a	16.51	-2.26	-1.41	0	No	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	12/08/95 b	17.77	-3.52	-1.26	0	No	200 c	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	03/08/96	7.79	6.46	9.98	0	No	310	93	0.95	0.62	4.10	2,100	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/29/96	13.27	0.98	-5.48	0	No	180	9.70	12	1.70	8.10	730	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/27/96	16.50	-2.25	-3.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/18/96	17.08	-2.83	-0.58	0	No	91	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/20/97	8.78	5.47	8.30	0	No	<50	2.30	<0.50	<0.50	0.87	280	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/27/97	15.23	-0.98	-6.45	0	No	91	<0.50	<0.50	<0.50	0.62	20	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/26/97	16.88	-2.63	-1.65	0	No	81	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/25/97	15.92	-1.67	0.96	0	No	110	1.40	1.10	0.55	3.10	9	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/12/98	5.72	8.53	10.20	0	No	100 d	0.53	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/21/98	11.64	2.61	-5.92	0	No	120	1.40	<0.50	<0.50	<0.50	73	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/17/98	15.12	-0.87	-3.48	0	No	110	110	<0.50	<0.50	<0.50	11	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/19/98	16.11	-1.86	-0.99	0	No	100 f	1.20	<0.50	0.50	0.88	13	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/15/99	10.88	3.37	5.23	0	No	110 d	<0.50	<0.50	<0.50	8.80	8.80	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/13/99	12.67	1.58	-1.79	0	No	98	<0.50	<0.50	<0.50	<0.50	7.10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/10/99	15.40	-1.15	-2.73	0	No	120 e	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/09/99	16.22	-1.97	-0.82	0	No	120 d	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/14/00	10.07	4.18	6.15	0	No	133 d	<0.50	<0.50	<0.50	<0.50	13.30	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/18/00	13.55	0.70	-3.48	0	No	114 d	<0.50	<0.50	<0.50	<0.50	24.10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/09/00	16.50	-2.25	-2.95	0	No	180 i	0.53	2.09	<0.50	2.19	7.76	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/08/00	16.33	-2.08	0.17	0	No	131	<0.50	<0.50	<0.50	<0.50	2.86	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/14/01	13.07	1.18	3.26	0	No	175 d	<0.50	0.54	<0.50	0.69	13.40	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/15/01	16.55	-2.30	-3.48	0	No	390	3.40	38	16	110	<2.5	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/13/02	12.42	1.83	4.13	0	No	100 d	1.40	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/26/02	16.21	-1.96	-3.79	0	No	310	7.20	33	4.60	76	<2.5	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/18/03	12.08	2.17	4.13	0	No	400	64	<1.0	<1.0	6.40	210	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/21/03	15.29	-1.04	-3.21	0	No	310	3.30	4.30	1.10	14.00	2.10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	03/30/04	12.01	2.24	3.28	0	No	360	13	<0.50	<0.50	<1.0	73	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/18/04	16.04	-1.79	-4.03	0	No	50,000	740	830	2,200	20,000	120	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	03/10/05	9.48	9.41	--	0	No	530	7.80	<1.0	<1.0	2.40	320	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	08/11/05	15.07	3.82	-5.59	0	No	350	12	6.3	2.5	32	3.2	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	03/01/06	11.82	7.07	3.25	0	No	460	2.8	<0.50	<0.50	<1.0	43	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	08/02/06	15.04	3.85	-3.22	0	No	370 n,p	<0.50	<0.50	<0.50	<0.50	9.4	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	**MONITORING WELL DESTROYED ON 01/02/2007**																			
MW-6	13 - 19	19.07 ††	01/26/07	14.79	4.28	--	0	No	67,000 k	380 k	8,600 k	3,600 k	17,000 k	62	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.07 ††	08/28/07	16.75	2.32	-1.96	0	No	67,000 k,q	520 k	6,300 k	4,600 k	25,000 k	100 k	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.07 ††	02/01/08	10.80	8.27	5.95	0	No	69,000 k	720 k	5,000 k	3,100 k	21,000 k	130 k	--	--	<50 k	--	--	--	--	--
MW-6	13 - 19	19.07 ††	07/03/08	16.21	2.86	-5.41	0	No	86,000 k	600 k	4,700 k	4,000 k	26,000 k	100	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	08/18/08	16.87	2.20	-0.66	0	No	**Monitoring well not sampled - gauged only**													
MW-6	13 - 19	19.08 †††	01/30/09	15.41	3.67	1.47	0	No	57,000 k	1,200 k	15,000 k	2,700 k	13,000 k	110 k	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	07/30/09	16.93	2.15	-1.52	0	No	68,000 k	1,000 k	3,600 k	4,300 k	25,000 k	210 k	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	01/18/10	14.74	4.34	2.19	0	No	54,900	2,020	8,090	3,340	17,700	171	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	03/30/10	12.31	6.77	2.43	0	No	--	--	--	--	27,600	--	31	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-6	13 - 19	19.08 †††	07/14/10	15.38	3.70	-3.07	0	No	107,000	1,410	3,240	4,090	17,900	142	134	0.54	<1.0	<0.50	<0.50	<250	<1.0	--
MW-6	13 - 19	19.08 †††	01/06/11	11.70	7.38	3.68	0	No	47,500	1,510	2,340	2,750	10,600	194	14.1	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-6	13 - 19	19.08 †††	02/02/12	15.62	3.46	-3.92	0	No	62,600 k	1,820 k	7,750 k	3,540 k	14,200 k	220 k	<250 k	<25 k	<50 k	<25.0	<25.0	<12500	<50.0	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-6	13 - 19	19.08 †††	05/30/12 ee,S5	14.68	4.40	0.94	0	No	60,100	1,080	1,220	3,860	14,200	94.1	42.5	<0.50	<1.0	--	--	<250	--	--
MW-6	13 - 19	19.08 †††	08/06/12 ee	17.02	2.06	-2.34	0	No	39,000	1,000	260	3,800	8,200	140.0	<50	<10	<10	<10	<10	<100	<10	--
MW-6	13 - 19	19.08 †††	02/14/13	14.28	4.80	2.74	0	No	45,000	1,000	1,600	2,800	7,300	130	<70	<15	<15	<15	<15	<150	<15	820
MW-6	13 - 19	19.08 †††	07/08/13	17.30	1.78	-3.02	0	No	17,000	800	63	2,300	2,300	150	29	<4.0	<4.0	<4.0	<4.0	<40	<4.0	620
MW-6	13 - 19	19.08 †††	01/28/14	17.88	1.20	-0.58	0	No	15,000	810	44	1,700	870	86	27	<2.5	<2.5	<2.5	<2.5	<25	<2.5	520
MW-6	13 - 19	19.08 †††	08/04/14	18.15	0.93	-0.27	0	No	23,000	1,100	160	2,700	2,900	110	43	<2.5	<2.5	<2.5	<2.5	<50	<2.5	750
MW-6	13 - 19	19.08 †††	02/26/15	13.49	5.59	4.66	0	No	26,000	1,500	1,700	<5.0	4,800	110	<50	<5.0	<5.0	<5.0	<5.0	<40	<5.0	870
MW-6	13 - 19	19.08 †††	08/28/15	19.07	0.01	19.06	0	No	**Insufficient Water**													
MW-6	13 - 19	19.08 †††	01/27/16	13.83	5.25	8.58	0	No	46,000	1,500	1,700	2,900	3,490	94	<250	<50	<12	<50	<50	<2,500	<25	830
MW-6	13 - 19	19.08 †††	07/14/16	17.20	1.88	15.32	0	No	18,000	1,200	<25	2,900	1,056	60	<250	<50	<12	<50	<50	<2,500	<25	**710**
MW-6	13 - 19	19.08 †††	01/11/17	11.51	7.57	3.94	0	No	54,000	1,300	3,900	3,200	6,000	100	<250 a	<50 a	<12 a	<50 a	<50 a	<2500	<25 a	**790**
MW-6	13 - 19	19.08 †††	08/04/17	16.37	2.71	13.66	0	No	42,000	620	970	2,200	7,200	<25	<250	<50	<12	<50	<50	<2500	<25	**730**
MW-7	22 - 25	21.74 ††	01/26/07	17.17	4.57	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	08/28/07 u	19.19	2.55	-2.02	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	02/01/08	12.64	9.10	6.55	0	No	160 n,w	0.99	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	--	--
MW-7	22 - 25	21.74 ††	07/03/08	18.60	3.14	-5.96	0	No	130 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	08/18/08	19.34	2.40	-0.74	0	No	**Monitoring well not sampled - gauged only**													
MW-7	22 - 25	21.74 ††	01/30/09	17.80	3.94	1.54	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	07/30/09	19.20	2.54	-1.40	0	No	150 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	01/18/10	17.17	4.57	2.03	0	No	191	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	03/30/10	14.83	6.91	2.34	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	07/14/10	17.78	3.96	-2.95	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	01/06/11	14.13	7.61	3.65	0	No	99.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	02/02/12	18.07	3.67	-3.94	0	No	176.0 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	05/30/12 ee	17.00	4.74	1.07	0	No	304	<0.50	<0.50	4.3	21.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	08/06/12	19.50	2.24	-2.50	0	No	**Monitoring well not sampled - gauged only**													
MW-7	22 - 25	21.74 ††	02/14/13	21.74	0.00	-2.24	0	No	220 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-7	22 - 25	21.74 ††	07/08/13	17.51	4.23	4.23	0	No	**Monitoring well not sampled - gauged only**													
MW-7	22 - 25	21.74 ††	01/28/14	20.38	1.36	-2.87	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-7	22 - 25	21.74 ††	08/04/14	20.78	0.96	-0.40	0	No	**Monitoring well not sampled - gauged only**													
MW-7	22 - 25	21.74 ††	02/26/15	15.72	6.02	5.06	0	No	100	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-7	22 - 25	21.74 ††	08/28/15	21.74	0.00	-6.02	0	No	**Gauging Only during third quarter events.**													
MW-7	22 - 25	21.74 ††	01/27/16	16.24	5.50	5.50	0	No	230	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-7	22 - 25	21.74 ††	07/14/16	19.71	2.03	-3.47	0	No	**Monitoring well not sampled - gauged only**													
MW-7	22 - 25	21.74 ††	01/11/17	13.13	8.61	6.58	0	No	**220**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-7	22 - 25	21.74 ††	08/04/17	18.83	2.91	-5.70	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	01/26/07	14.09	4.33	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	08/28/07	15.98	2.44	-1.89	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	02/01/08	9.66	8.76	6.32	0	No	59 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	--	--
MW-8	17 - 30	18.42 ††	07/03/08	14.57	3.85	-4.91	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	08/18/08	16.11	2.31	-1.54	0	No	**Monitoring well not sampled - gauged only**													
MW-8	17 - 30	18.42 ††	01/30/09	14.64	3.78	1.47	0	No	77 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	07/30/09	16.16	2.26	-1.52	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	01/18/10	14.03	4.39	2.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	03/30/10	11.53	6.89	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	07/14/10	14.69	3.73	-3.16	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	01/06/11	11.09	7.33	3.60	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	02/02/12	14.90	3.52	-3.81	0	No	64.4 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	05/30/12	14.09	4.33	0.81	0	No	**Monitoring well not sampled - gauged only**													
MW-8	17 - 30	18.42 ††	08/06/12	16.23	2.19	-2.14	0	No	**Monitoring well not sampled - gauged only**													
MW-8	17 - 30	18.42 ††	02/14/13	18.42	0.00	-2.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-8	17 - 30	18.42 ††	07/08/13	16.85	1.57	1.57	0	No	**Monitoring well not sampled - gauged only**													
MW-8	17 - 30	18.42 ††	08/04/14	17.50	0.92	-0.65	0	No	**Monitoring well not sampled - gauged only**													
MW-8	17 - 30	18.42 ††	02/26/15	12.81	5.61	4.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-8	17 - 30	18.42 ††	08/28/15	18.42	0.00	-5.61	0	No	**Monitoring well not sampled - gauged only**													

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	BTEX [2] Toluene (µg/L)	BTEX [2] Ethylbenzene (µg/L)	BTEX [2] Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-8	17 - 30	18.42 ††	07/14/16	18.42	0.00	0.00	0	No	**Monitoring well not sampled - gauged only**													
MW-8	17 - 30	18.42 ††	01/11/17	10.04	8.38	8.38	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-8	17 - 30	18.42 ††	08/04/17	15.60	2.82	-5.56	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11.5 - 15	19.42 ††	01/26/07	14.90	4.52	--	0	No	<50 n,q	<0.50	<0.50	<0.50	0.73	<0.50	--	--	--	--	--	--	--	--
MW-9	11.5 - 15	19.42 ††	08/28/07	14.98	4.44	-0.08	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	2/1/2008	10.50	8.92	4.48	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	--	--
MW-9	11.5 - 15	19.42 ††	07/03/08	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**													
MW-9	11.5 - 15	19.42 ††	01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	03/30/10	12.62	6.80	--	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-9	11.5 - 15	19.42 ††	07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	01/06/11	11.90	7.52	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-9	11.5 - 15	19.42 ††	02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	05/30/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	08/06/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	02/14/13 gg	14.37	5.05	--	0	No	<50	<0.50	<0.50	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-9	11.5 - 15	19.42 ††	07/08/13	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	01/28/14	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	08/04/14	DRY	--	--	--	--	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	02/25/15	13.62	5.80	0.75	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-9	11.5 - 15	19.42 ††	08/28/15	DRY	--	--	--	No	**Monitoring well not sampled - reported as dry**													
MW-9	11.5 - 15	19.42 ††	01/27/16	13.96	5.46	-0.34	0	No	**Monitoring well not sampled - Insufficient Water**													
MW-9	11.5 - 15	19.42 ††	07/14/16	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**													
MW-9	11.5 - 15	19.42 ††	01/11/17	11.02	8.40	2.94	0	No	**<50**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-9	11.5 - 15	19.42 ††	08/04/17	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-10	6 - 13.5	19.17 †††	08/18/08	DRY	--	--	0	No	**Monitoring well not sampled - gauged only**													
MW-10	6 - 13.5	19.17 †††	01/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-10	6 - 13.5	19.17 †††	07/30/09	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-10	6 - 13.5	19.17 †††	01/18/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-10	6 - 13.5	19.17 †††	03/30/10	12.47	6.70	--	0	No	**Monitoring well not sampled - insufficient water column**													
MW-10	6 - 13.5	19.17 †††	07/14/10	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-10	6 - 13.5	19.17 †††	01/06/11	12.16	7.01	--	0	No	**Monitoring well not sampled - gauged only**													
MW-10	6 - 13.5	19.17 †††	02/02/12	DRY	--	--	0	No	**Monitoring well not sampled - reported as dry**													
MW-10	6 - 13.5	19.17 †††	**MONITORING WELL DESTROYED ON 04/11/2012**																			
MW-10R	6 -- 21	19.11 †††††	05/30/12 ee, ss	15.02	4.09	--	0	No	89,300	77.0	103	5,670	27,900	5.0	6.3	<0.50	<1.0	--	--	<250	--	--
MW-10R	6 -- 21	19.11 †††††	08/06/12 ee	17.26	1.85	-2.24	0	No	47,000	53.0	<20	3,300	12,000	<20	<90	<20	<20	<20	<20	<100	<20	--
MW-10R	6 -- 21	19.11 †††††	02/14/13	14.69	4.42	2.57	0	No	49,000	38	<15	2,500	10,000	<15	<70	<15	<15	<15	<15	<150	<15	1,300
MW-10R	6 -- 21	19.11 †††††	07/08/13	17.65	1.46	-2.96	0	No	56,000	31	<15	2,000	7,500	<15	<70	<15	<15	<15	<15	<150	<15	970
MW-10R	6 -- 21	19.11 †††††	01/28/14	18.22	0.89	-0.57	0	No	56,000	28	<15	2,600	9,200	<15	<70	<15	<15	<15	<15	<150	<15	1,100
MW-10R	6 -- 21	19.11 †††††	08/04/14	18.51	0.60	-0.29	0	No	27,000	31	9	2,000	6,900	0.8	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	630
MW-10R	6 -- 21	19.11 †††††	02/26/15	13.77	5.34	4.74	0	No	9,800	12	<2.5	670	1,400	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<50	<2.5	380
MW-10R	6 -- 21	19.11 †††††	06/25/15	17.14	1.97	-3.37	0	No	50,000	38	<50	3,600	9,300	<50	<500	<100	<25	<100	<100	<5,000	<50	1,200
MW-10R	6 -- 21	19.11 †††††	08/28/15	18.80	0.31	-1.66	0	No	46,000	28	<25	2,800	7,200	<25	<250	<50	<12	<50	<50	<2500	<25	850
MW-10R	6 -- 21	19.11 †††††	10/26/15	19.62	-0.51	-0.82	0	No	**Monitoring well not sampled - insufficient water column**													
MW-10R	6 -- 21	19.11 †††††	01/26/16	13.98	5.13	5.64	0	No	28,000	24	<20	1,600	3,410	<20	<200	<40	<10	<40	<40	<2000	<20	570
MW-10R	6 -- 21	19.11 †††††	07/14/16	17.60	1.51	-3.62	0	No	7,400	13	<5.0	520	626	<5.0	<50	<10	<2.5	<10	<10	<500	<5.0	**260**
MW-10R	6 -- 21	19.11 †††††	01/11/17	10.68	8.43	6.92	0	No	16,000	16	<10 a	1,100	1,900	<10 a	<100 a	<20 a	<5.0 a	<20 a	<20 a	<1000 a	<10 a	**390**
MW-10R	6 -- 21	19.11 †††††	08/04/17	16.74	2.37	-6.06	0	No	17,000	17	<10	1,100	2,300	<10	<100	<20	<5.0	<20	<20	<1000	<10	**420**
MW-11	5 - 15	19.23 †††	08/18/08	14.71	4.52	--	0	No	**Monitoring well not sampled - gauged only**													
MW-11	5 - 15	19.23 †††	01/30/09	14.80	4.43	-0.09	0	No	**Monitoring well not sampled - insufficient water column**													
MW-11	5 - 15	19.23 †††	07/30/09	14.83	4.40	-0.03	0	No	**Monitoring well not sampled - insufficient water column**													
MW-11	5 - 15	19.23 †††	01/18/10	14.62	4.61	0.21	0	No	**Monitoring well not sampled - insufficient water column**													
MW-11	5 - 15	19.23 †††	03/30/10	12.52	6.71	2.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-11	5 - 15	19.23 †††	07/14/10	14.53	4.70	-2.01	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	01/06/11	13.05	6.18	1.48	0	No	Monitoring well not sampled - gauged only													
MW-11	5 - 15	19.23 †††	02/02/12	14.68	4.55	-1.63	0	No	Monitoring well not sampled - gauged only													
MW-11	5 - 15	19.23 †††	05/30/12 ee	14.25	4.98	0.43	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-11	5 - 15	19.23 †††	08/06/12 gg	14.48	4.75	-0.23	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	02/14/13 gg	14.08	5.15	0.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-11	5 - 15	19.23 †††	MONITORING WELL DESTROYED ON 03/15/2013																			
MW-12B	19 - 29	18.68 †††	08/18/08	16.99	1.69	--	0	No	290 n	<0.50	<0.50	0.70	1.9	3.5 k	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-12B	19 - 29	18.68 †††	01/30/09	15.50	3.18	1.49	0	No	1,300 k	<1.2 k	<1.2 k	2.3 k	7.7 k	<1.2 k	--	--	--	--	--	--	--	--
MW-12B	19 - 29	18.68 †††	07/30/09	17.07	1.61	-1.57	0	No	300 k,n,w	<1.0 k	<1.0 k	<1.0 k	2.9 k	1.5 k	--	--	--	--	--	--	--	--
MW-12B	19 - 29	18.68 †††	01/18/10	14.97	3.71	2.10	0	No	221	1.9	1.7	1.7	5.8	<0.50	--	--	--	--	--	--	--	--
MW-12B	19 - 29	18.68 †††	03/30/10	12.24	6.44	2.73	0	No	<50.0	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	07/14/10	15.55	3.13	-3.31	0	No	296 aa	<0.50	<0.50	<0.50	<1.5	2.10	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	01/06/11	11.81	6.87	3.74	0	No	243 bb	<0.50	<0.50	<0.50	<1.5	0.60	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	02/02/12	15.77	2.91	-3.96	0	No	283 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	05/30/12	14.92	3.76	0.85	0	No	Monitoring well not sampled - gauged only													
MW-12B	19 - 29	18.68 †††	08/06/12 ee	17.12	1.56	-2.20	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-12B	19 - 29	18.68 †††	02/14/13	19.50	-0.82	-2.38	0	No	280 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-12B	19 - 29	18.68 †††	07/08/13	17.50	1.18	2.00	0	No	200 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	01/28/14	18.01	0.67	-0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	08/04/14	18.41	0.27	-0.40	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	02/25/15	13.72	4.96	4.69	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	08/28/15	18.70	-0.02	-4.98	0	No	150	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-12B	19 - 29	18.68 †††	01/27/16	13.81	4.87	4.89	0	No	300	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-12B	19 - 29	18.68 †††	07/14/16	17.40	1.28	-3.59	0	No	Monitoring well not sampled - gauged only													
MW-12B	19 - 29	18.68 †††	01/11/17	10.23	8.45	7.17	0	No	160	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-12B	19 - 29	18.68 †††	08/04/17	16.61	2.07	-6.38	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	08/18/08	16.92	2.22	--	0	No	300 n	3	0.98	<0.50	5.4	3.5 k	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-13B	21 - 31	19.14 †††	01/30/09	15.41	3.73	1.51	0	No	430 k,n,w	<1.2 k	<1.2 k	<1.2 k	<2.5 k	<1.2 k	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	07/30/09	17.00	2.14	-1.59	0	No	390 k,n,w	4.9 k	<1.0 k	<1.0 k	<2.0 k	3.0 k	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	01/18/10	14.81	4.33	2.19	0	No	314	<0.50	<0.50	<0.50	<1.5	1.1	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	03/30/10	12.10	7.04	2.71	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	07/15/10	15.47	3.67	-3.37	0	No	1,340	145	<0.50	4.0	<1.5	91.3	96.6	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	01/06/11	11.79	7.35	3.68	0	No	403 bb	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	02/02/12	15.70	3.44	-3.91	0	No	216 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	05/30/12 ee	14.82	4.32	0.88	0	No	2,110	321 dd	0.75	2.7	6.7	90.8	45.3	<0.50	<1.0 dd	--	--	<250	--	--
MW-13B	21 - 31	19.14 †††	08/06/12 ee	17.07	2.07	-2.25	0	No	230 cc	<0.50	<0.50	<0.50	<0.50	2.5	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-13B	21 - 31	19.14 †††	02/14/13	14.33	4.81	2.74	0	No	820	150	<0.50	0.94	0.64	28	8.1	<0.50	<0.50	<0.50	<0.50	<8.0	<0.50	--
MW-13B	21 - 31	19.14 †††	07/08/13	17.40	1.74	-3.07	0	No	240 cc	<0.50	<0.50	<0.50	<0.50	0.73	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-13B	21 - 31	19.14 †††	01/28/14	17.95	1.19	-0.55	0	No	330 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-13B	21 - 31	19.14 †††	08/04/14	18.30	0.84	-0.35	0	No	270 cc	0.88	<0.50	<0.50	<0.50	1.6	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-13B	21 - 31	19.14 †††	02/26/15	13.61	5.53	4.69	0	No	290	35.00	<0.50	<0.50	<0.50	5.5	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	6.3
MW-13B	21 - 31	19.14 †††	08/28/15	18.62	0.52	-5.01	0	No	260	6.80	<1.0	<1.0	<2.0	4.1	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-13B	21 - 31	19.14 †††	01/27/16	13.81	5.33	4.81	0	No	320	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-13B	21 - 31	19.14 †††	07/14/16	17.42	1.72	-3.61	0	No	Monitoring well not sampled - gauged only													
MW-13B	21 - 31	19.14 †††	01/11/17	10.71	8.43	6.71	0	No	360	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-13B	21 - 31	19.14 †††	08/04/17	16.45	2.69	-5.74	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	08/18/08	16.26	2.21	--	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-14B	18.8 - 28.8	18.47 †††	01/30/09	14.81	3.66	1.45	0	No	85 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	07/30/09	16.31	2.16	-1.50	0	No	61 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	01/18/10	14.20	4.27	2.11	0	No	<50	<0.50	<0.50	0.52	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	03/30/10	11.78	6.69	2.42	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-14B	18.8 - 28.8	18.47 †††	07/14/10	14.80	3.67	-3.02	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-14B	18.8 - 28.8	18.47 †††	01/06/11	11.18	7.29	3.62	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-14B	18.8 - 28.8	18.47 †††	02/02/12	15.05	3.42	-3.87	0	No	75.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-14B	18.8 - 28.8	18.47 †††	05/30/12 ee	14.20	4.27	0.85	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-14B	18.8 - 28.8	18.47 †††	08/06/12	16.44	2.03	-2.24	0	No	**Monitoring well not sampled - gauged only**													
MW-14B	18.8 - 28.8	18.47 †††	02/14/13	13.74	4.73	2.70	0	No	59 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-14B	18.8 - 28.8	18.47 †††	07/08/13	17.10	1.37	-3.36	0	No	**Monitoring well not sampled - gauged only**													
MW-14B	18.8 - 28.8	18.47 †††	08/04/14	17.68	0.79	-0.58	0	No	**Monitoring well not sampled - gauged only**													
MW-14B	18.8 - 28.8	18.47 †††	02/26/15	12.97	5.50	4.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-14B	18.8 - 28.8	18.47 †††	08/28/15	17.90	0.57	-4.93	0	No	**Monitoring well not sampled - gauged only**													
MW-14B	18.8 - 28.8	18.47 †††	01/27/16	13.15	5.32	4.75	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-14B	18.8 - 28.8	18.47 †††	07/14/16	16.69	1.78	-3.54	0	No	**Monitoring well not sampled - gauged only**													
MW-14B	18.8 - 28.8	18.47 †††	01/11/17	10.07	8.40	6.62	0	No	**56**	<0.50	<1.0	<1.0	<1.0	<1.0	11	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-14B	18.8 - 28.8	18.47 †††	08/04/17	15.75	2.72	-5.68	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	08/18/08	17.32	1.80	--	0	No	61 n	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-15B	17 - 27	19.12 †††	01/30/09	15.80	3.32	1.52	0	No	110 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	07/30/09	17.40	1.72	-1.60	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	01/18/10	15.21	3.91	2.19	0	No	81.8	<0.50	<0.50	<0.50	<1.5	<0.50 z	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	03/30/10	12.69	6.43	2.52	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	07/14/10	15.82	3.30	-3.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	01/06/11	12.10	7.02	3.72	0	No	93.1 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	02/02/12	16.05	3.07	-3.95	0	No	191 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	05/30/12	15.25	3.87	0.80	0	No	**Monitoring well not sampled - gauged only**													
MW-15B	17 - 27	19.12 †††	08/06/12	17.35	1.77	-2.10	0	No	**Monitoring well not sampled - gauged only**													
MW-15B	17 - 27	19.12 †††	02/14/13	14.79	4.33	2.56	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-15B	17 - 27	19.12 †††	07/08/13	16.92	2.20	-2.13	0	No	**Monitoring well not sampled - gauged only**													
MW-15B	17 - 27	19.12 †††	01/28/14	18.33	0.79	-1.41	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-15B	17 - 27	19.12 †††	08/04/14	18.75	0.37	-0.42	0	No	**Monitoring well not sampled - gauged only**													
MW-15B	17 - 27	19.12 †††	02/25/15	13.99	5.13	4.76	0	No	160	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-15B	17 - 27	19.12 †††	08/28/15	19.12	0.00	-5.13	0	No	**Monitoring well not sampled - gauged only**													
MW-15B	17 - 27	19.12 †††	01/27/16	14.12	5.00	5.00	0	No	250	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-15B	17 - 27	19.12 †††	07/14/16	17.69	1.43	-3.57	0	No	**Monitoring well not sampled - gauged only**													
MW-15B	17 - 27	19.12 †††	01/11/17	10.58	8.54	7.11	0	No	**240**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-15B	17 - 27	19.12 †††	08/04/17	16.88	2.24	-6.30	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	21 - 27	18.75 ††††	06/07/11	13.33	5.42	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-17B	21 - 27	18.75 ††††	02/02/12	15.10	3.65	-1.77	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	9.5	<0.50	<1.0	--	--	<250	--	--
MW-17B	21 - 27	18.75 ††††	05/30/12	14.14	4.61	0.96	0	No	**Monitoring well not sampled - gauged only**													
MW-17B	21 - 27	18.75 ††††	08/06/12	16.49	2.26	-1.39	0	No	**Monitoring well not sampled - gauged only**													
MW-17B	21 - 27	18.75 ††††	02/14/13	13.78	4.97	2.71	0	No	61 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-17B	21 - 27	18.75 ††††	07/08/13	16.86	1.89	-3.08	0	No	**Monitoring well not sampled - gauged only**													
MW-17B	21 - 27	18.75 ††††	01/28/14	17.35	1.40	-0.49	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-17B	21 - 27	18.75 ††††	08/04/14	17.70	1.05	-0.35	0	No	**Monitoring well not sampled - gauged only**													
MW-17B	21 - 27	18.75 ††††	02/25/15	13.00	5.75	4.70	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-17B	21 - 27	18.75 ††††	08/28/15	18.10	0.65	-5.10	0	No	**Monitoring well not sampled - gauged only**													
MW-17B	21 - 27	18.75 ††††	01/27/16	13.21	5.54	4.89	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-17B	21 - 27	18.75 ††††	07/14/16	16.75	2.00	-3.54	0	No	**Monitoring well not sampled - gauged only**													
MW-17B	21 - 27	18.75 ††††	01/11/17	10.55	8.20	6.20	0	No	**<50**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-17B	21 - 27	18.75 ††††	08/04/17	15.80	2.95	-5.25	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6 -- 21	19.61 †††††	05/30/12 ee, S5	15.27	4.34	--	0	No	98,900	3,420	23,000	2,440	15,200	1,270	2,460	<0.50	<1.0	--	--	<250	--	--
MW-18	6 -- 21	19.61 †††††	08/06/12 ee, S5	17.60	2.01	-2.33	0	No	46,000	2,300	9,500	1,400	12,000	1,600	2,200	<15	<15	<15	<15	<150	<15	--
MW-18	6 -- 21	19.61 †††††	02/14/13	14.90	4.71	2.70	0	No	16,000	410	1,500	370	2,500	450	1,400	<3.0	<3.0	<3.0	<3.0	<30	<3.0	140
MW-18	6 -- 21	19.61 †††††	07/08/13	17.90	1.71	-3.00	0	No	36,000	1,900	5,500	1,200	6,400	1,000	1,200	<3.0	<3.0	<3.0	<3.0	<250 ii	<3.0	320
MW-18	6 -- 21	19.61 †††††	01/28/14	18.47	1.14	-0.57	0	No	22,000	530	1,800	560	2,600	480	1,700	<2.5	<2.5	<2.5	<2.5	<25	<2.5	160
MW-18	6 -- 21	19.61 †††††	08/04/14	18.82	0.79	-0.92	0	No	24,000	1,300	1,500	1,000	4,200	870	1,500	<2.5	<2.5	<2.5	<2.5	<70	<2.5	260
MW-18	6 -- 21	19.61 †††††	NS	**Monitoring well not gauged or sampled - inaccessible due to parked car**																		
MW-18	6 -- 21	19.61 †††††	08/28/15	19.14	0.47	-0.32	--	NO	24,000	810	1,700	780	3,800	340	1,200	<20	<5.0	<20	<20	<1000	<10	150
MW-18	6 -- 21	19.61 †††††	01/27/16	14.40	5.21	4.42	0	No	84,000	890	11,000	1,700	10,800	<100	<1000	<200	<50	<200	<200	<10,000	<100	<1000
MW-18	6 -- 21	19.61 †††††	07/14/16	17.90	1.71	1.71	0	No	24,000	760	1,700	840	4,200	170	420	<20	<5.0	<20	<20	<1000	<10	210

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-18	6 -- 21	19.61 †††††	01/11/17	11.03	8.58	8.11	0	No	3,500	5	120	39	520	<2.0 a	<20 a	<4.0 a	<1.0 a	<4.0 a	<4.0 a	<200 a	<2.0 a	32
MW-18	6 -- 21	19.61 †††††	08/04/17	16.96	2.65	-2.56	0	No	12,000	110	600	330	2,100	99	300	<4.0	<1.0	<4.0	<4.0	<200	<2.0	120
MW-19	6 -- 21	19.06 †††††	05/30/12 ee,S5	14.85	4.21	--	0	No	15,700	13.5	14.0	427	2,180	0.83	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-19	6 -- 21	19.06 †††††	08/06/12	17.18	1.88	-2.33	--	--	**Monitoring well not sampled - gauged only**													
MW-19	6 -- 21	19.06 †††††	09/07/12 ee	17.63	1.43	-0.45	0	No	190	<0.50	<0.50	1.6	7.4	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-19	6 -- 21	19.06 †††††	02/14/13	14.50	4.56	3.13	0	No	470	1.4	<0.50	44	8.2	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	29
MW-19	6 -- 21	19.06 †††††	07/08/13	17.50	1.56	-3.00	0	No	100	<0.50	<0.50	2.2	4.10	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	0.6
MW-19	6 -- 21	19.06 †††††	01/28/14	18.00	1.06	-0.50	0	No	720	0.79	<0.50	35	0.99	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	5.1
MW-19	6 -- 21	19.06 †††††	08/04/14	18.40	0.66	-0.40	0	No	190	<0.50	<0.50	5.8	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-19	6 -- 21	19.06 †††††	02/26/15	13.69	5.37	4.71	0	No	3,000	9.70	2.0	240	160.00	0.79	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	240.0
MW-19	6 -- 21	19.06 †††††	08/28/15	18.68	0.38	-4.99	--	No	250	<0.50	<1.0	3	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-19	6 -- 21	19.06 †††††	01/27/16	13.87	5.19	4.81	0	No	5,100	3.20	2.1	48.0	15.00	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	140.0
MW-19	6 -- 21	19.06 †††††	07/14/16	17.43	1.63	-3.56	0	No	**Monitoring well not sampled - gauged only**													
MW-19	6 -- 21	19.06 †††††	01/11/17	10.61	8.45	6.82	0	No	**13,000**	**30**	**5.6**	**630**	**350**	<5.0 a	<50 a	<10 a	<2.5 a	<10 a	<10 a	<500 a	<5.0 a	**620**
MW-19	6 -- 21	19.06 †††††	08/04/17	16.53	2.53	-5.92	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	6 -- 21	19.01 †††††††	05/20/13	17.00	2.01	--	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<10
MW-20	6 -- 21	19.01 †††††††	07/08/13	17.70	1.31	0.70	0	No	110 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	01/28/14	18.21	0.80	0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	05/22/14	16.76	2.25	-1.45	0	No	140 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	08/04/14	18.60	0.41	1.84	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	11/24/14	18.49	0.52	0.11	0	No	300	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	02/25/15	13.86	5.15	4.63	0	No	70	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	0.6
MW-20	6 -- 21	19.01 †††††††	08/28/15	18.93	0.08	-5.07	--	No	67	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-20	6 -- 21	19.01 †††††††	01/27/16	14.00	5.01	4.93	0	No	130	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-20	6 -- 21	19.01 †††††††	07/14/16	17.54	1.47	-3.54	0	No	**Monitoring well not sampled - gauged only**													
MW-20	6 -- 21	19.01 †††††††	01/11/17	10.48	8.53	7.06	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-20	6 -- 21	19.01 †††††††	08/04/17	16.76	2.25	-6.28	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	6 -- 21	18.52 †††††††	05/20/13	16.83	1.69	--	0	No	3,400	0.72	<0.50	150	290	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20 hh	<0.50	82
MW-21	6 -- 21	18.52 †††††††	07/08/13	17.30	1.22	0.47	0	No	24,000	<5.0	<5.0	1,000	2,600	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<50	<5.0	460
MW-21	6 -- 21	18.52 †††††††	01/28/14	17.87	0.65	0.57	0	No	15,000	2.7	2.3	840	1,600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	340
MW-21	6 -- 21	18.52 †††††††	05/22/14	16.34	2.18	-1.53	0	No	3,400	1.5	0.63	170	260	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<8.0 hh	<0.50	69
MW-21	6 -- 21	18.52 †††††††	08/04/14	18.15	0.37	1.81	0	No	8,600	1.7	<1.5	480	860	<1.5	<7.0	<1.5	<1.5	<1.5	<1.5	<15 hh	<1.5	220
MW-21	6 -- 21	18.52 †††††††	11/24/14	18.00	0.52	0.15	0	No	11,000	2.1	1.50	520	600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20.0	<0.50	320
MW-21	6 -- 21	18.52 †††††††	02/25/15	13.45	5.07	4.55	0	No	700	0.7	<0.50	55	94	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	24
MW-21	6 -- 21	18.52 †††††††	06/25/15	17.38	1.14	-3.93	0	No	10,000	2.6	<5.0	610	880	<5.0	<50	<10	<2.5	<10	<10	<500	<5.0	270
MW-21	6 -- 21	18.52 †††††††	06/25/15	17.38	1.14	0.00	0	No	10,000	2.6	<5.0	610	900	<5.0	<50	<10	<2.5	<10	<10	<500	<5.0	270
MW-21	6 -- 21	18.52 †††††††	08/28/15	18.49	0.03	-1.11	0	No	6,500	1.9	<2.0	300	<222	<2.0	<20	<4.0	<1.0	<4.0	<4.0	<200	<2.0	180
MW-21	6 -- 21	18.52 †††††††	10/26/15	19.03	-0.51	-0.54	0	No	2,300	1.1	<2.0	52	20	<2.0	<20	<4.0	<1.0	<4.0	<4.0	<200	<2.0	55
MW-21	6 -- 21	18.52 †††††††	01/27/16	13.63	4.89	5.40	0	No	840	0.5	<1.0	3	4.6	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	26
MW-21	6 -- 21	18.52 †††††††	07/14/16	17.21	1.31	-3.58	0	No	3,700	1.5	<1.0	180	12	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<0.50	190
MW-21	6 -- 21	18.52 †††††††	01/11/17	10.06	8.46	7.15	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-21	6 -- 21	18.52 †††††††	08/04/17	16.32	2.20	-6.26	o	No	1,700	0.79	<1.0	15	4.9	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	39
MW-22	6 -- 21	20.86 †††††††	07/08/13	19.50	1.36	--	0	No	**Monitoring well not sampled - insufficient water to sample**													
MW-22	6 -- 21	20.86 †††††††	09/24/13	19.55	1.31	-0.05	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-22	6 -- 21	20.86 †††††††	01/28/14	19.56	1.30	-0.01	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	24 jj	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-22	6 -- 21	20.86 †††††††	08/04/14	20.05	0.81	-0.49	0	No	**Monitoring well not sampled - gauged only**													
MW-22	6 -- 21	20.86 †††††††	02/25/15	14.95	5.91	5.10	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-22	6 -- 21	20.86 †††††††	08/28/15	DRY	--	--	--	No	**Monitoring well not sampled - reported as dry**													
MW-22	6 -- 21	20.86 †††††††	01/27/16	15.41	5.45	-0.46	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-22	6 -- 21	20.86 †††††††	07/14/16	18.80	2.06	-3.39	0	No	61	<0.50	1.5	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-22	6 -- 21	20.86 †††††††	01/11/17	12.51	8.35	6.29	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-22	6 -- 21	20.86 †††††††	08/04/17	17.78	3.08	-5.27	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 †††††††	07/08/13	20.10	2.23	--	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 †††††††	01/28/14	20.63	1.70	-0.53	0	No	260 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 †††††††	08/04/14	21.03	1.30	-0.40	0	No	210 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	BTEX [2] Toluene (µg/L)	BTEX [2] Ethylbenzene (µg/L)	BTEX [2] Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-23	21 -- 31	22.33 ††††††††	02/25/15	16.10	6.23	4.93	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 ††††††††	07/14/16	18.80	2.06	-4.17	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 ††††††††	08/28/15	21.31	1.02	-1.04	0	No	170	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 ††††††††	01/27/16	16.31	6.02	5.00	0	No	210	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 ††††††††	07/14/16	19.02	3.31	-2.71	0	No	**Monitoring well not sampled - gauged only**													
MW-23	21 -- 31	22.33 ††††††††	01/11/17	13.43	8.90	5.59	0	No	210	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 ††††††††	08/04/17	19.05	3.28	-5.62	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	6 -- 21	19.51 ††††††††	07/08/13	18.00	1.51	--	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 ††††††††	09/24/13	18.79	0.72	-0.79	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 ††††††††	01/28/14	18.48	1.03	0.31	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 ††††††††	08/04/14	18.91	0.60	-0.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 ††††††††	02/25/15	14.13	5.38	4.78	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 ††††††††	08/28/15	19.24	0.27	-5.11	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-24	6 -- 21	19.51 ††††††††	01/27/16	14.26	5.25	4.98	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-24	6 -- 21	19.51 ††††††††	07/14/16	17.80	1.71	-3.54	0	No	**Monitoring well not sampled - gauged only**													
MW-24	6 -- 21	19.51 ††††††††	01/11/17	10.69	8.82	7.11	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-24	6 -- 21	19.51 ††††††††	08/04/17	17.02	2.49	-6.33	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6 -- 21	18.60 †††††††††	02/26/15	13.91	5.60	--	0	No	<50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50
MW-25	6 -- 21	18.60 †††††††††	06/25/15	17.71	0.89	-4.71	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	09/01/15	18.92	-0.32	-1.21	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	10/26/15	19.47	-0.87	-0.55	0	No	**Monitoring well not sampled - gauged only**													
MW-25	6 -- 21	18.60 †††††††††	01/27/16	13.95	4.65	5.52	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	07/14/16	17.60	1.00	-3.65	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	01/11/17	10.23	8.37	7.37	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	08/04/17	16.85	1.75	-6.62	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
QCTB	--	-- --	03/10/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/11/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	09/30/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	03/01/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.81	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/02/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	12/15/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	<1.0	--	--	<250	--	--
QCTB	--	-- --	01/26/07	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/28/07	--	--	--	--	--	<500 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	--	--	--	--	--	--	--	--
QCTB	--	-- --	02/01/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	07/03/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/18/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	01/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	07/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
TB1	--	-- --	01/18/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
TB1	--	-- --	07/14/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	01/06/11	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	02/02/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	05/30/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	08/06/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	--	--	<5.0	--	--
TB1	--	-- --	02/14/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
TB1	--	-- --	05/20/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	07/08/13	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
TB1	--	-- --	01/28/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	05/22/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	08/04/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	02/26/15	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	10/26/15	--	--	--	--	--	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
TB1	--	-- --	01/27/16	--	--	--	--	--	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)									

Notes:

<	Denotes less than Practical Quantitation Limit (PQL) or Minimum Detection Level (MDL)	TOC	Top of Casing	GRO	Gasoline range organics
--	Not analyzed/applicable/measured	GW	Groundwater	BTEX	Benzene, toluene, ethylbenzene, xylenes
CRWQCB	California Regional Water Quality Control Board	GWE	Groundwater Elevation	MTBE	Methyl tert-butyl ether
ESLs	Environmental Screening Levels	NAPL	Non-aqueous phase liquid	TBA	Tert-butyl alcohol
EPA	U.S. Environmental Protection Agency	µg/L	micrograms per liter	TAME	Tert-amyl methyl ether
QCTB & TB1	Trip blank samples for quality control	mg/L	milligrams per liter		

1,2-DCA	1,2-dichloroethane				
PCE	Tetrachloroethylene				
TCE	Trichloroethylene				

♦	The elevations were surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
†	TOC elevations were surveyed by Morrow Surveying on August 13, 2005 to the NAVD 88 datum by GPS observations.
††	TOC elevations were surveyed by Morrow Surveying on January 16, 2007 to the NAVD 88 datum by GPS observations.
†††	TOC elevations were surveyed by Mid Coast Engineers on August 18, 2008 to the NAVD 88 datum by GPS observations.
††††	TOC elevation was surveyed by Mid Coast Engineers on June 6, 2011 to the NAVD 88 datum by GPS observations.
†††††	TOC elevation was surveyed by Mid Coast Engineers on May 25, 2012 to the NAVD 88 datum by GPS observations.
†††††††	TOC elevation was surveyed by Morrow Surveying on May 16, 2013 to the NAVD 88 datum by GPS observations.
†††††††	TOC elevation was surveyed by Morrow Surveying on July 1, 2013 to the NAVD 88 datum by GPS observations.
††††††††	TOC elevation was surveyed by Morrow Surveying on February 6, 2015 to the NAVD 88 datum by GPS observations.

1	Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
2	Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
3	Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4	Analyzed by EPA Method 8260B.
5	Analyzed by EPA Method 8270C.

a	The presence of MTBE was potentially identified at reportable levels.
b	The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
c	The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
d	Chromatograph pattern: unidentified hydrocarbons C6-C12
e	Chromatograph pattern: weathered gasoline: C6-C12
f	Chromatograph pattern: discrete peaks C8-C12
g	Chromatograph pattern: discrete peaks
h	Sample was additionally run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
i	Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
j	The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
k	Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")
l	Detection limit raised due to sample dilution
m	Estimated value
n	Chromatogram not typical of gasoline.
o	The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.
p	TPPH was positive due to PCE present in the sample.
q	PCE, TCE, and/or 1,2-DCE were subtracted from the gasoline range TPPH, or GRO.
r	Sample hold time was exceeded.
s	Not enough sample to re-run for PCE.
t	First run did not pass, sample had to be diluted due to not enough sample. Only one voa submitted to lab.
u	Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007
v	Sample also analyzed for TPH-diesel (reported at a concentration of 28,000, with the chromatogram reporting a diesel and non-diesel mixture (<C16, >C22)
w	Result was positive due to PCE and TCE present in the sample.
x	Data from re-sampling event on 3/30/2010.
y	"L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
z	"M0" = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory reporting limits.
aa	"T4" = Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.
bb	"1n" = The GRO result for this sample did not match the pattern of the laboratory standard for gasoline, likely due to the presence of PCE in the sample
cc	Primary compounds not found in typical gasoline
dd	"M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.
ee	samples also tested for full VOCs, refer to laboratory analytical report for full list of analytes and results.

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

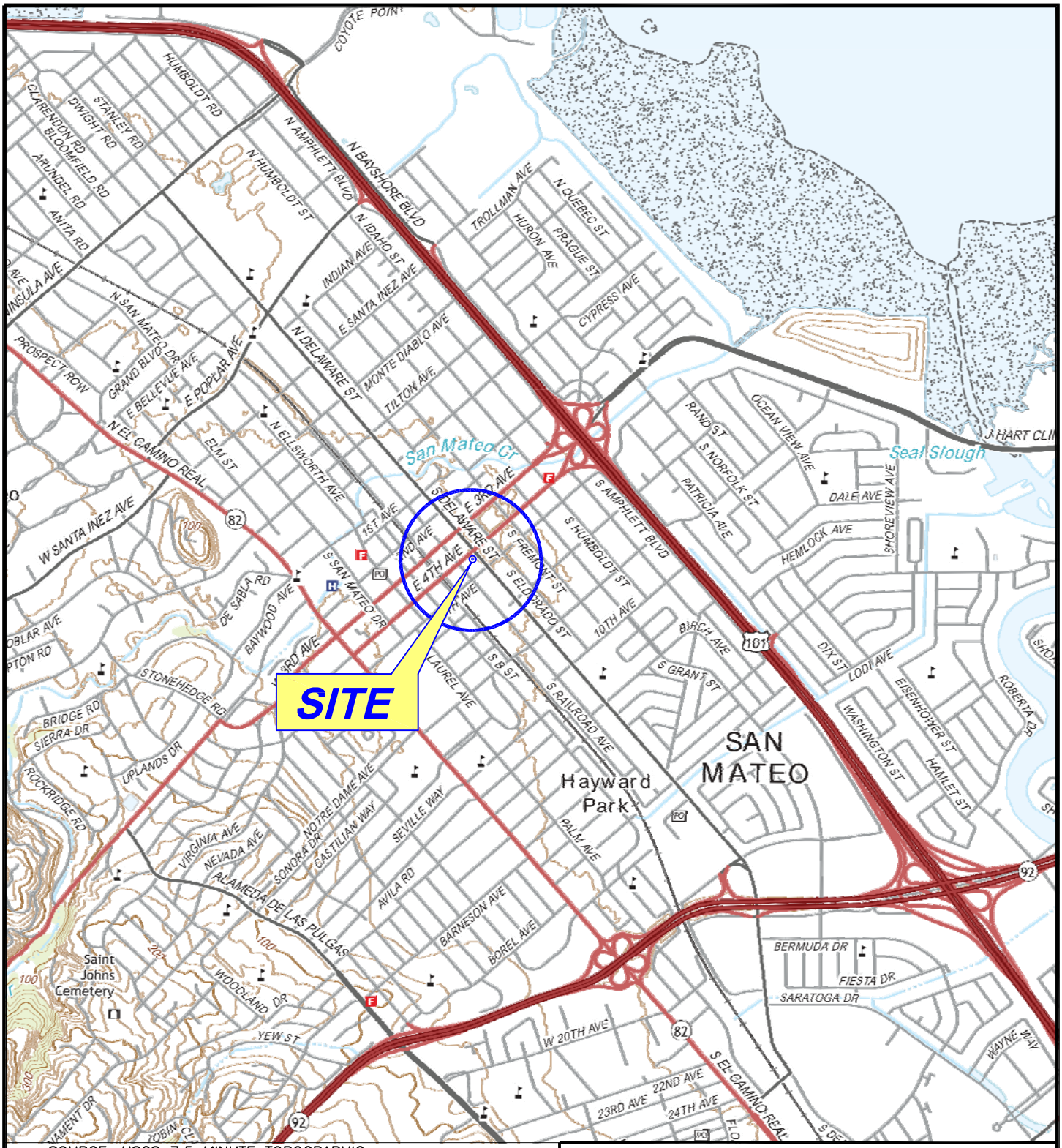
Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)									

ff Sample also analyzed for organic lead (result was 'non-detect')
gg Groundwater sample collected may represent casing water trapped in the well bottom.
S5 Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).
hh The method reporting limit for ethanol has been increased due to the presence of an interfering compound.
ii Repeat analysis of GRO yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
jj Repeat analysis for TBA yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
kk original GRO testing indicated that the primary compounds were not found in typical gasoline. These values were recalculated under the 'Gasoline Hydrocarbon' parameter, calculated by adding up the chromatographic peaks between hexane and dodecan (C6 to C12), subtracting the non-gasoline compounds (primarily dichloroethene, Trichloroethene, and tetrachloroethene), and comparing against a gasoline calibration curve.

Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and 7/30/09, and by Pace Analytical / Kiff Analytical between 1/18/10 and the present.

Figures

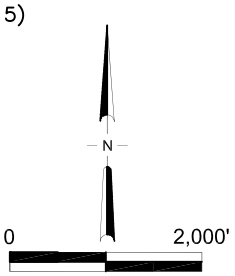
Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Elevation Contour Map – August 4, 2017
Figure 4 Dissolved Phase GRO Isoconcentration Map – August 4, 2017
Figure 5 Dissolved Phase Benzene Isoconcentration Map – August 4, 2017
Figure 6 Dissolved Phase MTBE Isoconcentration Map – August 4, 2017



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SAN MATEO QUADRANGLE (2015)



SITE LOCATION



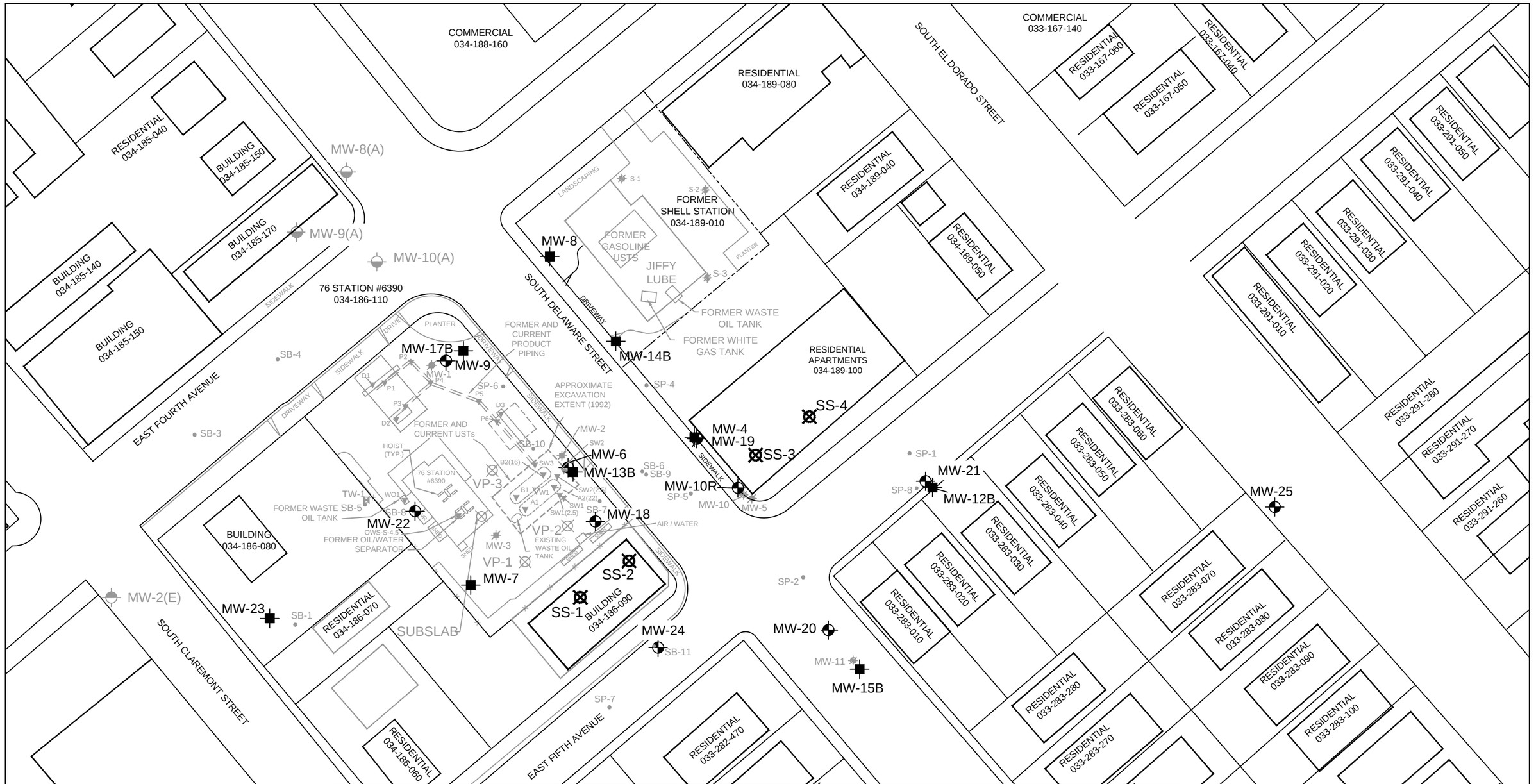
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLMed		PREPARED BY R. BUSSARD	
DATE 16 SEPT 16	REV. 2	REVIEWED BY	

anteagroup



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

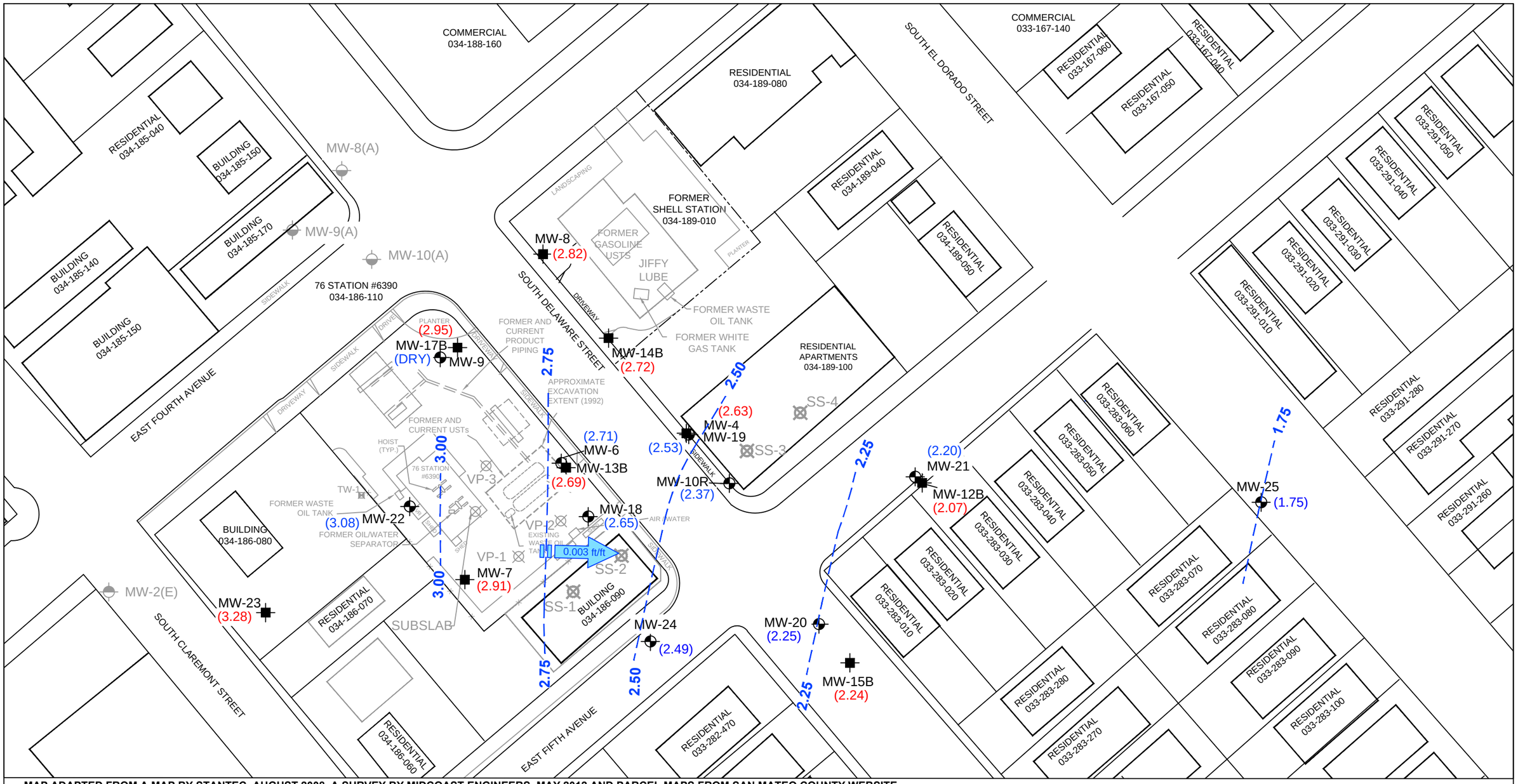
EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	TB	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
3/3/17	3/3/17	JF	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	E



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

(3.28) GROUNDWATER ELEVATION IN FEET ABOVE NAVD88

(2.95) DEEP SCREENED WELL; NOT USED IN CONTOUR INTERPRETATION

−−2.75−− GROUNDWATER CONTOUR LINE; DASHED WHERE INFERRED CONTOUR INTERVAL =0.25 ft

0.003 ft/ft APPROXIMATE GROUNDWATER FLOW DIRECTION WITH HYDRAULIC GRADIENT

N

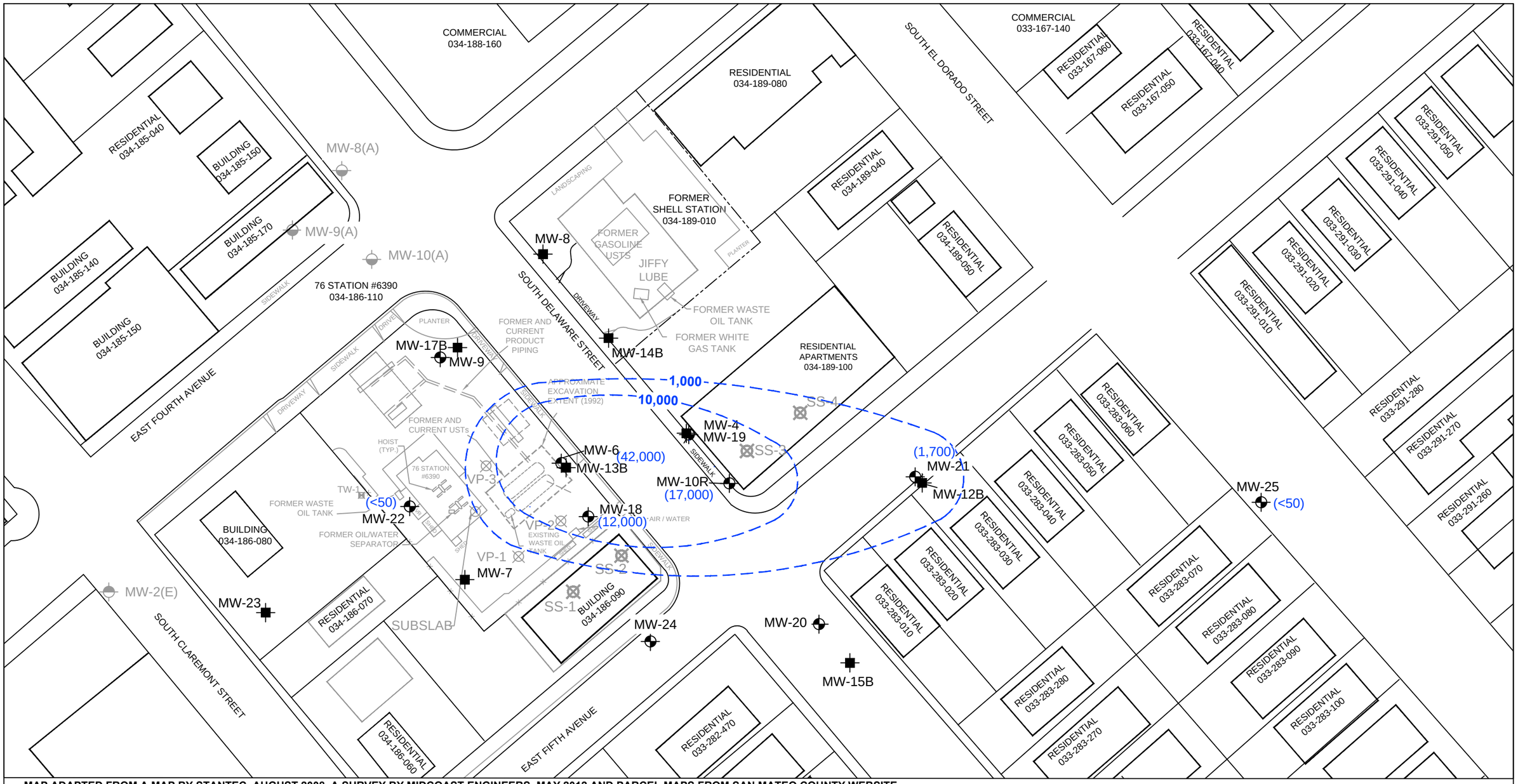
0 60'

SCALE

FIGURE 3
GROUNDWATER ELEVATION CONTOUR MAP
AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	anteagroup
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	11/15/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390−ExtS100	−



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10,000 – – DISSOLVED PHASE GRO ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (42,000) DISSOLVED PHASE GRO CONCENTRATION (ug/L)
- NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT
- <50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER
- GRO GASOLINE RANGE ORGANICS

N

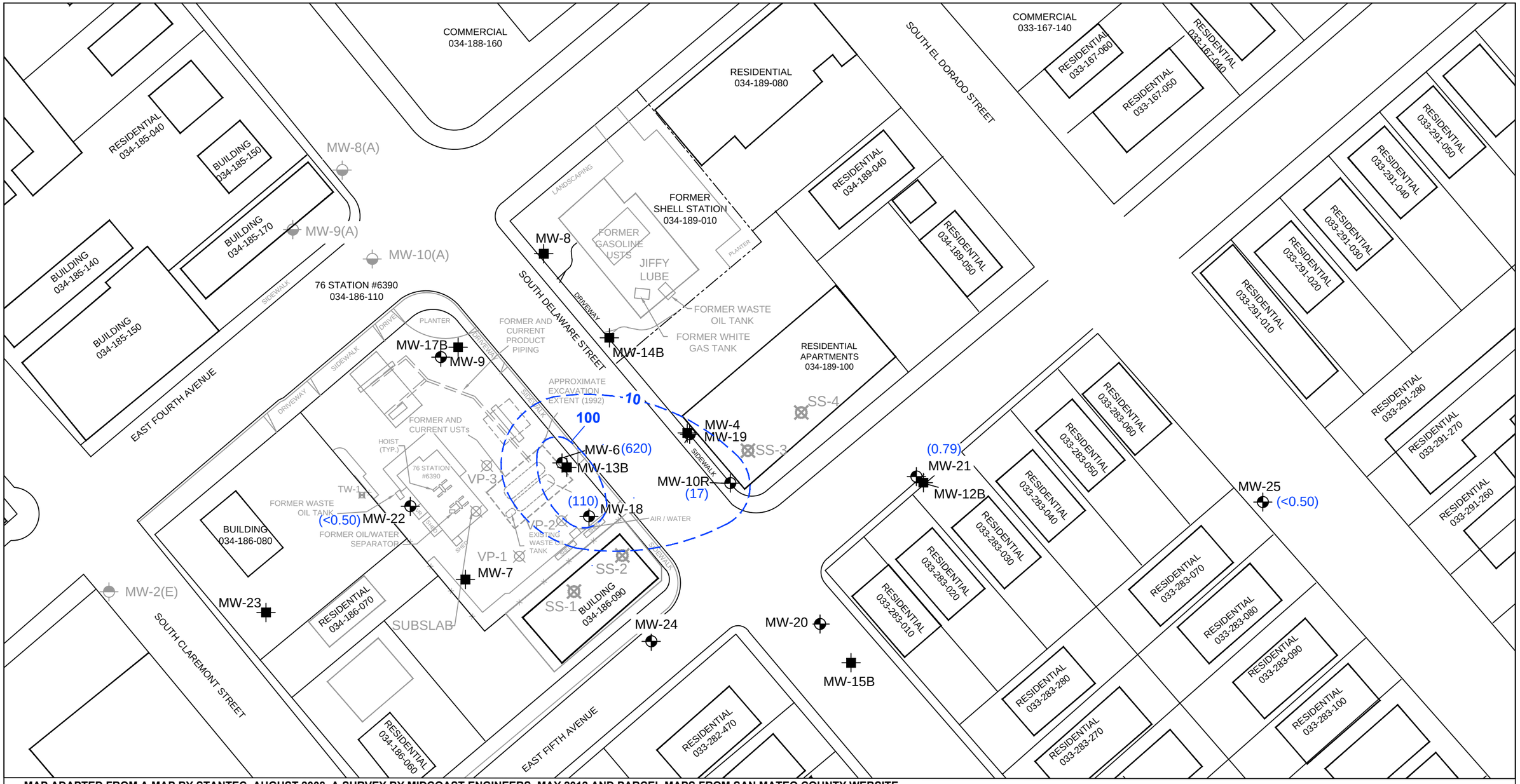
0 60'

SCALE

FIGURE 4
DISSOLVED PHASE GRO ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	–



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10 – – DISSOLVED PHASE BENZENE ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (620) DISSOLVED PHASE BENZENE ISOCONCENTRATION (ug/L)
- <0.50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER

NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT

N

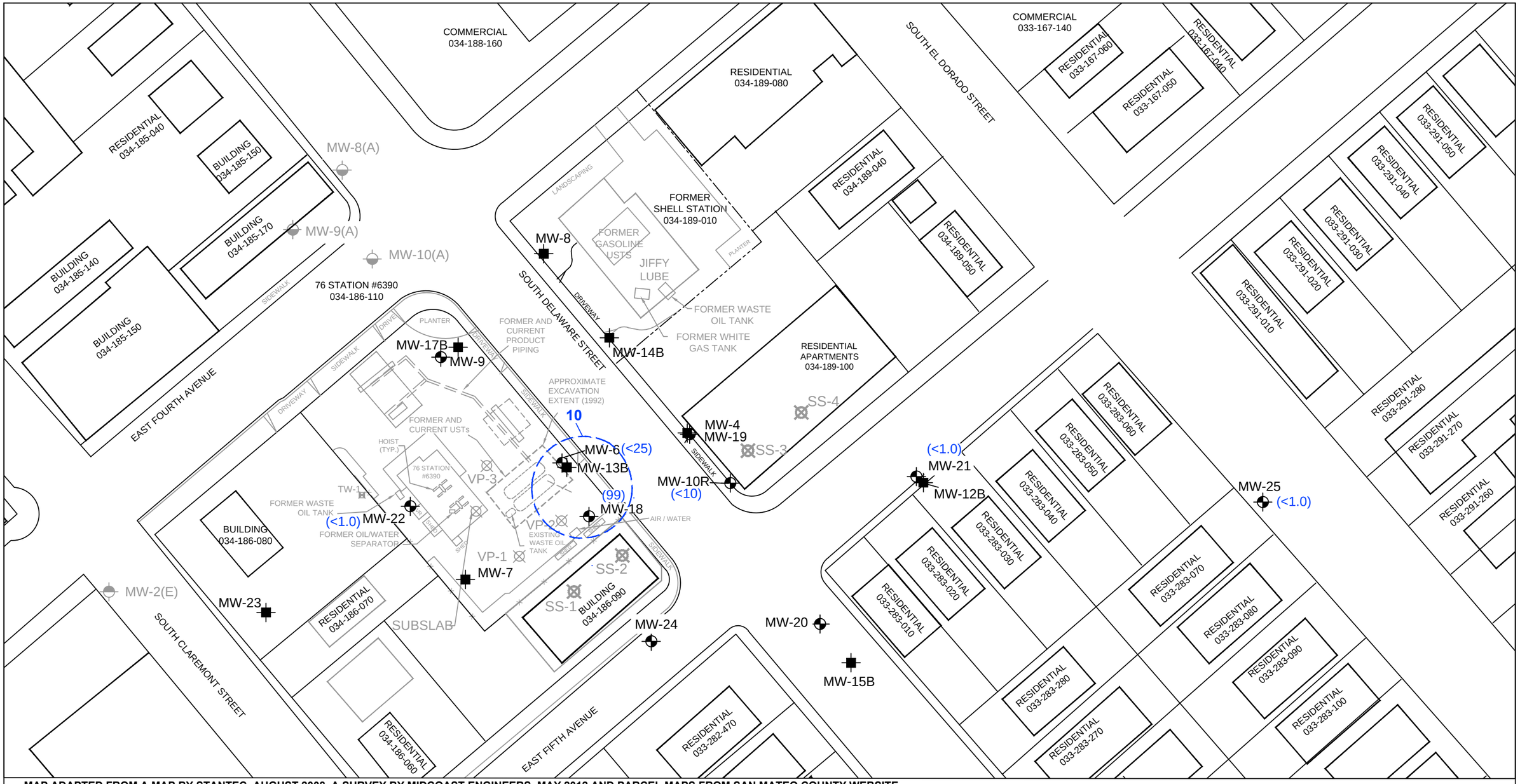
0 60'

SCALE

FIGURE 5
DISSOLVED PHASE BENZENE ISOCONCENTRATION MAP SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	–



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10 – – DISSOLVED PHASE MTBE ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (99) DISSOLVED PHASE MTBE ISOCONCENTRATION (ug/L)
- MTBE METHYL TERTIARY BUTYL ETHER
- NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT
- <0.50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER

N

0 60'

SCALE

FIGURE 6
DISSOLVED PHASE MTBE ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	11/15/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	–

Appendix A

Summary of Previous Environmental Investigations

A-1 REGULATORY INTERACTION CHRONOLOGY

June 1992, An Accident/Incident Investigation Report was prepared detailing the June 3, 1992 failed routine leak test results. An inspection of the underground storage tank (UST) used to store super unleaded gasoline revealed the presence of a 14-inch crack in the sidewall of the UST (UNOCAL, 1992).

On September 10, 1992, KEI submitted an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report (KEI, 1992b).

June 2009, In response to a September 8, 2008 assessment and sensitive receptor report, the San Mateo County Groundwater Protection Program (GPP) issued a letter dated June 25, 2009 requesting a work plan to assess the origin of the Tetrachloroethene (PCE) in water samples from monitoring wells MW-12B and MW-13B and soil samples collected during the 1992 UST replacement activities. The GPP also indicates that the inhalation risk associated with the PCE appears to be warranted.

July 2009, the GPP issued a letter dated July 27, 2009 discussing the State Water Resources Control Board (SWRCB) Resolution 2009-042 requiring the reduction in the frequency of groundwater monitoring.

August 2010, the GPP issued a letter dated August 9, 2010 responding to the submission of an assessment work plan dated December 31, 2009. The GPP asserted that the work plan did not provide a scope of work that adequately assessed the origin of the PCE.

November 2010, the GPP issued a letter dated November 22, 2010 indicating the future correspondences will be directed to Chevron Corporation and ConocoPhillips will receive a courtesy copy.

February 2011, the GPP issued a letter dated February 8, 2011 responding to Antea Group's intention not to include the analysis of PCE during future monitoring events. The GPP confirmed that PCE should be included in the ongoing monitoring program. The letter also provides comments on an October 29, 2010 assessment work plan that stated, "It has not been established the PCE originated from the 76 station". The letter further stated "the 0.0064 mg/kg PCE concentration reported in soil Sample WO-1 at 8 fbg does not demonstrate the former waste oil UST leaked PCE" and that the soil sample was "within the reported interval of groundwater fluctuation; there, it is possible the PCE in this sample originated from the PCE-affected groundwater migrating from an upgradient source".

November 2011, the GPP issued a letter dated November 22, 2011 responding to an assessment report dated August 10, 2011 and an "unsolicited" work plan dated August 9, 2011. In the letter, the GPP confirmed that the "results of the investigation indicate a PCE source exists upgradient of the site. However, we cannot establish

whether the former waste oil UST at the Unocal site contributed to the PCE plume". The letter further indicates, "We cannot establish if the first groundwater in SB-1, SB-3, and SB-4 contains greater PCE concentrations which may eliminate Unocal as a potential PCE source". As it relates to the completion of the vertical assessment, the letter states, "It appears the vertical extent of gasoline-affected soil and fuel impact to deeper groundwater has been adequately assessed"; however "the lateral extent of fuel hydrocarbons in first groundwater has not been assessed east of southeast of MW-6 and SB-7". The letter further indicates, "Remediation may not be necessary if the gasoline release is the only driver for the Unocal site and the fuel impact does not contain NAPL, is limited to under the street, is stable, does not pose a significant risk to hum health and environment, and will degrade to RWQCB water quality objectives within a reasonable time".

January 2013, the GPP issued a letter dated January 29, 2013 responding to an assessment report dated July 6, 2012 and an assessment work plan dated September 7, 2012. The GPP stated, "It appears activities at the subject site have contributed to the neighborhood PCE plume in concentrations exceeding water quality objectives". The GPP also requested that the scope of work in the assessment work plan include sub-slab vapor probes in the building at 521 and 603 East 5th Avenue instead of the proposed subsurface vapor wells.

January 2014, the GPP issued a letter dated January 8, 2014 responding to an assessment report dated July 17, 2013 and an "unsolicited" assessment work plan dated October 12, 2013. The GPP stated, "We consider the source of the PCE problematic and do not concur with conclusion in the report that the PCE solely originated from an upgradient source. Although the PCE in the MW-23 groundwater sample indicates some of the PCE likely originated from an upgradient source and the soil sampling results from MW-22 do not support a PCE release from the waste oil tank, the PCE concentrations nevertheless increase at the subject site (e.g. were <12 ug/l in the May 2011 grab groundwater samples from upgradient Borings SB-3 and SB-4) and the only vadose zone soil sample reported to contain PCE was collected from the waste oil tank excavation. GPP staff will postpone a decision on further PCE corrective action pending our review of the upcoming subsurface vapor sampling report". The assessment work scope of work that included the installation of two off-site monitoring wells down gradient of existing monitoring well MW-21 was not approved.

October 2014, the GPP issued a letter dated October 29, 2014 responding to a subsurface vapor report dated May 29, 2014 and a PCE source evaluation report dated October 8, 2014. The GPP concluded from the PCE source assessment report, "it appears more likely the PCE contamination originated from Wardrobe Cleaners. Therefore, at this time, GPP staff will not require the responsible party for the fuel release at the subject site to perform additional investigation of the PCE release". The GPP concluded from subsurface vapor report that "the GPP staff concur the PCE concentrations reported in sub-slab vapor samples SS-1 and SS-2 indicate a potential PCE inhalation risk to the occupants of the building at 521 East 5th Avenue. Additional corrective action will be necessary to address this issue. However, as previously stated, we will not at this time require the responsible party for the fuel release at the subject site to perform this work". The letter further stated, "The

report recommends removing the sub-slab vapor probes. We cannot approve this request at this time because of the required additional sampling. Please note, even when subsurface vapor sampling for gasoline compounds is no longer necessary, it may be prudent to leave the probes in-place and transfer their ownership to the property owner and eventually the responsible party for assessment of the PCE impact."

October 2014, the GPP issued a letter dated October 30, 2014 to representatives of Wardrobe Cleaners located at 335 4th Avenue, San Mateo. The letter stated that "The company investigating this release (AnteaGroup) has collected sufficient information to indicate the source of the Tetrachloroethene (PCE) they discovered in their soil and groundwater samples may have originated from Wardrobe Cleaners" and concluded that "GPP staff are requesting you to voluntarily sample soil and groundwater in the vicinity of Wardrobe Cleaners to determine if the cleaners released PCE to soil and groundwater".

July 2016, the GPP issued letters dated July 26, 2016 to representatives of the following businesses:

- Family Cleaners located at 412 East 3rd Avenue
- New A-1 Cleaners located at 17 E. 4th Avenue
- Former Quality Cleaners located at 508 East 3rd Avenue

The letters stated, "The Company investigating this release (Antea Group) has collected sufficient information to indicate the source of the Tetrachloroethene (PCE) and breakdown products they discovered in soil and groundwater samples may have originated from a site located upgradient from them".

A-2 ENVIRONMENTAL REMEDIAL ACTION CHRONOLOGY

August 1992, Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon underground storage tanks (USTs) used to store fuel, one 550-gallon steel waste oil UST, and the associated product piping and dispensers. Upon removal, KEI observed a crack in the sidewall of the super unleaded gasoline tank, coincident with the location of a tank backfill monitoring well, and two 3/16-inch diameter holes in the waste oil tank. KEI observed obvious petroleum hydrocarbon contamination in the gasoline UST cavity including free product. The eastern side of the gasoline UST cavity was over-excavated to approximately 22 feet deep over an area approximately 30 feet by 27 feet to remove as much of the impacted soil as possible (approximately 660 cubic yards). In addition, approximately 5,800 gallons of subsurface water (observed at 21-feet bgs) and product were pumped from the gasoline UST cavity (KEI, 1992a). A subsequent report summarizing the stockpile sampling completed in preparation for transport and disposal indicated that 250 cubic yards of soil was transported to Mountain View Landfill and 650 cubic yards of soil was transported to Red Bluff, California for treatment and disposal, or a total of 800 cubic yards (KEI, 1992c). Based on 1.5 tons per cubic yard, an estimated total of soil transported to an off-site facility is 1,200 tons.

January 1996, GeoStrategies (GSI) observed the excavation and removal of a 150-gallon capacity oil/water separator (GSI, 1996). GSI collected a confirmation soil sample (OWS-S-4.5) from underneath the oil/water

separator at a depth of 4.5 feet bgs and submitted it for analysis. The available documentation does not indicate the amount of soil removed during the decommissioning activities. The soil sample was analyzed for total petroleum as gasoline (TPHg) and volatile organic compounds benzene, toluene, ethylbenzene, and xylenes (BTEX) by Environmental Protection Agency (EPA) methods 8015/8020, total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015/3550, oil and grease (O&G) by Standard Method 5520 D/E&F, and chlorinated volatile organic compounds (cVOCs) by EPA Method 8010. The metals cadmium, chromium, nickel, lead, and zinc were analyzed by EPA Method 6010/200.7. The results from the analytical laboratory were as follows:

- TPHg – Not detected in concentrations above laboratory reporting limits.
- BTEX – benzene and Ethylbenzene were not detected in concentrations above laboratory reporting limits; toluene and xylenes were detected at 0.006 milligrams per kilogram (mg/kg) and 0.009 mg/kg, respectively.
- TPHd – 1.5 mg/kg.
- O&G - Not detected in concentrations above laboratory reporting limits.
- CVOCs - Not detected in concentrations above laboratory reporting limits.
- Metals – cadmium was not detected in concentrations above laboratory reporting limits, while chromium, nickel, lead, and zinc were detected at 160 mg/kg, 99 mg/kg, 12 mg/kg, and 69 mg/kg, respectively.

A-3 ENVIRONMENTAL INVESTIGATIONS CHRONOLOGY

For a summary of boring/well completion information, please refer to **Table 1**.

KEI collected nine (9) soil samples (A1, A2, B1, B2, SW1, SW1(2.5), SW2, SW2(2.5), and SW-3) and one (1) subsurface water sample (W1) from the UST excavation. KEI also collected one (1) oil sample (WO1) from the bottom of the waste oil UST excavation, six (6) subsurface soil samples (P1, P2, P3, P4, P5, and P6) from the bottom of the product piping trenches, and three (3) subsurface soil samples from beneath the dispensers (D1, D2, and D3).

May 1994, KEI installed three monitoring wells (MW-1, MW-2, and MW-3) at the site (KEI, 1994).

March 1995, KEI installed two off-site monitoring wells MW-4 and MW-5 in the footprint of the sidewalk of South Delaware Street opposite the site (KEI, 1995).

February 1996, KEI supervised the advancement of three Geoprobe® borings (SP1, SP2, and SP4) to 13 feet bgs downgradient and collected subsurface water samples. The laboratory results from the subsurface water samples collected from locations SP-1 and SP-2 were below laboratory reporting limits; however at location SP4 total petroleum hydrocarbons as gasoline (TPHg), benzene, Ethylbenzene, and xylenes were detected at 450 micrograms per liter (µg/L), 71 µg/L, 6.7 µg/L, and 17 µg/L, respectively (KEI, 1996).

December 2006/January 2007, SECOR International, Inc. (SECOR) supervised the advancement of direct push borings SP-5 through SP-8, and the installation of soil vapor wells VP-1 through VP-3, soil vapor probe SUBSLAB (SECOR, 2007). In addition, SECOR also supervised the abandonment of four (4) existing monitoring wells MW-1 through MW-4 and MW-5 and the installation of four (4) monitoring wells MW-6 through MW-9. A summary of the construction of these monitoring wells is provided in **Table 1**. Thirty-four (34) subsurface soil samples were submitted for laboratory analysis collected from the borings converted into monitoring well the monitoring wells as well as borings SP-5 through SP-8. The laboratory results from the sub-slab vapor sample did not indicate concentrations of constituents of concern above laboratory reporting limits.

July/August 2008, Stantec Consulting Company (Stantec) supervised the installation of shallow monitoring wells MW-10 and MW-11 [screen interval between 5 to 15 feet below ground surface (bgs)], and deep monitoring wells MW-12B, MW-13B, MW-14B, and MW-15B (screen interval between 17 to 31 feet bgs. Stantec collected both soil and subsurface water samples from the new wells (Stantec, 2008). For a summary of well completion information, please refer to **Table 1**.

December 2009, Delta Consultants prepared an investigation work plan dated December 31, 2009 to assess the PCE contamination in groundwater beneath the site vicinity (Delta, 2009).

August 2010, the GPP issued a letter dated August 9, 2010 responding to the submission of the December 31, 2009 assessment work plan. The GPP asserted that the work plan did not provide a scope of work that adequately assessed the origin of the PCE.

October, 2010, Antea Group issued a work plan to the GPP entitled *Potential Tetrachloroethene (PCE) Source Evaluation Revised Work Plan* dated October 29, 2010.

February 2011, the GPP issued a letter dated February 8, 2011 responding to the submission of the October 29, 2010 assessment work plan. The GPP approved the portions of the scope of work outlined in the work plan.

May/June 2011, Antea Group (formerly Delta Consultants) supervised the installation of monitoring well MW-17B, and the advancement of six (6) soil borings SB-1 and SB-3 through SB-7 (Antea Group, 2011). For a summary of well completion information, please refer to **Table 1**.

April/May 2012, Antea Group supervised the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Antea Group also supervised the destruction and replacement of Monitoring Well MW-10 with Monitoring Well MW-10R (Antea Group, 2012).

March 2013, Antea Group supervised the installation of monitoring wells MW-20 and MW-21 for additional definition of the shallow groundwater plume. Antea Group also supervised the advancement of soil boring SB-11 and the destruction of monitoring well MW-11 (Antea Group, 2013).

June/July 2013, Antea Group supervised installation of monitoring wells MW-22 through MW-24 to assess potential contribution of PCE from the former waste oil UST (MW-22), to assess PCE concentrations upgradient of the site (MW-23), and to better define the extent of the dissolved phase plume (MW-24, installed adjacent to boring SB-11). Antea Group also supervised the advancement of soil boring SB-10 to assess onsite shallow soil conditions near the former fuel USTs (Antea Group, 2013).

August 2013 and January/February 2014, Antea Group installed and sampled off-site sub-slab soil vapor point locations SS-1 through SS-4 using Vapor Pin™ to assess soil vapor conditions beneath the residential and commercial properties adjacent to and down-gradient of the site (Antea Group, 2014). Antea Group collected vapor samples in August 2013 (warm season samples) and January/February 2014 (cold season samples).

October 2014, Antea Group issued a document entitled PCE Source Evaluation Report dated October 8, 2014. This report summarized the results from the various past assessment activities with the goal of ascertaining if the former on-site waste UST removed in 1992 was a potential source of the PCE detected in subsurface water samples collected on- and off-site. The report concluded that the source of the PCE was from an off-site source (Antea Group, 2014). Based on the October 29, 2014 GPP letter, the source of the PCE likely originated from the Wardrobe Cleaners who received formal notification in a GPP October 30, 2014 letter requesting action. This letter was follow-up by three additional GPP letters dated July 26, 2016 to Family Cleaners located at 412 East 3rd Avenue, New A-1 Cleaners located at 17 E. 4th Avenue, and Former Quality Cleaners located at 508 East 3rd Avenue.

January 2015, Antea Group supervised the installation of Monitoring Well MW-25 and collected additional vapor sampling from sub-slab points SS-2 and SS-3 Antea Group, 2015).

A-4 PAST SENSITIVE RECEPTOR EVALAUTIONS

In June 1996, Pacific Environmental Group, Inc. (PEG) reported the results of a water supply well survey. PEG reviewed California Department of Water Resources (DWR) records to identify active and inactive water supply wells within a ¼-mile radius of the site. Based on the information included in the PEG report, there was one irrigation (location "D") identified over 2,000 south of the site (PEG, 1996).

September 2008, Stantec completed a sensitive receptor survey (SRS) within a ½-mile radius of the site as part of the investigation. Stantec reviewed DWR files, contacted the City of San Mateo and the local water purveyor California Water Service Company (Cal Water), completed a parcel survey within a 500-foot radius of the site, and

performed a field canvas. Stantec identified three irrigation wells within ½-mile of the site. Stantec also identified one surface water body (San Mateo Creek) approximately 1,488 feet north of the site (Stantec, 2008).

A-5 REFERENCES

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Kaprealian Engineering, Inc. (KEI, 1996), 1996, Continuing Subsurface Investigation, Unocal Service Station No. 6390, 402 South Delaware Street, San Mateo, California, March 13.

Pacific Environmental Group, Inc. (PEG, 1996), 1996, Well Survey Results, Unocal Service Station No. 6390, 402 South Delaware Street, San Mateo, California, June 26.

SECOR International, Inc. (SECOR, 2007), 2007, Offsite Assessment Report, Unocal Service Station No. 6390, 402 South Delaware Street, San Mateo, California, February 28.

Stantec Consulting Company (Stantec, 2008), 2008, Additional Assessment and Sensitive Receptor Survey Report, Unocal Service Station No. 6390, 402 South Delaware Street, San Mateo, California, September 10.

UNOCAL, 1992, Accident/Incident Report, 402 South Delaware Street, San Mateo, June 3.

Appendix B

Blaine Tech Services' Standard Operating Procedures

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for DELTA comply with safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any DELTA COP/ELT site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing free product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.
Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less

than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading or Non-Hazardous manifest to a Blaine Tech Services, Inc. facility before being transported to an approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Upon request, a Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Upon request, one Duplicate sample is collected at each site. It is up to the Field Technician to choose the well at which the Duplicate is collected. Typically, a duplicate is collected from one of the most contaminated wells. The Duplicate sample is labeled DUP thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps

and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 550 meter). These meters are equipped with membrane probe that enables them to collect accurate in-situ readings.

The probe and reel is decontaminated between wells as described above. The meter is calibrated as per the instructions in the operating manual. The probe is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

Blaine Tech Services, Inc.
Standard Operating Procedure

LOW-FLOW SAMPLING

Rediflo2

1. Calibrate YSI Flow Cell as per manufacturer's specifications. Thoroughly rinse probe and cup between parameters. Calibration order as follows:

    A. pH (use 3-point calibration of 7, 4, 10)
    B. Oxygen Reduction Potential (ORP)
    C. Specific Conductance
    D. Dissolved Oxygen (DO) (calibrate simulating 100% oxygen saturation)

2. Thoroughly decontaminate pump and reel.
3. Remove dedicated PE tubing from the well or start with new PE tubing cut to the required length.
4. Attach the PE tubing to the Rediflo2 Pump.
5. Gently lower the Rediflo2 pump and PE tubing into the well, placing the Rediflo2 Pump intake at the center of the wetted screened interval. Take care to minimize disturbance to the water column.
6. Direct effluent line into YSI 556 Flow Cell.
7. Set Rediflo2 Pump speed at 100 - 500 ml/min.
8. Collect water quality parameter measurements for temperature, pH, conductivity, turbidity, DO and ORP every 3-5 minutes.
9. Monitor drawdown during purging with electronic water level meter. Record water level with each parameter measurement. MAXIMUM DRAWDOWN IS 0.33 FEET.
10. Collect parameter measurements until stability is achieved. Stability is defined as three consecutive measurements where:

Temp	± 1° Celsius
pH	± 0.1
Conductivity	± 3%
Turbidity	± 10% NTU
DO	± 0.3 mg/l
ORP	± 10 Mv

11. Disconnect effluent line from YSI 556 Flow Cell.
12. Sample through effluent line while maintaining constant flow rate.
13. Remove Rediflo2 Pump and PE tubing from well.
14. Detach and reinstall dedicated PE tubing in well.

Blaine Tech Services, Inc.
Standard Operating Procedure

Purge Water Handling Procedure

Purpose

Control of non-hazardous purge water disposal. This procedure outlines the handling and disposing of non-hazardous purge water for the DELTA/COP portfolio.

Procedure

1) All purge and rinsate water will be contained in onboard truck tanks or trailers. Water may be commingled with other sites in the same portfolio of DELTA/COP sites.

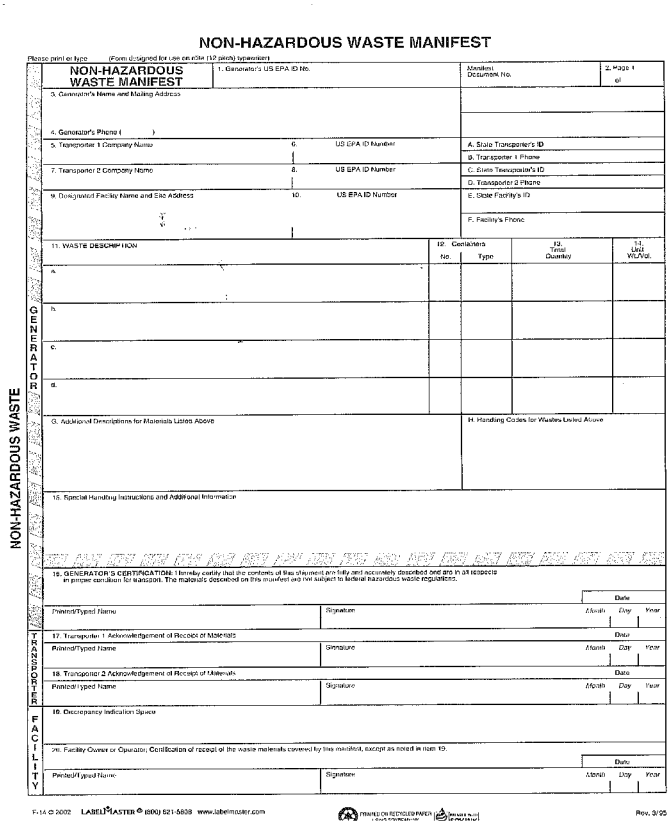
2) A Non-Hazardous Waste manifest will be generated prior to leaving site.

3) All water will be offloaded into a commingled DELTA/COP tank at BLAINE facility.

4) Water will then be offloaded from the DELTA/COP tank and the BLAINE facility and transported to a disposal facility.

   For Southern California sites water will be disposed at Crosby and Overton in Wilmington, CA.
   For Northern California water will be disposed at Seaport Environmental in Redwood City, CA.

Example Manifest:



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No.
2. Page 1 of

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name
6. US EPA ID Number
A. State Transporter's ID
B. Transporter 1 Phone

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
10. US EPA ID Number
E. State Facility's ID
F. Facility's Phone

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Month Day Year | Date

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year | Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year | Date

NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

F-1A © 2002 LABELMASTER © (800) 621-5808 www.labelmaster.com Rev. 9/05

Appendix C

Blaine Tech Services' Groundwater Sampling Field Data Sheets

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 256390 Site Address: 402 Delaware St. San Mateo CA

Field Technician: Mark McCullough, Jeff Stromberg BTS (Print Full Name & Company*) Date: 8-4-17 Weather: Overcast light Rain

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments (Tech Init.)
9	MW-4	G	G	G	G	G	N	2	0840	16.38	26.76			MM
18	MW-6	G	G	G	G	G	N	2	0853	16.37	18.84			JS
11	MW-7	G	G	G	G	G	N	2	0830	18.83	24.29			JS
8	MW-8	G	G	G	G	G	N	2	0832	15.60	29.82			MM
7	MW-9	G	G	G	G	G	N	2	0821	DRY	14.89			JS
17	MW-10R	G	G	G	G	G	N	2	0920	16.74	20.50			MM
12	MW-12B	G	G	G	G	G	N	2	0854	16.61	28.88			MM
15	MW-13B	G	G	G	G	G	N	2	0846	16.45	30.99			JS
6	MW-14B	G	G	G	G	G	N	2	0824	15.75	27.90			MM
5	MW-15B	G	G	G	G	G	N	2	0818	16.88	26.50			MM
4	MW-17B	G	G	G	G	G	N	2	0817	15.80	27.13			JS
19	MW-18	G	G	G	G	G	N	2	0916	16.96	21.18			JS
14	MW-19	G	G	G	G	G	N	2	0900	16.53	20.55			MM
10	MW-20	G	G	G	G	G	N	2	0846	16.76	20.43			MM
16	MW-21	G	G	G	G	G	N	2	0907	16.32	20.82			MM

Notes: Opened all caps at least 15 Min prior to gauging

** All well caps opened at least 15 minutes or longer before gauging wells:
CIRCLE ONE: (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Well-Head Inspection & Well Gauging Form

Antea Group Project No: 256390 Site Address: 402 Delaware St. San Mateo CA

Field Technician: Mark McCulloch, Jeff Stromberg BTS Date: 8-4-17
(Print Full Name & Company*)

Weather: Overcast light Rain

Sample Order	Field Point	Well Condition: Bolts	Seal	Lid Secure	Lock	Expanding Cap	Water in Well Box	Well Casing Dia.	Time Gauged	Depth to Water (Feet)	Depth to Bottom (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Comments
3	MW-22	G	G	G	G	G	N	2	0810	17.78	19.60			JS
13	MW-23	G	G	G	G	G	N	2	0838	19.05	30.63			JS
2	MW-24	G	G	G	G	G	N	2	0813	17.02	20.78			MM
1	MW-25	G	G	G	G	G	N	2	0807	16.85	19.88			MM TOC HAS ANGLED CUT EX CAP NOT FIT FLUSH

Notes: Opened all caps at least 15 min prior to gauging

** All well caps opened at least 15 minutes or longer before gauging wells:
CIRCLE ONE: (YES) or NO**

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*Form provided by Antea Group

Note: Use G=good and P=poor for well condition

Groundwater Sampling Form

Site Address:	462 Delaware St San Mateo CA		
Project No:	256390	Field Technician:	M. McCulloch, J. Stromberg
Field Point:	MW-6	Date:	8-4-17
Depth to Water (DTW) (ft bgs):	16.37	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	18.64	Water Column Height (ft):	2.27

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other: New Tubing

Water Column Height (ft): 2.27 X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius² * 0.163

Purge: 100 **Start Time:** 1303 **Stop Time:** 1318

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge								
1306	22.5	7.39	1140	—	848	2.77	300	16.47
1309	22.5	7.28	1130	—	410	1.98	600	16.49
1312	22.8	7.28	1129	—	252	1.77	900	16.52
1315	22.9	7.24	1125	—	169	1.68	1200	16.53
1318	23.1	7.21	1127	—	106	1.60	1500	16.56
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): 1500 mL

Other Comments: Pump Depth: 17
PRE PURGE DO: 0.85 mV
Purged through flow cell
Odor During Purge

Sample Info:

Sample ID: MW-6_20170831 Sample Date and Time: 8/4/17 @ 1319

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Jeff Stromberg, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 8/4/17

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St. San Mateo CA		
Project No:	256390	Field Technician:	M. McCulloch
Field Point:	MW-10R	Date:	8-4-17
Depth to Water (DTW) (ft bgs):	16.74	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.50	Water Column Height (ft):	3.76

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other: New Tubing

Water Column Height (ft): 3.76 X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1147 **Stop Time:** _____

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge						0.46		
1150	21.5	6.99	1164	—	71	2.51	600	16.79
1153	21.1	6.88	1134	—	63	2.83	1200	16.83
1156	21.8	6.85	1122	—	40	2.43	1800	16.87
1159	22.0	6.83	1125	—	36	2.33	2400	16.90
1202	22.1	6.82	1121	—	33	2.30	3000	16.92
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal) mL: 3000

Other Comments: Pump Depth: 17.5' Purged through flowcell
PRE PURGE DO: 0.46 Odor during Purge

Sample Info:

Sample ID: MW-10R_20170831 Sample Date and Time: 8-4-17 @ 1203

Selected Analysis: See COC

This form was provided by Antea Group and completed by: (Print Full Name) Mark McCulloch, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 8-4-17

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St. San Mateo CA		
Project No:	256390	Field Technician:	M. McCulloch, J. Strombery
Field Point:	MW-18	Date:	8/4/17
Depth to Water (DTW) (ft bgs):	16.96	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	21.18	Water Column Height (ft):	4.22

Purging Info and Calculations:

Purge Method: (Low-Flow) / 3 casing volumes / Other:_____

Purge Equipment: Disposable Bailer / (Electric Submersible) / Peristaltic Pump / Bladder Pump / Other:_____

Sample Collection Method: Disposable Bailer / Extraction Port / Dedicated Tubing / Disposable Tubing / Other: New Tubing

Water Column Height (ft): 4.22 X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1342 **Stop Time:** 1403

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						0.38		
1345	21.1	7.01	850	—	224	0.68	600	17.01
1348	21.4	6.90	844	—	264	0.45	1200	17.03
1351	22.0	6.89	855	—	206	0.44	1800	17.04
1354	22.9	6.86	876	—	174	0.43	2400	17.06
1357	23.1	6.84	895	—	139	0.43	3000	17.09
1400	23.4	6.81	904	—	105	0.38	3600	17.11
1403	23.7	6.80	910	—	87	0.36	4200	17.14
~~1406~~								
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): 4200

Other Comments: Pump Depth: 18 Purged through flow cell

PRE PURGE DO: 0.38 Odor during Purge

Sample Info:

Sample ID:	MW-18	Sample Date and Time:	8-4-17 @ 1404
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) Jeff Strombery, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 8/4/17

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St. San Mateo CA		
Project No:	256390	Field Technician:	M. McCulloch
Field Point:	MW-21	Date:	8-4-17
Depth to Water (DTW) (ft bgs):	16.32	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	20.82	Water Column Height (ft):	

Purging Info and Calculations:

Purge Method:
(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:
Disposable Bailer
Electric Submersible
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:
Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other: New Tubing

Water Column Height (ft):_____ X Conversion Factor (gal/ft):_____ = Casing Volume (gal):_____

Casing Volume (gal):_____ X Specified Volumes:_____ = Calculated Purge (gal): _____

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1109 **Stop Time:** 1128

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (mL)	Water Level (for Low-Flow only)
Pre-Purge						0.43		
1112	21.1	7.53	818	—	429	2.45	600	16.46
1115	20.6	7.25	787	—	>1000	2.65	1200	16.44
1118	21.7	6.92	811	—	796	2.52	1800	16.46
1121	22.4	6.79	838	—	353	2.41	2400	16.48
1124	22.8	6.73	848	—	254	2.37	3000	16.50
1127	22.9	6.71	855	—	231	2.29	3600	16.51
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal/mL) 3600 mL

Other Comments: Pump Depth: 18' Purged through flow cell
PRE PURGE DO: 0.43 mg/L

Sample Info:

Sample ID:	MW-21_20170831	Sample Date and Time:	8-4-17 @1128
Selected Analysis:	See COC		

This form was provided by Antea Group and completed by: (Print Full Name) M. McCulloch, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 8-4-17

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LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St. San Mateo, CA		
Project No:	256390	Field Technician:	M. McCulloch
Field Point:	MW-22	Date:	8-4-17
Depth to Water (DTW) (ft bgs):	17.78	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	19.60	Water Column Height (ft):	1.82

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other: New Tubing

Water Column Height (ft): 1.82 X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: **Start Time:** 1033 **Stop Time:** 1048

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						5.45		
1036	21.2	6.65	1604	—	169	5.23	300	17.84
1039	21.2	6.85	1589	—	140	5.40	600	17.87
1042	21.3	6.91	1566	—	127	5.47	900	17.90
1045	21.1	6.90	1547	—	119	5.50	1200	17.93
1048	21.0	6.87	1539	—	112	5.52	1500	17.96
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal): MC: 1500

Other Comments: Pump Depth: 19' Purged through flowcell
PRE PURGE DO: 5.45 mg/L Rocks in well

Sample Info:

Sample ID:	MW-22_20170831	Sample Date and Time:	8-4-17 @ 1049
Selected Analysis:	see coc		

This form was provided by Antea Group and completed by: (Print Full Name) Mark McCulloch, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 8-4-17

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen
gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

Groundwater Sampling Form

Site Address:	402 Delaware St. San Mateo, CA		
Project No:	256390	Field Technician:	M. McCulloch
Field Point:	MW-25	Date:	8-4-17
Depth to Water (DTW) (ft bgs):	16.85	Well Diameter (in):	(2) 4 6 8 ___
Depth to LNAPL (ft bgs):		Thickness of LNAPL (ft):	
Total Depth of Well (ft bgs):	19.88	Water Column Height (ft):	3.03

Purging Info and Calculations:

Purge Method:

(Low-Flow)
3 casing volumes
Other:_____

Purge Equipment:

Disposable Bailer
(Electric Submersible)
Peristaltic Pump
Bladder Pump
Other:_____

Sample Collection Method:

Disposable Bailer
Extraction Port
Dedicated Tubing
Disposable Tubing
Other: NEW Tubing

Water Column Height (ft): 3.03 X Conversion Factor (gal/ft): — = Casing Volume (gal): —

Casing Volume (gal): — X Specified Volumes: — = Calculated Purge (gal): —

Conversion Factors (gal/ft): 2" = 0.17 4" = 0.66 6" = 1.5 8" = 2.6 Other = radius^2 * 0.163

Purge: Start Time: 0946 Stop Time: 1004

Time	Temp (°C)	pH	Conductivity (µS/cm)	ORP (mV)	Turbidity (NTU)	D.O. (mg/L)	Volume Purged (gal)	Water Level (for Low-Flow only)
Pre-Purge						1.90		
0949	20.9	7.14	870	—	532	5.66	600	16.88
0952	20.8	6.90	832	—	364	5.97	1200	16.90
0955	21.5	6.74	831	—	192	5.67	1800	16.90
0958	22.4	6.59	815	—	53	5.40	2400	16.90
1001	22.7	6.53	803	—	42	5.34	3000	16.90
1004	22.8	6.51	810	—	35	5.21	3600	16.90
Post-Purge								

Did Well dewater? Yes (No) Total Purge volume (gal/mL): 3600

Other Comments: Pump Depth: 19.5 Purged through flow cell

PRE Purge DO: 1.90 mg/L

Sample Info:

Sample ID:	MW-25_20170831	Sample Date and Time:	8-4-17 @ 1005
Selected Analysis:	see COC		

This form was provided by Antea Group and completed by: (Print Full Name) Mark McCulloch, an employee of Blaine Tech Services, Inc.

Signature: _____ Date: 8-4-17

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Antea™Group, 1-800-477-7411

LNAPL= light non-aqueous phase liquids
bgs = below ground surface
ORP = Oxidation-Reduction Potential
D.O.= dissolved oxygen

gal = gallon/s
temp = temperature
NTU = Nephelometric Turbidity Units
mV = millivolts

20170831.256390.WG_Q_201708.BO

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COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

3Q17 GW Sampling Event

Required Lab Information:

Lab Name:	Calscience
Address:	7440 Lincoln Way
Garden Grove, CA 92841	
Lab PM:	Terri Chang
Phone/Fax:	714-895-5494
Lab PM email	terrichang@eurofinsus.com
Applicable Lab Quote #:	

Required Project Information:

Site ID #:	256390
Task:	WG_Q_20170831
AnteaGrp proj#	I40256390
Site Address	402 DELAWARE STREET
City	SAN MATEO
State	CA 94402
AG PM Name:	Bill Patzelt
Phone/Fax:	916-389-6481
AG PM Email:	Bill.Patzelt@anteagroup.com

Required Invoice Information:

Send Invoice to:	Sandy Hayes
Address:	11010 White Rock Road, Suite 140
City/State	Rancho Cordova CA 95670
Phone #:	916-638-2085
Reimbursement project?	
Non-reimbursement project?	Y
Mark one	
Send EDD to	agdataview.us@anteagroup.com
CC Hardcopy report to	Mana.Or@anteagroup.com
CC Hardcopy report to	Colin.Campbell@anteagroup.com Jamie.Sweet@anteagroup.com

Turn around time (days)	5
QC level Required: Standard	Special — Mark one
NJ Reduced Deliverable Package?	
MA MCP Cert?	CT RCP Cert? — Mark One
Lab Project ID (lab use)	

Valid Matrix Codes

MATRIX		MATRIX		
DRINKING WATER	DW	WATER	WP	W
GROUND WATER	GW	SURFACE WATER	WS	WQ
WASTE WATER	WW	WATER QC	WW	XL
FREE PRODUCT	FP	SLUDGE	LF	WH
SOIL	SO	RINSEATE	SO	OT
OIL	OL	OTHER	OL	TA
WIPE	WI	ANIMAL TISSUE	DW	
AMBIENT AIR	SVE		AA	
AIR			AI	
SOIL GAS			GS	

ITEM #	SAMPLE ID (Character per box. Z, 0-9 / ,-) One (A-Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260BtexMTBE7Oxy	8260Naphthalene	Comments/Lab Sample I.D.
1	MW-22_20170831	WG		8-4-17	1049	3	N				X					X	X	X	
2	MW-25_20170831	WG			1005	3	N				X					X	X	X	
3	MW-21_20170831	WG			1128	3	N				X					X	X	X	
4	MW-10R_20170831	WG			1203	3	N				X					X	X	X	
5	MW-18_20170831	WG			1404	3	N				X					X	X	X	
6	MW-6_20170831	WG			1319	3	N				X					X	X	X	
7																			
8																			
9																			
10																			
11																			
12																			

7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol

Additional Comments/Special Instructions:

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	8-4-17	1545	Sample Custodian	8-4-17	1545

Sample Receipt Conditions

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Samples on Ice?	Sample intact?	Trip Blank?

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark McCulloch

SIGNATURE of SAMPLER:

DATE Signed

Time:

Final 11/13/06. AMTait

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 402 Delaware St. San Mateo, CA				PROJECT NUMBER 170804-MM1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI PRO PLUS	10E102050	8-4-17	pH 7.0 10.0 4.0	pH 7.04 10.01 4.02	yes		mm
↓	↓	↓	Cond. 3900 µS	Cond. 3897 µS	yes		mm
↓	↓	↓	ORP 231.0mv DO 100%	ORP 230.4mv DO 99.2%	yes	25°C	mm
YSI 550	06E1424AI	↓	DO 100%	DO 98.9%	yes		mm

ANTEA COP/ELT BILL OF LADING

SOURCE RECORD **BILL OF LADING**
FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT ANTEA COP/ELT FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY BLAINE TECH SERVICES TO THEIR FACILITY IN SAN JOSE AND SACRAMENTO, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 20360 1680 Rogers Ave, San Jose (phone [310] 885-4455x103). Blaine Tech Services, Inc. is authorized by ANTEA COP/ELT to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the ANTEA COP/ELT facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one ANTEA COP/ELT facility to BTS; from one ANTEA COP/ELT facility to BTS via another ANTEA COP/ELT facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of ANTEA COP/ELT..

This **Source Record BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the ANTEA COP/ELT facility described below:

Site Number: 256390

402 Delaware St. San Mateo CA
street number / street name / city / state

WELL I.D.	GALS. mL	WELL I.D.	GALS.
MW-6	1500		
MW-10R	3000		
MW-18	4200		
MW-21	3600		
MW-22	1500		
MW-23	3600		

added equip. rinse water 1 6 GAL

any other adjustments /

TOTAL GALS. RECOVERED 10.6

loaded onto BTS vehicle # 94

BTS event # 170804-MM1 time 1430 date 8/4/17

signature

****

REC'D AT BTS SAN JOSE time 1540 date 8/4/17

unloaded by signature

Appendix D

Certified Laboratory Analytical Report

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WORK ORDER NUMBER: 17-08-0608

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Antea Group

Client Project Name: 256390

Attention: Bill Patzelt
1155 N. First St.
Suite 201
San Jose, CA 95112-4927

Approved for release on 08/15/2017 by:
Terri Chang
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Contents

Client Project Name: 256390
Work Order Number: 17-08-0608

1 Work Order Narrative. 3

2 Sample Summary. 4

3 Client Sample Data. 5
3.1 GC/MS GRO/EPA 8260B Volatile Organics (Aqueous). 5

4 Quality Control Sample Data. 13
4.1 MS/MSD. 13
4.2 LCS/LCSD. 14

5 Sample Analysis Summary. 16

6 Glossary of Terms and Qualifiers. 17

7 Chain-of-Custody/Sample Receipt Form. 18

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Work Order Narrative

Work Order: 17-08-0608 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/08/17. They were assigned to Work Order 17-08-0608.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	Antea Group	Work Order:	17-08-0608
	1155 N. First St., Suite 201	Project Name:	256390
	San Jose, CA 95112-4927	PO Number:	
		Date/Time Received:	08/08/17 11:50
		Number of Containers:	18
Attn:	Bill Patzelt		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
MW-22_20170831	17-08-0608-1	08/04/17 10:49	3	Aqueous
MW-25_20170831	17-08-0608-2	08/04/17 10:05	3	Aqueous
MW-21_20170831	17-08-0608-3	08/04/17 11:28	3	Aqueous
MW-10R_20170831	17-08-0608-4	08/04/17 12:03	3	Aqueous
MW-18_20170831	17-08-0608-5	08/04/17 14:04	3	Aqueous
MW-6_20170831	17-08-0608-6	08/04/17 13:19	3	Aqueous

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-22_20170831	**17-08-0608-1-A**	**08/04/17 10:49**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/10/17 00:22**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
Naphthalene	ND	10	1.00	
Toluene	ND	1.0	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Xylenes (total)	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.00	
Ethanol	ND	100	1.00	
Gasoline Range Organics (C6-C12)	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	112	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	100	80-120	
Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-25_20170831	**17-08-0608-2-A**	**08/04/17 10:05**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/10/17 00:53**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
Naphthalene	ND	10	1.00	
Toluene	ND	1.0	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Xylenes (total)	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.00	
Ethanol	ND	100	1.00	
Gasoline Range Organics (C6-C12)	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	101	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	99	80-120	
Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	97	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-21_20170831	**17-08-0608-3-A**	**08/04/17 11:28**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/10/17 01:24**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	0.79	0.50	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
Ethylbenzene	15	1.0	1.00	
Naphthalene	39	10	1.00	
Toluene	ND	1.0	1.00	
p/m-Xylene	4.9	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Xylenes (total)	4.9	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.00	
Ethanol	ND	100	1.00	
Gasoline Range Organics (C6-C12)	1700	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	109	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	100	80-120	
Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-10R_20170831	**17-08-0608-4-A**	**08/04/17 12:03**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/10/17 02:26**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	17	5.0	10.0	
1,2-Dibromoethane	ND	10	10.0	
1,2-Dichloroethane	ND	5.0	10.0	
Ethylbenzene	1100	10	10.0	
Naphthalene	420	100	10.0	
Toluene	ND	10	10.0	
p/m-Xylene	2000	10	10.0	
o-Xylene	240	10	10.0	
Xylenes (total)	2300	10	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	10	10.0	
Tert-Butyl Alcohol (TBA)	ND	100	10.0	
Diisopropyl Ether (DIPE)	ND	20	10.0	
Ethyl-t-Butyl Ether (ETBE)	ND	20	10.0	
Tert-Amyl-Methyl Ether (TAME)	ND	20	10.0	
Ethanol	ND	1000	10.0	
Gasoline Range Organics (C6-C12)	17000	500	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	100	80-120	
Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-18_20170831	**17-08-0608-5-A**	**08/04/17 14:04**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/10/17 01:55**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	110	1.0	2.00	
1,2-Dibromoethane	ND	2.0	2.00	
1,2-Dichloroethane	ND	1.0	2.00	
Ethylbenzene	330	2.0	2.00	
Naphthalene	120	20	2.00	
Xylenes (total)	2100	10	1.00	
Methyl-t-Butyl Ether (MTBE)	99	2.0	2.00	
Tert-Butyl Alcohol (TBA)	300	20	2.00	
Diisopropyl Ether (DIPE)	ND	4.0	2.00	
Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2.00	
Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2.00	
Ethanol	ND	200	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	100	80-120	
Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	95	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-18_20170831	**17-08-0608-5-B**	**08/04/17 14:04**	**Aqueous**	**GC/MS RR**	**08/11/17**	**08/11/17 19:26**	**170811L018**

Parameter	Result	RL	DF	Qualifiers
Toluene	600	10	10.0	
p/m-Xylene	1400	10	10.0	
o-Xylene	650	10	10.0	
Gasoline Range Organics (C6-C12)	12000	500	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	92	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	99	80-120	
Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-6_20170831	**17-08-0608-6-A**	**08/04/17 13:19**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/10/17 02:58**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	620	12	25.0	
1,2-Dibromoethane	ND	25	25.0	
1,2-Dichloroethane	ND	12	25.0	
Ethylbenzene	2200	25	25.0	
Naphthalene	730	250	25.0	
Toluene	970	25	25.0	
p/m-Xylene	5700	25	25.0	
o-Xylene	1500	25	25.0	
Xylenes (total)	7200	25	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	25	25.0	
Tert-Butyl Alcohol (TBA)	ND	250	25.0	
Diisopropyl Ether (DIPE)	ND	50	25.0	
Ethyl-t-Butyl Ether (ETBE)	ND	50	25.0	
Tert-Amyl-Methyl Ether (TAME)	ND	50	25.0	
Ethanol	ND	2500	25.0	
Gasoline Range Organics (C6-C12)	42000	1200	25.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	98	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	99	80-120	
Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-7890**	**N/A**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/09/17 19:09**	**170809L047**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
Ethylbenzene	ND	1.0	1.00	
Naphthalene	ND	10	1.00	
Toluene	ND	1.0	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Xylenes (total)	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1.00	
Ethanol	ND	100	1.00	
Gasoline Range Organics (C6-C12)	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	104	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	100	80-120	
Toluene-d8-TPPH	104	88-112	
1,4-Bromofluorobenzene	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Antea Group		Date Received:	08/08/17
1155 N. First St., Suite 201		Work Order:	17-08-0608
San Jose, CA 95112-4927		Preparation:	EPA 5030C
		Method:	GC/MS / EPA 8260B
		Units:	ug/L
Project: 256390			Page 8 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-7891**	**N/A**	**Aqueous**	**GC/MS RR**	**08/11/17**	**08/11/17 18:37**	**170811L018**

Parameter	Result	RL	DF	Qualifiers
Toluene	ND	1.0	1.00	
p/m-Xylene	ND	1.0	1.00	
o-Xylene	ND	1.0	1.00	
Gasoline Range Organics (C6-C12)	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	94	78-126	
1,2-Dichloroethane-d4	100	75-135	
Toluene-d8	100	80-120	
Toluene-d8-TPPH	105	88-112	
1,4-Bromofluorobenzene	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Antea Group		Date Received:	08/08/17
1155 N. First St., Suite 201		Work Order:	17-08-0608
San Jose, CA 95112-4927		Preparation:	EPA 5030C
		Method:	GC/MS / EPA 8260B
Project: 256390			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-08-0691-3	**Sample**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/09/17 19:42**	**170809S014**
17-08-0691-3	**Matrix Spike**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/09/17 20:13**	**170809S014**
17-08-0691-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/09/17 20:44**	**170809S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	56.18	112	55.71	111	75-125	1	0-20	
1,2-Dibromoethane	ND	50.00	54.12	108	54.11	108	75-129	0	0-20	
1,2-Dichloroethane	ND	50.00	55.16	110	55.52	111	75-125	1	0-20	
Ethylbenzene	ND	50.00	54.74	109	55.19	110	75-129	1	0-20	
Naphthalene	ND	50.00	52.04	104	52.17	104	59-143	0	0-20	
Toluene	ND	50.00	53.90	108	54.14	108	75-125	0	0-20	
p/m-Xylene	ND	100.0	113.6	114	114.4	114	75-133	1	0-20	
o-Xylene	ND	50.00	57.80	116	58.04	116	75-134	0	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	52.50	105	52.39	105	64-136	0	0-20	
Tert-Butyl Alcohol (TBA)	ND	250.0	276.1	110	272.3	109	75-136	1	0-20	
Diisopropyl Ether (DIPE)	ND	50.00	54.16	108	54.08	108	73-139	0	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	52.15	104	52.48	105	69-135	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	52.28	105	52.52	105	69-135	0	0-20	
Ethanol	ND	500.0	534.2	107	519.2	104	29-179	3	0-25	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Antea Group
1155 N. First St., Suite 201
San Jose, CA 95112-4927

Project: 256390

Date Received: 08/08/17
Work Order: 17-08-0608
Preparation: EPA 5030C
Method: GC/MS / EPA 8260B
Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-7890	**LCS**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/09/17 17:35**	**170809L047**
099-12-767-7890	**LCSD**	**Aqueous**	**GC/MS RR**	**08/09/17**	**08/09/17 18:06**	**170809L047**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.46	103	N/A	N/A	80-120	73-127	N/A	0-20	
1,2-Dibromoethane	50.00	51.96	104	N/A	N/A	80-120	73-127	N/A	0-20	
1,2-Dichloroethane	50.00	52.00	104	N/A	N/A	70-130	60-140	N/A	0-20	
Ethylbenzene	50.00	50.22	100	N/A	N/A	80-123	73-130	N/A	0-20	
Toluene	50.00	49.97	100	N/A	N/A	80-120	73-127	N/A	0-20	
p/m-Xylene	100.0	104.4	104	N/A	N/A	75-123	67-131	N/A	0-25	
o-Xylene	50.00	52.83	106	N/A	N/A	74-122	66-130	N/A	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	50.86	102	N/A	N/A	69-129	59-139	N/A	0-22	
Tert-Butyl Alcohol (TBA)	250.0	268.0	107	N/A	N/A	69-129	59-139	N/A	0-25	
Diisopropyl Ether (DIPE)	50.00	51.25	102	N/A	N/A	68-128	58-138	N/A	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	49.85	100	N/A	N/A	63-135	51-147	N/A	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	50.17	100	N/A	N/A	67-133	56-144	N/A	0-20	
Ethanol	500.0	524.2	105	N/A	N/A	42-168	21-189	N/A	0-20	
Gasoline Range Organics (C6-C12)	1000	1100	110	1119	112	65-135	53-147	2	0-30	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Antea Group		Date Received:	08/08/17
1155 N. First St., Suite 201		Work Order:	17-08-0608
San Jose, CA 95112-4927		Preparation:	EPA 5030C
		Method:	GC/MS / EPA 8260B
Project: 256390			Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-7891	**LCS**	**Aqueous**	**GC/MS RR**	**08/11/17**	**08/11/17 15:24**	**170811L018**
099-12-767-7891	**LCSD**	**Aqueous**	**GC/MS RR**	**08/11/17**	**08/11/17 15:55**	**170811L018**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.90	104	48.18	96	80-120	73-127	7	0-20	
1,2-Dibromoethane	50.00	51.22	102	50.74	101	80-120	73-127	1	0-20	
1,2-Dichloroethane	50.00	51.68	103	49.92	100	70-130	60-140	3	0-20	
Ethylbenzene	50.00	52.03	104	47.88	96	80-123	73-130	8	0-20	
Toluene	50.00	50.85	102	46.96	94	80-120	73-127	8	0-20	
p/m-Xylene	100.0	107.2	107	98.89	99	75-123	67-131	8	0-25	
o-Xylene	50.00	53.83	108	50.92	102	74-122	66-130	6	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	50.25	100	49.02	98	69-129	59-139	2	0-22	
Tert-Butyl Alcohol (TBA)	250.0	266.4	107	265.8	106	69-129	59-139	0	0-25	
Diisopropyl Ether (DIPE)	50.00	51.60	103	49.23	98	68-128	58-138	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	50.07	100	48.44	97	63-135	51-147	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	50.58	101	48.86	98	67-133	56-144	3	0-20	
Ethanol	500.0	533.6	107	494.8	99	42-168	21-189	8	0-20	
Gasoline Range Organics (C6-C12)	1000	1147	115	1168	117	65-135	53-147	2	0-30	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-08-0608 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
GC/MS / EPA 8260B	EPA 5030C	1126	GC/MS RR	2

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Glossary of Terms and Qualifiers

Work Order: 17-08-0608 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

20170831.256390.WG_Q_201708.BO

COP ELT CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # ____ of ____

anteagroup

17-08-0608

3Q17 GW Sampling Event

Required Lab Information:		**Required** Project Information:				**Required** Invoice Information:					
Lab Name:	Calscience	Site ID #:	256390	Task:	WG_Q_20170831	Send Invoice to:	Sandy Hayes				
Address:	7440 Lincoln Way	AnteaGrp proj#	I40256390			Address:	11010 White Rock Road, Suite 140			Turn around time (days)	5
Garden Grove, CA 92841		Site Address	402 DELAWARE STREET			City/State	Rancho Cordova CA 95670	Phone #:	916-638-2085	QC level Required: Standard	Special / Mark one
Lab PM:	Terri Chang	City	SAN MATEO	State	CA 94402	Reimbursement project?		Non-reimbursement project?	Y / Mark one	NJ Reduced Deliverable Package?	
Phone/Fax:	714-895-5494	AG PM Name:	Bill Patzelt			Send EDD to	agdataview.us@anteagroup.com			MA MCP Cert?	CT RCP Cert? / Mark One
Lab PM email	terrichang@eurofinsus.com	Phone/Fax:	916-389-6481			CC Hardcopy report to	Mana.Or@anteagroup.com			Lab Project ID (lab use)	
Applicable Lab Quote #:		AG PM Email:	Bill.Patzelt@anteagroup.com			CC Hardcopy report to	Colin.Campbell@anteagroup.com Jamie.Sweet@anteagroup.com				

Valid Matrix Codes: DRINKING WATER (WP), GROUND WATER (WG), WASTE WATER (WW), FREE PRODUCT (LP), SOIL (SO), OIL (OL), WIPE (SW), AMBIENT AIR (SVE), AIR (AA), SOIL GAS (GS), WATER (W), SURFACE WATER (WQ), WATER QC (SL), SLUDGE (WH), RINSEATE (OT), OTHER (TA), ANIMAL TISSUE (WS)

ITEM #	SAMPLE ID (Character per box. Z, 0-9 / ,-) One (A- Samples IDs MUST BE UNIQUE)		MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	SAMPLE DATE	SAMPLE TIME	#OF CONTAINERS	FIELD FILTERED? (Y/N)	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analyses: 8260 GC/MS GRO	8260BtexMTBE/TOXy	8260Naphthalene	Comments/Lab Sample I.D.
1	MW-22_20170831	1	WG		8-4-17	1049	3	N				X					X	X	X	
2	MW-25_20170831	2	WG			1005	3	N				X					X	X	X	7 Oxy's = DIPE, TBA, TAME, ETBE, 1,2-DCA, EDB, and Ethanol
3	MW-21_20170831	3	WG			1128	3	N				X					X	X	X	
4	MW-10R_20170831	4	WG			1203	3	N				X					X	X	X	
5	MW-18_20170831	5	WG			1404	3	N				X					X	X	X	
6	MW-6_20170831	6	WG			1319	3	N				X					X	X	X	
7																				
8																				
9																				
10																				
11																				
12																				

Additional Comments/Special Instructions:

Global ID: T0608100632

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	8-4-17	1545	Sample Custodian	8-4-17	1545
(SC)	8-7-17	1250	To Molly GCI	8/7/17	1250
To Molly TO GSO	8/8/17	1130		8/8/17	1150

Sample Receipt Conditions

Temp in °C	Samples on Ice?	Sample intact?	
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N
	Y / N	Y / N	Y / N

SHIPPING METHOD: (mark as appropriate) UPS COURIER FEDEX US MAIL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark McCulloch

SIGNATURE of SAMPLER: ____ DATE Signed ____ Time: ____

Final 11/13/06. AMTait

GSO
GOLDEN STATE OVERNIGHT

800-322-5555 www.gso.com

0608

Ship From
CAL SCIENCE- CONCORD
ALAN KEMP
5063 COMMERCIAL CIRCLE
#H
CONCORD, CA 94520

Tracking #: 537138927

NPS

Ship To
CEL
SAMPLE RECEIVING
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

ORC
GARDEN GROVE

A

COD: $0.00
Weight: 0 lb(s)
Reference:
Phillips 66, Port Costa, EKI, Antea(BTS)
Delivery Instructions:

D92845A

70492756

Signature Type: Required

Print Date: 8/7/2017 3:44 PM

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer. Securely attach this label to your package, do not cover the barcode.

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WORK ORDER NUMBER: 17-08- 0608

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Antea Group

DATE: 08 / 08 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: +0.2°C); Temperature (w/o CF): 2.8 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: SM6

CUSTODY SEAL:

Cooler ☑ Present and Intact ☐ Present but Not Intact ☐ Not Present ☐ N/A Checked by: SM6

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s** ☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: SM6

Is the Data Set Valid?	Preservation Temperature
(circle)	*(if Known)*: _____ºC
Yes / No	

Antea™Group Laboratory Data Validation Sheet

Project/Client: COP ELT
Project #: I40256390
Date of Validation: 09/19/2017 **Date of Analysis:** 08/10/2017
Sample Date: 08/04/2017 **Completed By:** Jamie Sweet

Circle or Highlight Yes / No (below)

Signature: Sweet

Analytical Lab Used and Report # (if any): Eurofins Calscience #

1.	Were the analyses the ones requested?	Yes / No
2.	Do the sample number(s) on the chain-of-custody (COC) match the one(s) that appear on the laboratory data sheet?	Yes / No
3.	Were samples prepared (extracted, filtered, etc.) within EPA holding times?	Yes / No
4.	Once prepared/extracted, were the samples analyzed within the EPA holding times?	Yes / No
5.	Were Laboratory blanks performed, if so, were they non-detect?	Yes / No
6.	Are the units correct? (i.e., soil samples in mg/kg or ug/g, water samples mg/L, ug/L, and air samples in volume mg/m^3, etc.)	Yes / No
7.	Were appropriate Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples included in the laboratory batch sample?	Yes / No
8.	In lieu of MS/ MSD, were surrogate spike (SS) or surrogate spike duplicate (SSD) samples included in the laboratory batch samples?	Yes / No
9.	Were MS/ MSD (or SS/SSD) within the acceptable range of % recovery (i.e., approximately 80-120%, depending on the analyte)?	Yes / No
10.	Were MS/MSD (or SS/SSD) values used to calculate Relative Percent Difference (RPD)?	Yes / No
11.	Were Relative Percent Difference values within the acceptable range (i.e. ±25%)?	Yes / No

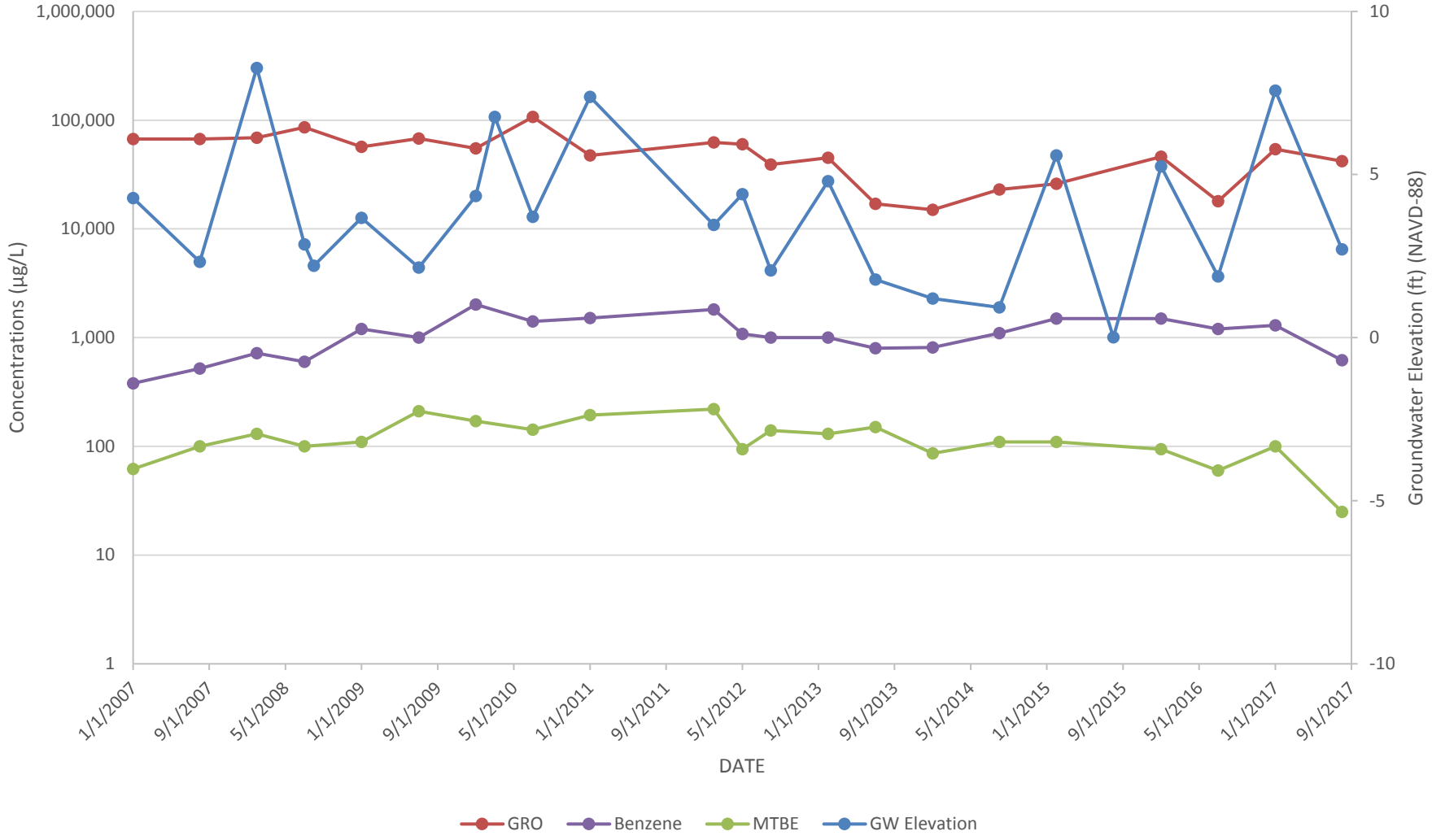
If any answer is no, explain why and what corrective action was taken (use additional sheet(s), as necessary:

None.

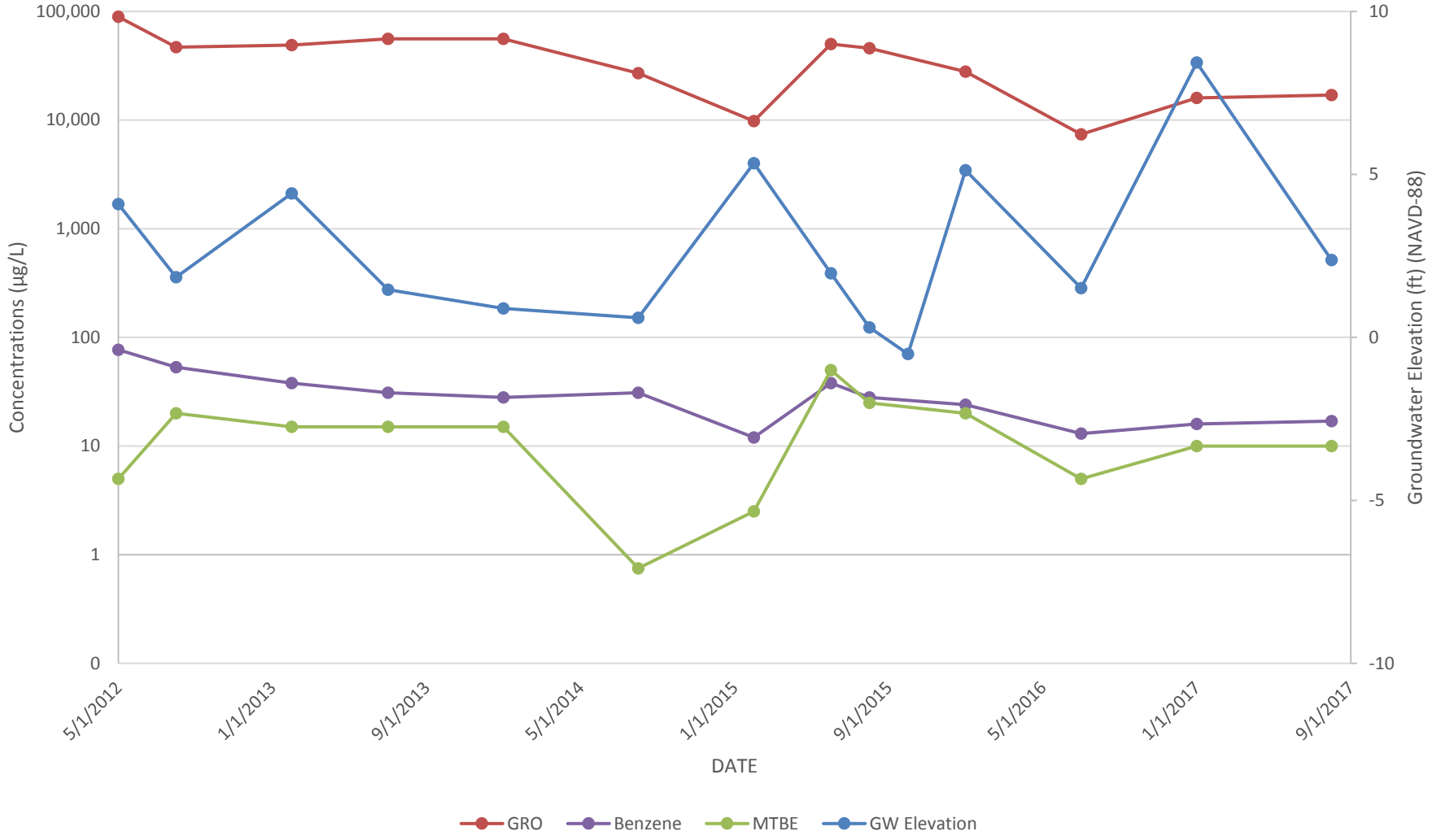
Appendix E

Time Series Graphs

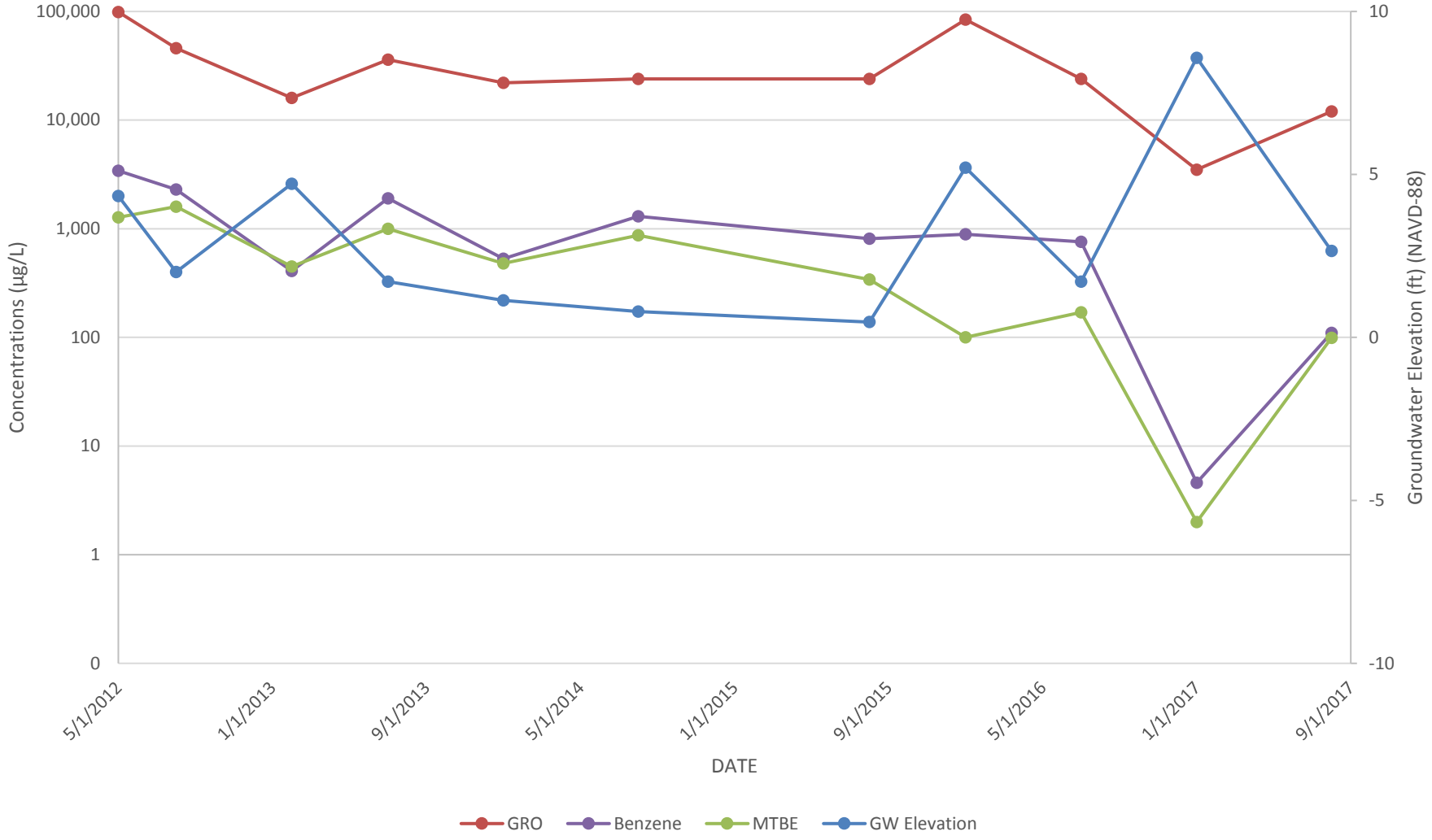
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GRO, BENZENE, MTBE CONCENTRATIONS AND GROUNDWATER ELEVATIONS VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



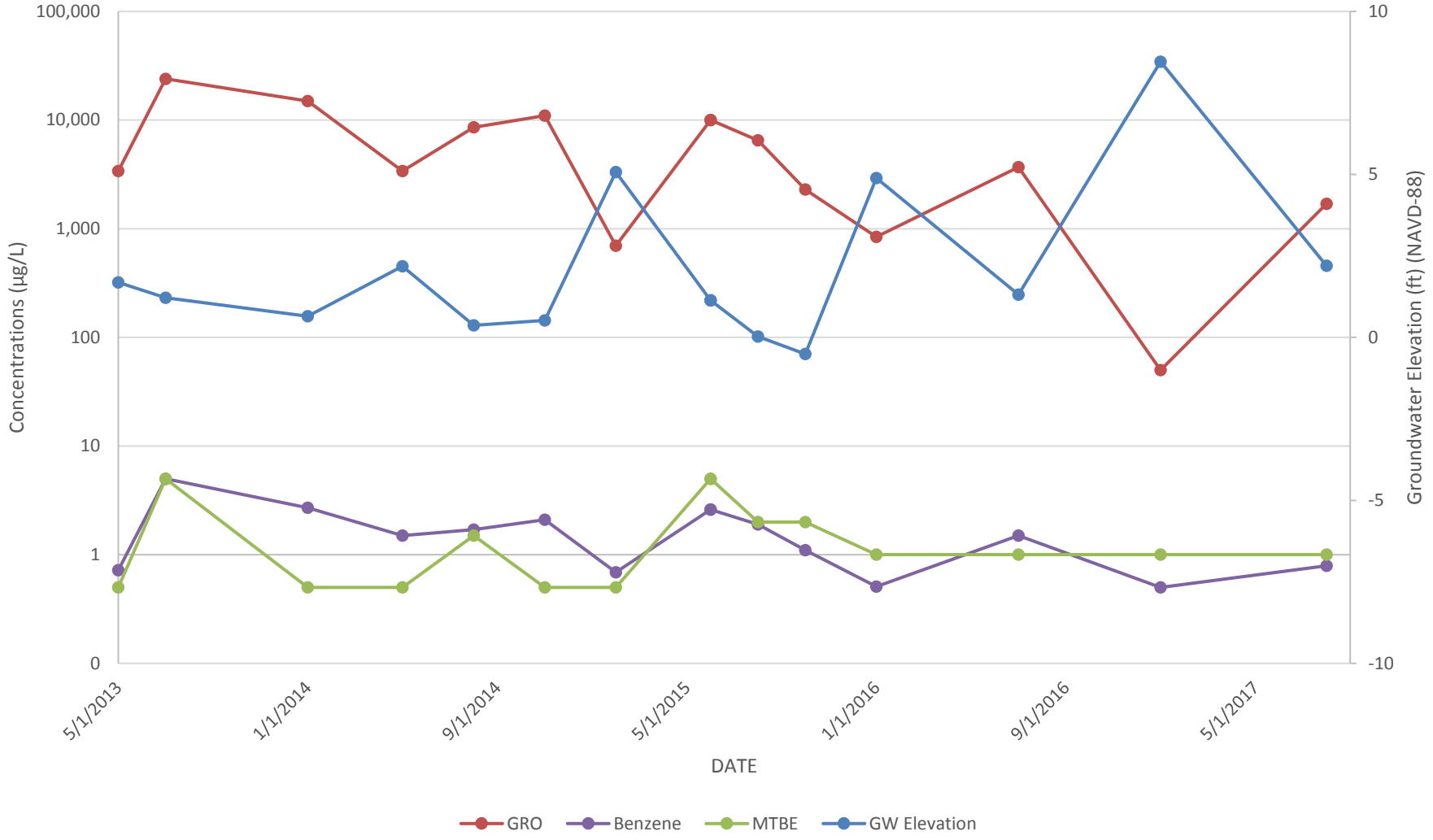
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76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



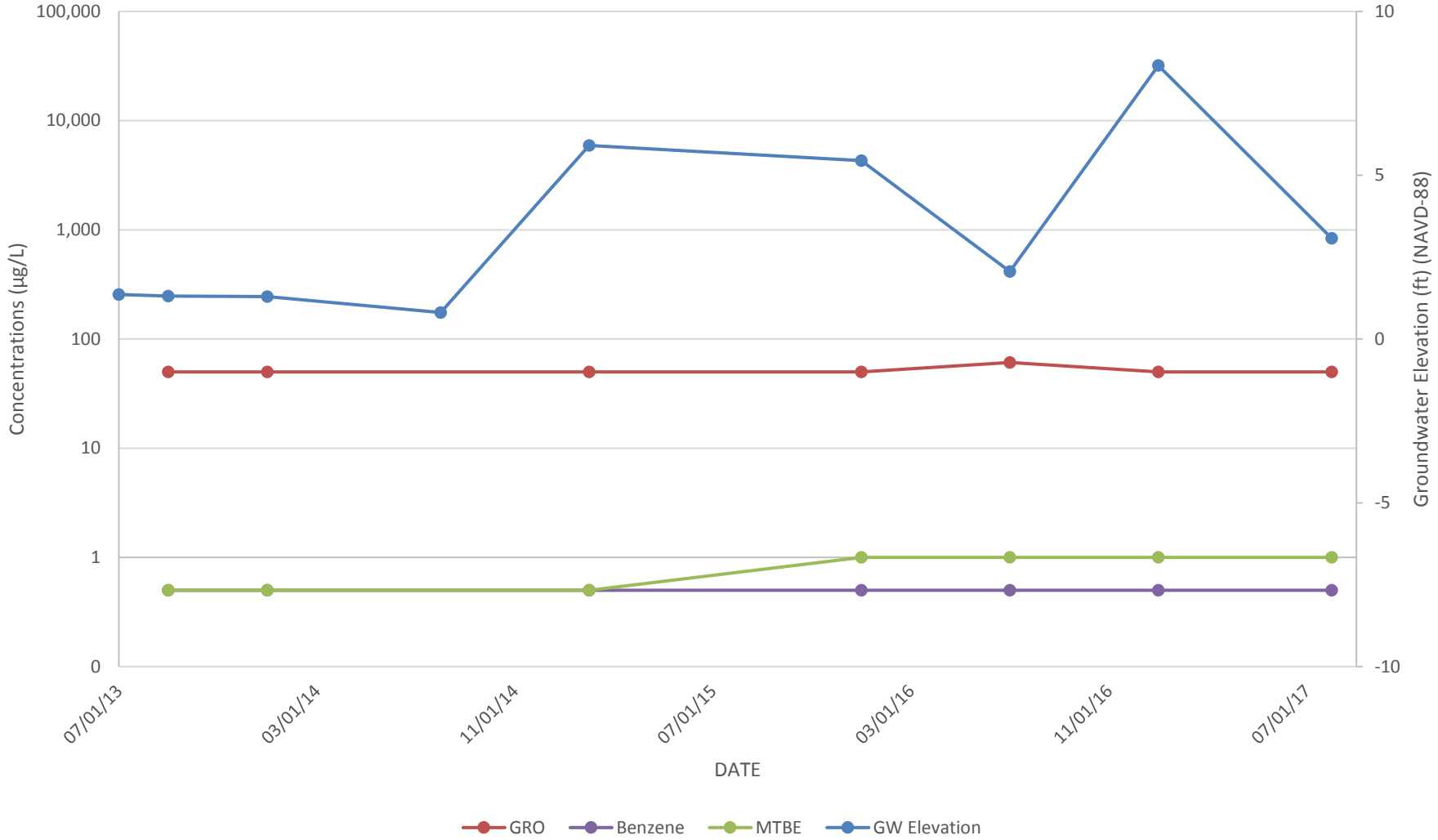
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76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



WELL MW-21
GRO, BENZENE, MTBE CONCENTRATIONS AND GROUNDWATER ELEVATIONS VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



WELL MW-22
GRO, BENZENE, MTBE CONCENTRATIONS AND GROUNDWATER ELEVATIONS VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



COUNTY OF SAN MATEO
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August 21, 2017

SMCo Site #110069 / RO534
APN: 034-186-110

Brett Hunter
Chevron Environmental Management Company (CEMC)
6101 Bollinger Canyon Road, 5th Floor
San Ramon, CA 94583-5186
(via bhunter@chevron.com)

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Hunter:

AnteaGroup (Antea) uploaded to the State GeoTracker (GeoTracker) database a groundwater monitoring report dated May 12, 2017, and an unsolicited case closure request dated August 3, 2017. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of these reports and the project file.

Groundwater Monitoring Report

Item #4 in the GPP staff email dated August 25, 2016 (comments on May 2016 groundwater monitoring report) directed the registered professional to not use a peristaltic pump to collect future groundwater samples for the analysis of volatile organic compounds (VOCs) and reiterated this directive in Item #1 of our email dated March 13, 2017 (comments on November 2016 monitoring report). However, Section 2.4 of the May 2017 monitoring report indicates a peristaltic pump was again used to collect groundwater samples for VOC analysis (the First Quarter 2017 samples). The registered professional states the California LUFT manual supports using a peristaltic pump to collect groundwater samples for VOC analysis, and therefore, did not direct Blain Tech to re-sample the wells as we directed in our March 2017 email. GPP staff do not consider this the standard of care expected for the following reasons:

- The LUFT manual was an open-sourced (Wiki-type) document, not a document peer reviewed by the scientific research community. Moreover, all of the technical guidance documents we are aware of for groundwater sampling stipulate a peristaltic pump should not be used for the collection of groundwater samples for VOC analysis (e.g. USEPA Region 9 Field Sampling Document #1220; Appendix A of 2008 DTSC Guidance Manual for Groundwater Investigation). Even the reference cited in the LUFT Manual (Puls and Barcelona, 1996) states "a peristaltic pump can cause degassing resulting in alteration of pH, alkalinity and some volatile loss"; and

- GPP staff have previously informed CEMC representatives that if they disagree with a GPP staff directive, then they should promptly issue a letter demonstrating why the work we directed is not warranted. No such response was issued.

Given the foregoing, GPP staff consider the monitoring data collected during the first and third quarter of 2016 and the first quarter of 2017 as potentially unrepresentative. Our letter dated August 19, 2015, indicated the subject site may satisfy the State Low-Threat UST Case Closure Policy (LTCP) if the groundwater monitoring results over this period were similar to historical results. Unfortunately, we cannot accept the results reported over this period of time because the data are potentially unrepresentative (i.e. do not satisfy the data quality objectives). Therefore, the following work is required:

- **Immediately** gauge and sample the groundwater in all monitoring wells using a suitable sampling device; and

- Upload to GeoTracker by **November 21, 2017**, all electronic files required by California Code of Regulations Title 23, Division 3, Chapter 30, including a report detailing and justifying the methods, findings, conclusions, and recommendations of the investigation. Ensure the groundwater sampling results table is footnoted as previously required in our March 2017 email.

GPP staff cannot recommend the UST Cleanup Fund reimburse the costs associated with the May 2017 groundwater monitoring event because the work was not performed in accordance with our directives. Please note, we may require additional groundwater monitoring depending on the results of the above required work.

Unsolicited Case Closure Request

Item #2 in our email dated March 13, 2017, did not consider it necessary to prepare the case closure request recommended in the November 2016 monitoring report because GPP staff indicated case closure under the LTCP appeared appropriate. GPP staff were only waiting on the results of the additional groundwater monitoring events required on page 2 of our August 2015 letter (final impediment to case closure). Preparing a comprehensive case closure document evaluating all exposure pathways does not appear cost-effective when the agency was only waiting on these results. Therefore, **GPP staff cannot recommend the UST Cleanup Fund reimburse the costs associated with the preparation of the August 2017 closure request.**

With respect to the case closure request, GPP staff cannot support case closure at this time for the reasons stated at the top of this page (i.e. potentially unrepresentative verification groundwater samples). We will re-evaluate our decision when we review the groundwater monitoring report due by November 21, 2017. Please note, our decision to deny case closure is subject to appeal to the State Water Resources Control Board (SWRCB), pursuant to Section 25296.40(a)(1) of the Health and Safety Code (Thompson-Richter Underground Storage Tank Reform Act - Senate Bill 562). Please

contact the SWRCB Underground Storage Tank Program at (916) 341-5752 for information regarding the appeal process if you desire to appeal our decision.

Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Charles Ice, PG
Program Specialist
Groundwater Protection Program

PROFESSIONAL GEOLOGIST
CHARLES ICE
No. 8378
STATE OF CALIFORNIA

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
Shane Nolan, Platinum Energy (via snolan@platinum-energy.net)
Bill Patzelt, Antea Group (via bill.patzelt@anteagroup.com)

Closure Request

Low-Threat Closure Request
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California

San Mateo County LOP Case No. 110069
GeoTracker Global ID No. T0608100632

Antea Group Project No. I40256390
August 3, 2017

Prepared for:
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Closure Request

Low-Threat Closure Request
76 Service Station No 6390
402 South Delaware Street, San Mateo, California
San Mateo County LOP Case No. 110069

1.0 INTRODUCTION

The purpose of this submittal is to document the status of the assessment and remediation efforts completed at the active gasoline service station site located at 402 South Delaware Street in San Mateo, California (the Site) with the goal of obtaining regulatory closure for San Mateo County Groundwater Protection Program (GPP) Case Number 110069. Please refer to **Figures 1** and **2A** for the location information. It is our goal to provide the GPP with sufficient information to support an argument for site closure. The following sections provide a summary of assessment and remedial activities completed at the Site. The information presented in **Sections 2.0** through **6.0** is used in **Section 7.0** to support the arguments for regulatory closure consistent with the 2012 California State Water Resources Control Board (SWRCB) *Low-Threat Underground Storage Tank Case Closure Policy, Resolution No. 2012-0016* (LTC Policy).

2.0 BACKGROUND INFORMATION

This section provides a site description, case background information, and regional and site-specific geology and hydrogeology.

2.1 Site Description

The Site is currently an active service station with a fuel dispensing system and a structure used for retail sales and automobile maintenance located on the southern corner at the intersection of East Fourth Avenue and South Delaware Street in the city and county of San Mateo, California (**Appendix A** - Assessor Parcel Number 034-186-110). The fueling infrastructure consists of two (2) double-walled steel-fiberglass clad underground storage tanks (USTs) with capacities of approximately 12,000 gallons each, one (1) double-walled steel-fiberglass clad waste oil UST with a capacity of approximately 520 gallons, three pump islands each with two dispensers, and associated underground double-walled product conveyance piping (**Figure 2B**). The USTs and associated conveyance piping was installed in 1992. Please refer to **Appendix B** for more details on the facility.

2.2 Past Fuel System Modifications

The following provides a summary of available information related to past fuel systems up-grades for the Site.

August 1992 - Kaprealian Engineering, Inc. (KEI) observed the removal of two 12,000-gallon capacity gasoline USTs, one 550-gallon capacity waste oil UST, dispensers from three product islands, and associated product conveyance piping (KEI, 1992a). Due to obvious petroleum hydrocarbon contamination in the UST cavities, KEI submitted an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report On September 10, 1992 (KEI, 1992b). The removed fueling infrastructure was replaced with the facilities currently at the site.

January 1996 - GeoStrategies (GSI) observed the excavation and removal of a 150-gallon capacity oil/water separator during reconstruction of the station building (GSI, 1996).

2.3 Assessment and Remediation Chronology

The background information presented herein is based on documents previously submitted by Antea Group and past engineering consulting companies. Below is a summary of completed environmental activities related to GPP Case Number 110069. This includes a summary of past regulatory interactions, past remedial/removal actions, past assessment/investigations, and past sensitive receptor evaluations.

2.3.1 Regulatory Interaction Chronology

June 1992, An Accident/Incident Investigation Report was prepared detailing the June 3, 1992 failed routine leak test results. An inspection of the UST used to store super unleaded gasoline revealed the presence of a 14-inch crack in the sidewall of the UST (UNOCAL, 1992).

On September 10, 1992, KEI submitted an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report (KEI, 1992b).

June 2009, in response to an assessment and sensitive receptor report dated September 8, 2008, the GPP issued a letter on June 25, 2009 directing a work plan be submitted for assessing the origin of the Tetrachloroethene (PCE) reported in water samples from wells MW-12B and MW-13B and in soil samples collected during the 1992 waste oil UST replacement. The GPP also indicates that the inhalation risk associated with the PCE appears warranted.

July 2009, the GPP issued a letter dated July 27, 2009 discussing the SWRCB Resolution 2009-042 requiring the reduction in the frequency of groundwater monitoring.

August 2010, the GPP issued a letter dated August 9, 2010 responding to the submission of an assessment work plan dated December 31, 2009. The GPP asserted that the work plan did not provide a scope of work that adequately assessed the origin of the PCE.

November 2010, the GPP issued a letter dated November 22, 2010 indicating future correspondence will be directed to Chevron Corporation and ConocoPhillips will receive a courtesy copy.

February 2011, the GPP issued a letter dated February 8, 2011 responding to Antea Group's intention not to include the analysis of PCE during future monitoring events. The GPP confirmed that PCE should be included in the ongoing monitoring program. The letter also provides comments on an October 29, 2010 assessment work plan that states, "it has not been established the PCE originated from the 76 station". The letter further states, "the 0.0064 mg/kg PCE concentration reported in soil Sample WO-1 at 8 fbg does not demonstrate the former waste oil UST leaked PCE" and that the soil sample was "within the reported interval of groundwater fluctuation; therefore, it is possible the PCE in this sample originated from the PCE-affected groundwater migrating from an upgradient source".

November 2011, the GPP issued a letter dated November 22, 2011 responding to an assessment report dated August 10, 2011 and an "unsolicited" work plan dated August 9, 2011. In the letter, the GPP confirmed that the "results of the investigation indicate a PCE source exists upgradient of the site. However, we cannot establish whether the former waste oil UST at the Unocal site contributed to the PCE plume". The letter further indicates, "we cannot establish if the first groundwater in SB-1, SB-3, and SB-4 contains greater PCE concentrations which may eliminate Unocal as a potential PCE source". As it relates to the completion of the vertical assessment, the letter states, "It appears the vertical extent of gasoline-affected soil and fuel impact to deeper groundwater has been adequately assessed", however "the lateral extent of fuel hydrocarbons in first groundwater has not been assessed east or southeast of MW-6 and SB-7". The letter further indicates, "Remediation may not be necessary if the gasoline release is the only driver for the Unocal site and the fuel impact does not contain NAPL, is limited to under the street, is stable, does not pose a significant risk to hum health and environment, and will degrade to RWQCB water quality objectives within a reasonable time".

January 2013, the GPP issued a letter dated January 29, 2013 responding to an assessment report dated July 6, 2012 and an assessment work plan dated September 7, 2012. The GPP stated, "It appears activities at the subject site have contributed to the neighborhood PCE plume in concentrations exceeding water quality objectives". The GPP also requested that the scope of work in the assessment work plan include sub-slab vapor probes in the building at 521 and 603 East 5th Avenue instead of the proposed subsurface vapor wells.

January 2014, the GPP issued a letter dated January 8, 2014 responding to an assessment report dated July 17, 2013 and an "unsolicited" assessment work plan dated October 12, 2013. The GPP stated, "We consider the source of the PCE problematic and do not concur with conclusion in the report that the PCE solely originated from an upgradient source. Although the PCE in the MW-23 groundwater sample indicates some of the PCE likely originated from an upgradient source and the soil sampling results from MW-22 do not support a PCE release from the waste oil tank, the PCE concentrations nevertheless increase at the subject site (e.g. were <12 µg/l in the May 2011 grab groundwater samples from upgradient Borings SB-3 and SB-4) and the only vadose zone soil sample reported to contain PCE was collected from the waste oil tank excavation. GPP staff will postpone a decision on further PCE corrective action pending our review of the upcoming subsurface vapor sampling report". The assessment scope of work that included the installation of two off-site monitoring wells downgradient of existing monitoring well MW-21 was not approved.

October 2014, the GPP issued a letter dated October 29, 2014 responding to a subsurface vapor report dated May 29, 2014 and a PCE source evaluation report dated October 8, 2014. The GPP concluded from the PCE source assessment report "it appears more likely the PCE contamination originated from Wardrobe Cleaners. Therefore, at this time, GPP staff will not require the responsible party for the fuel release at the subject site to perform additional investigation of the PCE release". The GPP concluded from subsurface vapor report that "the GPP staff concur the PCE concentrations reported

in sub-slab vapor samples SS-1 and SS-2 indicate a potential PCE inhalation risk to the occupants of the building at 521 East 5th Avenue. Additional corrective action will be necessary to address this issue. However, as previously stated, we will not at this time require the responsible party for the fuel release at the subject site to perform this work". The letter further stated, "The report recommends removing the sub-slab vapor probes. We cannot approve this request at this time because of the required additional sampling. Please note, even when subsurface vapor sampling for gasoline compounds is no longer necessary, it may be prudent to leave the probes in-place and transfer their ownership to the property owner and eventually the responsible party for assessment of the PCE impact."

October 2014, the GPP issued a letter dated October 30, 2014 to representatives of Wardrobe Cleaners located at 335 4th Avenue, San Mateo. The letter stated, "The company investigating this release (Antea Group) has collected sufficient information to indicate the source of the Tetrachloroethene (PCE) they discovered in their soil and groundwater samples may have originated from Wardrobe Cleaners" and concluded that "GPP staff are requesting you to voluntarily sample soil and groundwater in the vicinity of Wardrobe Cleaners to determine if the cleaners released PCE to soil and groundwater".

July 2016, the GPP issued letters dated July 26, 2016 to representatives of the following businesses:

- Family Cleaners located at 412 East 3rd Avenue
- New A-1 Cleaners located at 17 E. 4th Avenue
- Former Quality Cleaners located at 508 East 3rd Avenue

The letters stated, "The Company investigating this release (Antea Group) has collected sufficient information to indicate the source of the Tetrachloroethene (PCE) and breakdown products they discovered in soil and groundwater samples may have originated from a site located upgradient from them".

2.3.2 Environmental Investigations Chronology

August 1992, KEI observed the removal of two 12,000-gallon USTs used to store fuel, one 550-gallon steel waste oil UST, and the associated product piping and dispensers. Upon removal, KEI observed a crack in the sidewall of the super unleaded gasoline tank, coincident with the location of a tank backfill monitoring well, and two 3/16-inch diameter holes in the waste oil tank. KEI observed obvious petroleum hydrocarbon contamination in the gasoline UST cavity including free product. The eastern side of the gasoline UST cavity was over-excavated to approximately 22 feet deep over an area approximately 30 feet by 27 feet to remove as much of the impacted soil as possible (approximately 660 cubic yards). In addition, approximately 5,800 gallons of subsurface water (observed at a depth of approximately 21-feet) and product were pumped from the gasoline UST cavity (KEI, 1992a). A subsequent report summarizing the stockpile sampling completed in preparation for transport and disposal indicated that 250 cubic yards of soil was transported to Mountain View Landfill and 650 cubic yards of soil was transported to Red Bluff,

California for treatment and disposal, or a total of 800 cubic yards (KEI, 1992c). Based on 1.5 tons per cubic yard, an estimated total of soil transported to an off-site facility is 1,200 tons.

January 1996, GSI observed the excavation and removal of a 150-gallon capacity oil/water separator (GSI, 1996). GSI collected a confirmation soil sample (OWS-S-4.5) from underneath the oil/water separator at a depth of 4.5 feet below ground surface (bgs) and submitted it for analysis. The available documentation does not indicate the amount of soil removed during the decommissioning activities. The soil sample was analyzed for the following:

- Total petroleum hydrocarbons as gasoline (TPHg) and volatile organic compounds benzene, toluene, ethylbenzene, and xylenes (BTEX) by Environmental Protection Agency (EPA) methods 8015/8020,
- Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015/3550,
- Oil and grease (O&G) by Standard Method 5520 D/E&F,
- Chlorinated volatile organic compounds (cVOCs) by EPA Method 8010, and
- Metals, cadmium, chromium, nickel, lead, and zinc by EPA Method 6010/200.7.

The results from the analytical laboratory were as follows:

- TPHg – Not detected in concentrations above laboratory reporting limits.
- BTEX – benzene and ethylbenzene were not detected in concentrations above laboratory reporting limits; toluene and xylenes were detected at 0.006 milligrams per kilogram (mg/kg) and 0.009 mg/kg, respectively.
- TPHd – 1.5 mg/kg.
- O&G - Not detected in concentrations above laboratory reporting limits.
- cVOCs - Not detected in concentrations above laboratory reporting limits.
- Metals – cadmium was not detected in concentrations above laboratory reporting limits, while chromium, nickel, lead, and zinc were detected at 160 mg/kg, 99 mg/kg, 12 mg/kg, and 69 mg/kg, respectively.

2.3.3 Environmental Remedial Action Chronology

For a summary of boring/well completion information, please refer to **Table 1** and **Appendix C**. For a summary of past subsurface water laboratory and gauging results, please refer to **Tables 2, 3, and 4**. For a summary of past subsurface soil and soil gas laboratory results, please refer to **Tables 5, 6, and 7.**

KEI collected nine (9) soil samples (A1, A2, B1, B2, SW1, SW1 (2.5), SW2, SW2 (2.5), and SW-3) and one (1) subsurface water sample (W1) from the UST excavation. KEI also collected one (1) sample (WO1) from the bottom of the waste oil UST excavation, six (6) subsurface soil samples (P1, P2, P3, P4, P5, and P6) from the bottom of the product piping trenches, and three (3) subsurface soil samples from beneath the dispensers (D1, D2, and D3). Please refer to **Tables 2, 5, and 6** and **Figures 2A and 2B** for laboratory results and location of the samples.

May 1994, KEI installed three monitoring wells (MW-1, MW-2, and MW-3) at the site (KEI, 1994). Please refer to **Tables 2, 5, and 6** for past laboratory results from subsurface water and soil samples, and **Figures 2A and 2B** for the locations.

March 1995, KEI installed two off-site monitoring wells MW-4 and MW-5 in the footprint of the sidewalk of South Delaware Street opposite the site (KEI, 1995). Please refer to **Tables 2, 5, and 6** for past laboratory results from subsurface water and soil samples, and **Figures 2A and 2B** for the locations.

February 1996, KEI supervised the advancement of three Geoprobe® borings (SP1, SP2, and SP4) to 13 feet bgs downgradient and collected subsurface water samples. Please refer to **Figure 2A** for the locations of the borings. The laboratory results from the subsurface water samples collected from locations SP-1 and SP-2 were below laboratory reporting limits; however at location SP4 TPHg, benzene, ethylbenzene, and xylenes were detected at 450 micrograms per liter (µg/L), 71 µg/L, 6.7 µg/L, and 17 µg/L, respectively (KEI, 1996).

December 2006/January 2007, SECOR International, Inc. (SECOR) supervised the advancement of direct push borings SP-5 through SP-8, and the installation of soil vapor wells VP-1 through VP-3, soil vapor probe SUBSLAB (SECOR, 2007). In addition, SECOR also supervised the abandonment of four (4) existing monitoring wells MW-1 through MW-4 and MW-5 and the installation of four (4) monitoring wells MW-6 through MW-9. Please refer to **Figures 2A and 2B** for location information. A summary of the construction of these monitoring wells is provided in **Table 1**. Thirty-four (34) subsurface soil samples were submitted for laboratory analysis collected from the borings converted into monitoring well the monitoring wells as well as borings SP-5 through SP-8. Subsurface water samples were also collected from these locations as well, the laboratory results of which are provided in **Table 2**. A summary of laboratory results are provided in **Table 7** (vapor) and **Tables 5 and 6** (soil). The laboratory results from the sub-slab vapor sample did not indicate concentrations of constituents of concern above laboratory reporting limits.

July/August 2008, Stantec Consulting Company (Stantec) supervised the installation of monitoring wells MW-10 and MW-11 (screen interval 5 to 15 feet bgs), and monitoring wells MW-12B, MW-13B, MW-14B, and MW-15B (screen interval 17 to 31 feet bgs). Stantec collected both soil and subsurface water samples from the new wells (Stantec, 2008). For a summary of well completion information, please refer to **Table 1** and **Appendix C**. For a summary of subsurface soil laboratory results, please refer to **Tables 5 and 6**. Subsurface water laboratory results are summarized in **Table 2**. Please refer to **Figures 2A and 2B** for location information.

December 2009, Delta Consultants prepared an investigation work plan dated December 31, 2009 to assess the PCE contamination in groundwater beneath the site vicinity (Delta, 2009).

August 2010, the GPP issued a letter dated August 9, 2010 responding to the submission of the December 31, 2009 assessment work plan. The GPP asserted that the work plan did not provide a scope of work that adequately assessed the origin of the PCE.

October 2010, Antea Group (formerly Delta Consultants) issued a work plan to the GPP entitled *Potential Tetrachloroethene (PCE) Source Evaluation Revised Work Plan* dated October 29, 2010.

February 2011, the GPP issued a letter dated February 8, 2011 responding to the submission of the October 29, 2010 assessment work plan. The GPP approved the portions of the scope of work outlined in the work plan.

May/June 2011, Antea Group supervised the installation of monitoring well MW-17B, and the advancement of six (6) soil borings SB-1 and SB-3 through SB-7 (Antea Group, 2011). For a summary of well completion information, please refer to **Table 1** and **Appendix C**. For a summary of subsurface soil laboratory results, please refer to **Tables 5 and 6,** and subsurface water laboratory results are summarized in **Table 2**. Please refer to **Figure 2B** for location information.

April/May 2012, Antea Group supervised the installation of soil borings SB-8 and SB-9, temporary well TW-1, and monitoring wells MW-18 and MW-19. Antea Group also supervised the destruction and replacement of Monitoring Well MW-10 with Monitoring Well MW-10R (Antea Group, 2012). Please refer to **Figures 2A and 2B** for location information. For a summary of well completion information, please refer to **Table 1** and **Appendix C**. For a summary of subsurface soil laboratory results, please refer to **Tables 5 and 6**. Subsurface water laboratory results are summarized in **Table 2**.

March 2013, Antea Group supervised the installation of monitoring wells MW-20 and MW-21 for additional definition of the shallow groundwater plume. Antea Group also supervised the advancement of soil boring SB-11 and the destruction of monitoring well MW-11 (Antea Group, 2013). Please refer to **Figures 2A and 2B** for location information. For a summary of well completion information, please refer to **Table 1** and **Appendix C**. For a summary of subsurface soil laboratory results, please refer to **Tables 5 and 6** and subsurface water laboratory results are summarized in **Table 2**.

June/July 2013, Antea Group supervised installation of monitoring wells MW-22 through MW-24 to assess potential contribution of PCE from the former waste oil UST (MW-22), to assess PCE concentrations upgradient of the site (MW-23), and to better define the extent of the dissolved phase plume (MW-24, installed adjacent to boring SB-11). Antea Group also supervised the advancement of soil boring SB-10 to assess onsite shallow soil conditions near the former fuel USTs (Antea Group, 2013). Please refer to **Figures 2A and 2B** for location information. For a summary of well completion information, please refer to **Table 1** and **Appendix C**. For a summary of subsurface soil laboratory results, please refer to **Tables 5 and 6,** and subsurface water laboratory results are summarized in **Table 2**.

August 2013 and January/February 2014, Antea Group installed and sampled off-site sub-slab, vapor point locations SS-1 through SS-4 using Vapor Pin™ to assess soil vapor conditions beneath the residential and commercial properties adjacent to and downgradient of the site (Antea Group, 2014). Antea Group collected vapor samples in August 2013 (warm season samples) and January/February 2014 (cold season samples). Please refer to **Figure 2A** for the location of the sampling points and **Table 7** for a summary of the laboratory results.

October 2014, Antea Group issued a document entitled *PCE Source Evaluation Report* dated October 8, 2014. This report summarized the results from the various past assessment activities with the goal of ascertaining if the former on-site waste UST removed in 1992 was a potential source of the PCE detected in subsurface water samples collected on- and off-site. The report concluded that the source of the PCE was from an off-site source (Antea Group, 2014). Based on the October 29, 2014 GPP letter, the source of the PCE likely originated from the Wardrobe Cleaners who received formal notification in a GPP October 30, 2014 letter requesting action. This letter was follow-up by three additional GPP letters dated July 26, 2016 to Family Cleaners located at 412 East 3rd Avenue, New A-1 Cleaners located at 17 E. 4th Avenue, and Former Quality Cleaners located at 508 East 3rd Avenue.

January 2015, Antea Group supervised the installation of Monitoring Well MW-25 and collected additional vapor sampling from sub-slab points SS-2 and SS-3 Antea Group, 2015). Please refer to **Figure 2A** for the location of the newly installed monitoring well and vapor sampling points. **Tables 2 and 7** provide a summary of the laboratory results for subsurface water and vapor samples.

2.3.4 Past Sensitive Receptor Evaluations

In June 1996, Pacific Environmental Group, Inc. (PEG) reported the results of a water supply well survey. PEG reviewed California Department of Water Resources (DWR) records to identify active and inactive water supply wells within a ¼-mile radius of the site. Based on the information included in the PEG report, there was one irrigation (location "D") identified over 2,000 feet south of the site (PEG, 1996).

September 2008, Stantec completed a sensitive receptor survey (SRS) within a ½-mile radius of the site as part of the investigation. Stantec reviewed DWR files, contacted the City of San Mateo and the local water purveyor California Water Service Company (Cal Water), completed a parcel survey within a 500-foot radius of the site, and performed a field canvas. Stantec identified three irrigation wells within ½-mile of the site. Stantec also identified one surface water body (San Mateo Creek) approximately 1,488 feet north of the site (Stantec, 2008).

2.4 Local Geologic and Hydrogeological Conditions

This section of the document provides a summary of the local geologic and hydrogeological conditions.

The City of San Mateo lies amid hills and flatlands along the shore of San Francisco Bay on the northeast side of the Santa Cruz Mountains, separated geologically and topographically from the range by the San Andreas Fault. The western hills are part of an extensive uplifted surface carved by San Mateo Creek into the alluvial fan on which the Site is located (San Mateo, 2009). The property lies near the end of the alluvial fan, approximately 1-mile southwest of San Francisco Bay at an elevation of approximately 20 feet above the North American Vertical Datum of 1988 (NAVD88). Soil boring and well details are summarized in **Table 1**. Boring logs are provided as **Appendix C**. Cross sections are shown on **Figures 3A** and **3B**.

The geologic map *Geology of the Onshore Part of San Mateo County, California: A Digital Database*, derived from United States Geological Survey Open-File Report 98-137, indicates the Site resides on Holocene alluvial fan and fluvial deposits (Brabb et al, 1998). The map explanation page provides a description of the alluvial fan deposits as medium dense to dense gravely sand or sandy gravel typically grading upward to sandy or silty clay.

In general, an alluvial fan is a "fan-shaped" geomorphic structure of detrital sediments deposited by surface water runoff at the base of a highland structure where there is an abrupt change in slope (Reineck, H.E. and Singh I.B., 1980). Alluvial fan sediments consist of intricately interlayered debris-flow and water-laid deposits. Individual depositional units are generally lenticular to irregular in shape and may be relatively continuous along the radial section, but have limited extent in cross-section. Grain sorting and size, and sediment bed thickness varies across the fan from the top to the base of the fan structure and reflects the mode of deposition. Maximum grain size and bed thickness decrease toward the base of the fan structure.

According to *California's Groundwater, Bulletin 118* from the California Department of Water Resources (CDWR), the Site lies within the San Mateo Plain Sub-basin of the Santa Clara Valley Groundwater Basin (CDWR, 2003). The sub-basin occupies a northwest-trending structural trough, bounded by San Francisco Bay to the east, San Francisquito Creek to the south, the Santa Cruz Mountains to the west, and the Westside Basin to the north. Water bearing formations in the sub-basin include the Plio-Pliestocene Santa Clara Formation and Quaternary alluvial deposits.

Surface water bodies near the Site include the following:

- San Mateo Creek (approximately 1,300 feet north of the Site
- Leslie Creek (approximately 0.85 mile southeast of the Site)
- San Francisco Bay (approximately 1 mile northeast of the Site)
- Seal Slough (approximately 1.5 miles east-northeast of the Site)

2.5 Site Specific Geologic and Hydrogeological Conditions

This section of the document provides a summary of the site-specific geologic and hydrogeological conditions. Antea Group compiled the information from previous reports developed by Antea Group and predecessor consultants that have worked on and around the Site.

The site-specific stratigraphic interpretation is based on the boring logs and cross sections with consideration to the regional depositional environment. Beneath the site, sandy silt/clay become inter-bedded with continuous to semi-continuous layers of silty/clayey sands and silty/clayey gravels to the maximum explored depth of 40 feet below ground surface (bgs). The cross sections effectively illustrate the heterogeneous system of debris and stream deposits consistent with a typical alluvial fan as described in **Section 2.4.1**. Cross Section A – A' is oriented along the radial slope of the alluvial fan in the predominant direction of groundwater flow and cross section B – B' is oriented across the radial slope of the alluvial fan cross gradient to groundwater flow. The cross sections illustrate the interlayered deposition and grain size and sorting variability typical of an alluvial fan (**Figures 3A** and **3B)**.

A previous consultant divided saturated soil to a depth of 31 feet beneath the Site into two zones defined by well screen intervals. Antea Group graphed groundwater elevations over time for the 20 active Site monitoring wells to evaluate the relative behavior of groundwater in the two zones (**Appendix D**). With few exceptions, groundwater elevations were similar and changed consistently over time in the Site wells indicating a single water-bearing unit beneath the Site.

The average depth to water for all Site wells as of the third quarter of 2016, including destroyed wells, is 15.16 feet below the top of well casings (BTOC). Historical gauging data is included in **Table 2**. Groundwater flow is predominantly to the east at an average gradient of 0.003 foot per foot (ft/ft). A subsurface water, flow direction Rose diagram and a gradient table are included as **Appendix E**.

3.0 SUMMARY OF REMEDIATION ACTIVITIES

This section of the document provides summary of remedial activities at the Site along with the estimated amount of material removed from the subsurface.

3.1 Removal Action Summary

The following table provides a summary of the product, soil, subsurface water, and vapor mass removed from the Site during past field activities.

Activity	Product (gallons)	Soil (tons)	Water (gallons)	Vapor Mass (pounds)	Reference
1992 UST and Dispenser Island Decommissioning Activities	NA	1,200	5,800	NA	KEI, 1992a,c
1996 Oil/Water Separator	NA	NA	NA	NA	GSI, 1996
Estimated Totals	**0**	**1,200**	**5,800**	**0**	

Notes:

Conversion from cubic yards to tons, assumes 1.5 tons per cubic yard.

3.2 Unsaturated Zone Remedy

This section provides a summary of the remedy implemented at the Site to address the residual impacts from the release of fuel hydrocarbons on the subsurface soil situated within the unsaturated zone beneath the Site.

3.2.1 1992 UST and Dispenser Island Decommissioning Activities

In August 1992, KEI observed the removal of two 12,000-gallon USTs used to store fuel, one 550-gallon steel waste oil UST, and the associated product piping and dispensers. Upon removal, KEI observed a crack in the sidewall of the super unleaded gasoline tank, coincident with the location of a tank backfill monitoring well, and two 3/16-inch diameter holes in the waste oil tank. KEI observed obvious petroleum hydrocarbon contamination in the gasoline UST cavity including free product. The eastern side of the gasoline UST cavity was over-excavated to approximately 22 feet deep over an area approximately 30 feet by 27 feet to remove as much of the impacted soil

as possible (approximately 660 cubic yards). In addition, approximately 5,800 gallons of subsurface water (observed at 21-feet bgs) and product were pumped from the gasoline UST cavity (KEI, 1992a). A subsequent report summarizing the stockpile sampling completed in preparation for transport and disposal indicated that 250 cubic yards of soil was transported to Mountain View Landfill and 650 cubic yards of soil was transported to Red Bluff, California for treatment and disposal, or a total of 800 cubic yards (KEI, 1992c). Based on 1.5 tons per cubic yard, an estimated total of soil transported to an off-site facility is 1,200 tons.

3.2.2 1996 Oil/Water Separator

In January 1996, GSI observed the excavation and removal of a 150-gallon capacity oil/water separator (GSI, 1996). GSI collected a confirmation soil sample (OWS-S-4.5) from underneath the oil/water separator at a depth of 4.5 feet bgs and submitted it for analysis. The available documentation does not indicate the amount of soil removed during the decommissioning activities. GSI requested analysis of the soil sample for TPHg and BTEX by EPA methods 8015/8020. GSI also requested analysis for TPHd by EPA Method 8015/3550, O&G by Standard Method 5520 D/E&F, and cVOCs by EPA Method 8010. The laboratory analyzed for metals cadmium, chromium, nickel, lead, and zinc using EPA Method 6010/200.7. The results from the analytical laboratory were as follows:

- TPHg – Not detected in concentrations above laboratory reporting limits.
- BTEX – benzene and ethylbenzene were not detected in concentrations above laboratory reporting limits; toluene and xylenes were detected at 0.006 mg/kg and 0.009 mg/kg, respectively.
- TPHd – 1.5 mg/kg.
- O&G - Not detected in concentrations above laboratory reporting limits.
- cVOCs - Not detected in concentrations above laboratory reporting limits.
- Metals – cadmium was not detected in concentrations above laboratory reporting limits, while chromium, nickel, lead, and zinc were detected at 160 mg/kg, 99 mg/kg, 12 mg/kg, and 69 mg/kg, respectively.

4.0 SENSITIVE RECEPTOR SURVEY

The following section provides information on water production wells and surface bodies of water that have been identified by Antea Group as sensitive receptors within a ½-mile (2,640 feet) radius of the Site. Antea Group requested Well Completion Reports from the CDWR, ordered *Offsite Receptor* and *GeoCheck®* reports from Environmental Data Resources, Inc. (EDR), and reviewed sensitive receptor survey results for other active cases in close proximity to the Site on GeoTracker. The following section provides a summary of the results.

4.1 Surface Bodies of Water

The closest surface body of water is San Mateo Creek, located cross gradient of the Site source area approximately 1,300 feet north of the Site trending east to west. Please refer to **Figure 4** for the location of this surface feature.

4.2 Water Production Wells

Antea Group reviewed historical sensitive receptor data for both the subject Site and nearby sites, Well Completion Reports from the CDWR, updated GeoCheck® and Offsite Receptor reports from Environmental Data Resources, Inc. (**Appendix F**), and the Groundwater Ambient Monitoring and Assessment Program (GAMA) information on the GeoTracker website to identify water production wells within 1,000-feet of the Site. Antea Group identified four private irrigation wells within the prescribed radius. Please refer to **Figure 4** for the well details and locations.

Potentially, the closest private irrigation well is approximately 675 feet northeast of the Site at 728 East Fourth Avenue (RRM, 2006). According to the February 15, 2006 *Site Conceptual Model and Corrective Action Evaluation* for the Former Wickland Oil Regal Service Station at 706 East Fourth Avenue, consultant RRM, Inc. (RRM) learned of the well from the San Mateo County Health Services Agency and verified the well in the field. On March 3, 2017, Antea Group personnel visited the residence to verify the status of the well. Unfortunately, the resident(s) were not home at the time of the visit and did not respond to the status inquiry letter left at the door.

RRM identified two additional wells east-northeast (downgradient) of the Site at 516 South Fremont Street and 521 South Fremont Street approximately 700 feet and 925 feet from the Site, respectively (RRM, 2006). Neither RRM nor Antea Group could verify the well at 516 South Fremont Street. During the March 3, 2017 visit, the current tenant, Missy Schepis, stated she was unaware of a well on the property. According to RRM, Inc., the well at 521 South Fremont Street was sampled in 2003 for TPHg, BTEX, and methyl tertiary butyl ether (MTBE) with all results non-detect, and was actively being used in 2006. During the March 2017 visit, a caretaker answered the door and informed Antea Group the owner was unavailable and an attorney managed the property. Antea Group personnel left a status inquiry letter for the attorney but did not receive a response.

Stantec identified one well in their May 4, 2009 *Additional Assessment and Sensitive Receptor Survey Report* prepared for Former 76 Service Station No. 4178 at 615 East Third Avenue (Stantec, 2009). The well is located approximately 775 feet north-northwest of the Site at 216 South El Dorado Street. The property owner returned the status inquiry letter left at the door by Antea Group on March 3, 2017 and reported the well is still on the property, but not operational. The returned survey letter is included as **Appendix G**.

A Well Completion Report from the CDWR provided information for one well at 800 South Claremont Street (**Appendix H**). During the March 2017 visit, Antea Group learned the Raiser Organization currently occupies the property and obtained a phone number for an employee likely to have information about the well. Antea Group subsequently called Ellen Roy and learned the well is still at the property and actively used for irrigation.

4.3 Public Receptors

The EDR report identified 188 public receptors within the 1-mile search radius. The receptors identified included Day Care Centers, Schools, and Hospitals (or medical facilities). The sensitive receptors situated within ¼-mile of the Site include:

- The Sutter Visiting Nurse Association & Hospice or Visiting Nurse Association of San Mateo County identified under Hospitals; (EDR Identification Nos: A1 through A4, **Appendix F**)
- Daycare facility Kindercourt; (EDR Identification Nos: B5 and B6, **Appendix F**)
- Daycare facility Intercommunal Survival School; (EDR Identification No: 7, **Appendix F**)
- Daycare facility Project Intermission; (EDR Identification No: 8, **Appendix F**)

5.0 DISTRIBUTION OF CONSTITUENTS OF CONCERN

This section of the document provides a summary of the subsurface soil and water conditions beneath the Site over time following the remediation efforts previously described in Section 4.0.

5.1 Identification of Past Fuel Release Sources

This section summarizes the laboratory data for both the unsaturated and saturated zone at or near the release of the fuel hydrocarbons into the subsurface beneath the Site. Based on available documentation, the primary release occurred in the area of the current USTs.

Pre-1992 subsurface soil laboratory data is not available, so evaluation of fuel hydrocarbons in soil is limited to data collected during and between the 1992 and 1996 decommissioning and remodeling efforts (Sections 4.2.1 and 4.2.2). The maximum reported concentrations of constituents of concern (COCs), fuel hydrocarbons in the gasoline carbon range including benzene and ethylbenzene, in subsurface soil samples collected in 1992 through 1996 are summarized in the following table. A detailed summary of laboratory results is provided in **Table 5** and on **Figure5A**.

Area of Concern	Sample Location	Sample Depth (feet)	COC and Maximum Results (mg/kg)
Former/Current UST Location	B2	18	GRO – 5,000; Benzene – 47; Ethylbenzene - 120

Notes:
GRO – gasoline range organics reported as TPH-g

The impact on the saturated zone resulting from the release of fuel hydrocarbons is demonstrated by the laboratory results for subsurface water samples obtained from the UST excavation (W1) and monitoring well MW-2 situated adjacent to the source area referenced above. Please refer **Figure 2A** for the location of the monitoring well and to **Table 2** for a summary of laboratory results. The initial GRO, benzene, and MTBE concentrations detected in the water samples collected from the referenced locations are summarized in following table:

Area of Concern	Well ID	COC and Maximum Results (µg/L)
Former/Current UST Location	W1	GRO – 50,000; Benzene – 11,000; MTBE – NA
	MW-2	GRO – 89,000; Benzene – 9,700; MTBE – 3,500

Notes:
NA – Not analyzed

5.2 Post UST Removal Subsurface Soil Conditions

The only remedies applied at the Site are the 1992 and 1996 decommissioning and remodeling efforts (Sections 4.2.1 and 4.2.2). Please refer to **Figure 5B** for a summary of available GRO, benzene, ethylbenzene, and naphthalene laboratory results for soil collected between 2006 and 2008 and to **Figure 5C** for a summary of results for soil collected between 2011 and 2013. **Figure 6** provides the laboratory results for benzene, ethylbenzene, and naphthalene detected in soil samples collected between the surface and 10 feet bgs. A complete summary of soil data is provided in **Tables 5 and 6**.

5.3 Post UST Removal Subsurface Water Conditions

This section provides a summary of the current water quality and COC plume stability status in the saturated zone.

The monitoring well network currently defines the lateral extent of the dissolved phase, petroleum hydrocarbon plume associated with the Site to Water Quality Objectives (WQOs). Since 2013, the laboratory results for benzene in subsurface water from all Site wells have been below the LTC Policy threshold of 3,000 µg/L. Benzene concentrations reported for subsurface water samples from Site wells in 2016 were also below 1,000 µg/L except for the samples from well MW-6, which had reported benzene concentrations of 1,500 µg/L in the sample collected on January 27, 2016 and 1,200 µg/L in the sample collected on July 14, 2016. The laboratory results for MTBE in subsurface water from Site wells have been below the LTC Policy threshold of 1,000 µg/L since 2014. **Figures 7A and 7B** illustrate the lateral extent of dissolved phase benzene and MTBE in subsurface water samples collected from the monitoring wells associated with the ongoing monitoring program since 2013 and 2014, respectively.

To evaluate the current status of the COC saturated zone plume stability, the data collected during the on-going monitoring programs is evaluated using time-series graphs, the Mann Kendall statistical testing methodology, and comparing the past maximum dissolved-phase concentrations of the COCs (benzene and MTBE) to the monitoring results summarized below for first and third quarter 2016. The goal is to provide documentation to support that the residual dissolved-phase plume is stable and/or decreasing in its concentration trend overtime.

Constituent	Number of Locations	Range of Concentrations Reported (µg/L)
Benzene	18 (Q116) and 6 (Q316)	<0.50 to 1,500
MTBE	18 (Q116) and 6 (Q316)	<1.0 to 170

Note:
< – Not detected at a concentration above the indicated laboratory reporting limit

For a complete summary of results, refer to **Table 2**.

5.3.1 Time Series Evaluation

Graphs showing changes to groundwater elevation, and MTBE and benzene concentrations over time for wells MW-4, MW-6, MW-7, MW-8, MW-10R, MW-12B, MW-13B, MW-14B, MW-15B, MW-17B, MW-18, MW-19, MW-20, and MW-21 are included as **Appendix I**. These graphs show stable or reducing concentration trends for the dissolved-phase constituents within the last 10 years.

5.3.2 Mann Kendall (MK) Test

Additional evidence for the presence of a stable or decreasing concentration trend in the saturated zone is demonstrated by the use of the MK test. Antea Group used the laboratory results for water samples collected from wells MW-6, MW-10R, MW-13B, MW-18, and MW-21 during the ongoing subsurface water monitoring program in the MK analysis. The data used in the MK analysis focused on benzene and MTBE. In the cases where the laboratory result was below the laboratory detection limit for a given constituent, a zero value was used in the MK analysis.

The MK test is a non-parametric analysis that compares the relative magnitudes of data in a temporal order (USEPA, 2000). This statistical testing methodology is particularly useful in analyzing subsurface water sample data since it does not need to conform to a particular distribution or sampling frequency past sampling data values are evaluated as an ordered time series and each monitoring data value is compared to each subsequent data values (Gilbert, R.O., 1987). The initial value of the MK statistic (S) is assumed zero (0) with no trend. If a data value from a later time period is higher than a data value from an earlier time period, "S" is incremented by one (1). If the data value from a later time period is lower than a data value sampled earlier, "S" is decremented by one (1). The net result of each increment and decrement yields the final value of Mann-Kendall statistic (S). A positive value of "S" is an indicator of an increasing trend, and a negative value indicates a decreasing trend. Intermediate values of "S" indicate the null hypothesis or baseline condition and the absence of a trend, or a "stable" result. Lastly, a probability level, referred to as the confidence factor (CF), is applied to the final value of "S" to statistically quantify the significance of the trend by computing the probability associated with the sample size (USEPA, 2000).

The results of the MK test indicate that the saturated zone, petroleum hydrocarbon plume as represented by benzene and MTBE is stable and/or decreasing in concentration over time. The MK Test results are included as **Appendix J**.

5.3.3 COC Concentration Reduction Evaluation

The final method to demonstrate the reduction of constituent concentrations for the Site is provided on **Table 3**. The table compares the maximum concentrations of benzene and MTBE detected during the on-going subsurface water monitoring program at the Site beginning in 1994 to the most recent data obtained for each monitoring well. Based on these comparisons, the average site-wide reduction in benzene and MTBE concentrations is an estimated 87.4%.

6.0 UPGRADIENT PCE PLUME

The following sections present background information and data on the PCE and degradation compounds, trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride, that are co-mingled with the Site's petroleum hydrocarbon plume. The importance of the PCE plume is that it has degraded groundwater to "poor quality", exaggerates the extent of petroleum hydrocarbons both upgradient and vertically southeast and southwest of the Site, and presents a vapor intrusion risk to structures adjacent to the Site on the southeast.

6.1 Background

In third quarter 2006, SECOR International Inc. (SECOR) requested a review of the chromatograms for the groundwater samples collected from wells MW-1, MW-4, and MW-5 noted as atypical for gasoline (SECOR, 2006). The laboratory concluded the reported compound was PCE and not gasoline related. SECOR added PCE to the analytical suite for the periodic groundwater sampling events. In their February 28, 2007 *Offsite Assessment Report*, SECOR recommended an investigation to determine the source of the PCE (SECOR, 2007). Based on elevated PCE concentrations subsequently reported in downgradient wells MW-12B and MW-13B, and PCE in soil from the bottom of the waste oil, tank cavity in 1992, the GPP concurred with the need for an investigation in their letter dated June 25, 2009 (GPP, 2009). Delta Consultants (currently Antea Group) assumed management of the Site in September 2009 and subsequently performed the following investigative activities.

- Analyzed additional soil and groundwater samples for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride.
- Evaluated soil gas samples collected onsite and at 521 and 603 East 5th Avenue for PCE.
- Identified and assessed former and existing uses for the parcels bordering the Site.

6.2 PCE in Soil

PCE was first reported at a concentration of 0.0064 mg/kg in soil sample WO1 collected in 1992 from the bottom of the waste oil, tank cavity at approximately 8 feet bgs. All soil samples collected since 2011 with reported PCE and "daughter" product concentrations including the confirmation samples from SB-8 advanced near the location of WO1, have been from the saturated zone. The shallowest sample with a reported detection of PCE was from SB-6 at 15 feet bgs. The laboratory only reported PCE in the SB-8 samples collected at 23.5 feet and 27.5 feet bgs with a maximum concentration of 0.013 mg/kg. The "daughter" products were not reported in the samples.

6.3 PCE in Groundwater

Laboratories reported concentrations of PCE and chlorinated solvent degradation products in groundwater samples from all active site wells except MW-25 and borings SP-7, SB-1, SB-3 through SB-9, SB-11, and TW-1. Please refer to **Table 4** for a summary of historic PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride in groundwater.

With the exceptions of the singular concentrations of benzene (first quarter 2008), and ethylbenzene, xylenes, and naphthalene (second quarter 2012) in samples from MW-7, only PCE, chlorinated solvent degradation products, and GRO have been reported in wells MW-23, MW-7, and MW-15B located southwest and southeast of the Site USTs (**Table 2** and **Table 4**). Laboratories qualified the GRO results in 10 of the 15 samples from MW-7, seven of the 11 samples from MW-15B, and three of the 6 samples from MW-23 as having chromatograms atypical of gasoline, primary compounds not found in typical gasoline, or the presence of PCE and its daughter products.

6.4 PCE in Vapor

In 2013, 2014, and 2015, Antea Group collected soil gas samples from onsite vapor wells VP-1 and VP-3 and offsite sub-slab probes SS-1 through SS-4. Please refer to **Table 7** for a summary of historic soil gas concentrations. Reported concentrations of gasoline related compounds were below the LTC Policy thresholds and the February 2016 (version 3) SFBRWQCB Environmental Screening Levels (ESLs) in all samples. Only PCE concentrations exceeded the ESL with a maximum concentration of 2,200 micrograms per cubic meter (µg/m3) reported in a sub-slab sample from SS-1 located at 521 East Fifth Avenue, which borders the Site on the southeast.

6.5 Upgradient Source

Antea Group identified five current or former dry cleaning facilities upgradient of the Site (Antea Group, 2014).

- Family Cleaners at 412 East Third Avenue, approximately 550 feet west-northwest of Site
- Wardrobe Cleaners at 335 East Fourth Avenue, approximately 560 feet west-southwest of the Site
- Blue Ribbon Cleaners at 306 East Fifth Avenue, approximately 800 feet southwest of the Site
- San Mateo Cleaners at 507 South B Street, approximately 850 feet southwest of the Site
- Bluesky Cleaners at 200 East Second Avenue, approximately 1,300 feet west of Site

Based on relatively consistent PCE concentrations in upgradient and downgradient Site wells and the layout and flow direction of sanitary sewer lines, the GPP concurred in their letter dated October 29, 2014 that the PCE in groundwater beneath the Site and vicinity likely originated from Wardrobe Cleaners upgradient (GPP, 2014). The GPP also stated they would not require the responsible party for the fuel release at the Site to perform additional investigation of the PCE release.

In September 2003, the Department of Toxic Substances Control (DTSC) completed a Site Screening Form for Wardrobe Cleaners. On the form, the DTSC notes dry cleaning operations began at the site in 1995. However, an old newspaper page from the San Mateo Times indicates Wardrobe Cleaners began operation on the corner at

333 East Fourth Street in 1954. In the 2003 summary, the DTSC confirmed the original construction at the site (completed and occupied by 1939) included bare dirt floors, and that the floor slab was only completed within the 20 years prior to 2003. Based on their screening, the DTSC recommended a Preliminary Endangerment Assessment to identify a potential release. On April 15, 2005, the DTSC issued a No Action Determination for the site.

6.6 Current PCE Status

On July 26, 2016, the GPP issued letters to three dry cleaners requesting information about their solvent use in relation to the PCE and breakdown products beneath the Site and immediate vicinity.

- Former Quality Cleaners at 508 East Third Avenue (GPP, 2016a)
- Family Cleaners at 412 East Third Avenue (GPP, 2016b)
- New A-1 Cleaners at 17 East Fourth Avenue (GPP, 2016c)

The GPP indicated in the letters that the PCE and breakdown product concentrations in soil and groundwater collected from Wardrobe Cleaners and the property at 330 South Claremont Street did not definitively identify either site as the origin of the solvent contamination.

7.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) of the Site and surrounding area (stratigraphy, hydrogeology, contaminant source, nature, and extent) has been described in historical documents and previous sections and subsections of this document: (Sections 2.0, 3.0, and 5.0). The soil borings and monitoring well details (**Table 1**), boring logs (**Appendix C**), and cross sections (**Figures 3A** and **3B**) provided most of the data used for the interpretation of the CSM.

The cross-sections developed from the boring logs in **Appendix C** illustrate the heterogeneity of the soil, which has resulted in vertically connected, semi-continuous water bearing horizons. Fuel hydrocarbons released from the former gasoline USTs has migrated east in groundwater flowing through coarser grained sediments consistent with the braided stream system of an alluvial fan. Data and trend analyses discussed in **Section 5.0** indicate the plume has reached its maximum extent and is stable to decreasing.

8.0 LTC POLICY STATUS SUMMARY

As previously referenced, the SWRCB promulgated Resolution No. 2012-0016, also referred to as the LTC Policy, to assist responsible parties in evaluating if a given candidate site qualifies for a low-risk closure designation. A review of the Site in reference to the LTC Policy criteria indicates the following:

8.1 General Criteria

The following provides a summary of the status of the 11 criterions general LTC criteria based on the information presented in previous sections of this document.

8.1.1 Public Water Supply

California Water Service Company (CWSC) supplies drinking water to the City of San Mateo. According to the 2011 *Urban Water Management Plan*, CWSC purchases all water for the City of San Mateo from the San Francisco Public Utilities Commission (CWSC, 2011). In accordance with SWRCB Resolution No. 88-63 (as revised by Resolution No. 2006-0008) entitled *Sources of Drinking Water,* the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) designates the water in the San Mateo Plain Sub-basin as having existing beneficial uses. The existing uses listed in their 2015 *San Francisco Bay Basin (Region 2) Water Quality Control Plan (Basin Plan)* include municipal, domestic, and industrial process and service supply (SFBRWQCB, 2015). The plan lists agricultural supply as a potential beneficial use.

Resolution No. 88-63 states "All surface and ground waters of the State are considered to be suitable, or potentially suitable, for municipal or domestic water supply and should be designated by the Regional Boards…" followed by a list of exceptions. Exemption 1.b. indicates surface or groundwater should not be considered a drinking water source if "There is contamination, either by natural processes or human activity (unrelated to a specific pollution incident), that cannot reasonably be treated for domestic use using either Best Management Practices or best economically achievable treatment practices…."

The presence of the PCE could define subsurface water in the Site area as "poor quality" under Resolution No. 88-63. In addition, installing new groundwater production wells in the future is unlikely due to the limited capacity of the water-bearing material making viable production well installations economically infeasible (CWSC, 2011).

8.1.2 Unauthorized Release Consists Only of Petroleum Hydrocarbons

Permitted storage at the site only consists of gasoline, waste oil, and relatively small quantities of chemicals used in the automobile service facility.

8.1.3 Unauthorized Release Has Been Stopped

As outlined in **Section 2.2**, ConocoPhillips removed and replaced the entire fueling system in 1992 including the USTs, dispensers, and piping.

8.1.4 Free Product Removal

Free product was only present in the gasoline UST cavity in 1992 (KEI, 1992). Approximately 5,800 gallons of product and water were removed from the tank cavity. Free product has not been reported in any of the monitoring wells or borings for the Site (**Table 2**).

8.1.5 Conceptual Site Model

The CSM of the Site and surrounding area (stratigraphy, hydrogeology, contaminant source, nature, and extent) has been described in historical documents and previous sections and subsections of this document (Sections 2.0, 3.0, and 5.0).

8.1.6 Secondary Source Removal

During removal of the fueling infrastructure in August 1992, the eastern end of the gasoline UST cavity bordering South Delaware Street was over-excavated. Approximately 900 cubic yards of soil were removed from the site (KEI, 1992c). In addition, approximately 5,800 gallons of groundwater and product were pumped from the gasoline UST cavity.

8.1.7 MTBE in Soil and Groundwater

Both soil and groundwater have been tested for MTBE and the results were reported in accordance with the Health and Safety Code section 25296.15. Results of the soil and groundwater testing were reported in the associated site assessment reports, the periodic monitoring and sampling reports uploaded to the California State Water Resources Control Board Geotracker database.

8.1.8 Nuisance Does Not Exist at the Site

A nuisance, as defined by Water Code Section 13050-13051 meets each of the following criteria:

- Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property;
- Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal, and;
- Occurs during, or because of, the treatment or disposal of wastes.

No nuisance conditions exist at the Site.

8.2 Media-Specific Criteria

8.2.1 Groundwater

Antea Group considers the Site to meet Class 2 of groundwater-specific criteria in the LTC Policy for the following reasons:

- Fuel hydrocarbon constituent concentrations are defined by the existing well network to WQOs and demonstrate stable to decreasing trends (SWRCB, 2012).
- Based on the data collected in third quarter 2016, the maximum estimated lateral extents of dissolved-phase GRO and dissolved-phase benzene measured from the primary source area are approximately 350 feet and 245 feet, respectively (**Figures 8 and 9**). Since 2014, only subsurface water samples from wells MW-6, MW-13B, and MW-18 located onsite near the source area have consistently reported MTBE

at concentrations greater than the laboratory reporting limits (**Figure 7B**). Benzene has the greatest toxicity of the soluble fuel hydrocarbon constituents, and the maximum estimated plume length associated with the site is less than the Class 2 criteria of 250 feet. The maximum estimated GRO/TPHg plume length is greater than 250 feet; however, the length is less than the 90th percentile plume length of 413 feet determined by Shih et.al. in their 2004, peer-reviewed study of plume lengths at 500 California UST sites used to establish the LTC criteria as described in the *Technical Justification for Groundwater Media-Specific Criteria* (SWRCB, 2102b). The 2012 Technical Justification also notes that the LTC Policy does not set criteria for GRO/TPHg, which represents dissolved hydrocarbons that pose little risk to human health or groundwater quality (SWRCB, 2012b).

- No free product is present in the wells associated with the Site (**Table 2**).
- Although private irrigation wells are located within 1,000 feet of the estimated plume boundary, no municipal water supply wells or surface bodies of water are located within 1,000 feet (**Section 4.0**). Furthermore, the studies cited in the 2012 Technical Justification including the study by Shih et.al. indicate "…a total separation distance from the source area to the receptor of about 500 feet should be protective for 90% of plumes from UST sites…" The closest potential irrigation well to the site is approximately 675 feet from the source area. The Class 2 receptor distance represents "…an additional 400% plume length safety factor…" In addition, the limited capacity of the water-bearing materials in the Site area makes viable water production wells unlikely and the presence of the PCE (**Section 6.0**) makes groundwater in the area "poor quality" under Resolution No. 88-63 (SWRCB, 1988).
- The dissolved-phase benzene and MTBE concentrations reported in the wells of the monitoring network are less than the LTC Policy thresholds for Class 2. The dissolved-phase benzene concentrations reported in all the wells of the monitoring network have been less than 3,000 µg/L since at least 2013. The dissolved-phase MTBE concentrations in the wells of the monitoring network have been less than 1,000 µg/L since 2014 (**Table 2 and Figures 7A and 7B**).

8.2.2 Petroleum Vapor Intrusion to Indoor Air

The exception for an active commercial petroleum fueling facility applies to the Site. The primary vapor risk in the site vicinity is from the chlorinated solvents (**Section 6.0**). **Table 7** provides a summary of soil vapor data collected for the Site.

8.2.3 Direct Contact and Outdoor Air Exposure

Under the LTC Policy, assessment of Direct Contact/Outdoor Air Exposure risk within the footprint of the Site is based on the residual impact of benzene, ethylbenzene, and naphthalene in subsurface soil between the ground surface and 10 feet bgs. Since the Site is an active, commercial fuel dispensing facility, Antea Group evaluated the Site using the Commercial/Industrial and Utility Worker's scenarios. The LTC Policy criteria are summarized the following table:

COC	Commercial/Industrial Scenario		Utility Worker Scenario
	Surface to 5-feet bgs	5 to 10 feet bgs	Surface to 10-feet bgs
Benzene	8.2 mg/kg	12 mg/kg	14 mg/kg
Ethylbenzene	89 mg/kg	134 mg/kg	314 mg/kg
Naphthalene	45 mg/kg	45 mg/kg	219 mg/kg

Figure 6 shows all soil samples collected for the Site between the surface and 10 feet bgs. Only two locations (MW-3 and MW-2) produced soil with analytical results above the laboratory reporting limits for the LTC Policy constituents of concern. In both locations, the results were below the LTC Policy maximum allowable concentrations for the Commercial/Industrial and Utility Worker's scenarios. **Tables 5 and 6** provide a tabular summary of the laboratory results from subsurface soil investigations completed at the Site.

Additionally, Antea Group performed a statistical evaluation to evaluate the likelihood of encountering the three constituents of concern at concentrations exceeding the LTC Policy thresholds in future Commercial/Industrial and Utility Worker scenarios. Antea Group entered the laboratory data for soil collected between the surface and 10 feet bgs into Minitab statistical software Version 17.3.1 to calculate average exposure concentrations within the Site boundaries (March, 2016). Typically in performing this type of analysis, a 95 percent upper confidence level (95% UCL) average concentration is routinely used in risk assessments in California, and is recommended in the 2012 Leaking Underground Storage Tank (LUFT) Guidance Manual (SWRCB, 2012). The following key elements were calculated using statistical analysis:

- The mean concentration for Benzene is 0.004790 mg/kg with a standard deviation of 0.001760 mg/kg.
- The mean concentration for Ethylbenzene is 0.004830 mg/kg with a standard deviation of 0.001941 mg/kg.
- The mean concentration for Naphthalene is 0.005000 mg/kg with a standard deviation of 0.000000 mg/kg.

The following key elements were calculated using the Kaplan-Meier (KM) method:

- The mean concentration for Benzene is 0.00479 mg/kg with a standard error of 0.002489 mg/kg.
- The mean concentration for Ethyl-benzene is 0.00483 mg/kg with a standard error of 0.002745 mg/kg.
- The mean concentration for Naphthalene is 0.005 mg/kg with a standard error of 0.000 mg/kg.

The 95% UCL was calculated using the mean and standard deviation values for each COC. Note that the 95% UCL concentration is a value that has a 5% probability of exceedance. This means that there is 95% confidence that the true distribution of the sampling data has a population mean less than or equal to the calculated UCL. The Minitab software calculated the UCL using the Kaplan-Meier statistical method and suggested use of the following 95% UCL values:

- Benzene - 0.0051994 mg/kg
- Ethylbenzene - 0.0052815 mg/kg
- Naphthalene - 0.005 mg/kg

Below are summary tables that compare the 95% UCL concentrations to the LTC concentrations for soil.

BENZENE	Feet Below Grade	LTC Conc. (mg/kg)	Max Concentration (mg/kg)	95% UCL Concentration (mg/kg)	Meets LTC Criteria
Commercial/Industrial	0-5	8.2	N/A	N/A	Yes
	5-10	12	48.00	0.0051994	
Utility Worker	0-10	14	48.00	0.0051994	

ETHYLBENZENE	Feet Below Grade	LTC Conc. (mg/kg)	Max Conc. (mg/kg)	95% UCL Concentration (mg/kg)	Meets LTC Criteria
Commercial/Industrial	0-5	89	ND	N/A	Yes
	5-10	134	180.0	0.0052815	
Utility Worker	0-10	314	180.0	0.0052815	

NAPHTHALENE	Feet Below Grade	LTC Conc. (mg/kg)	Max Conc. (mg/kg)	95% UCL Concentration (mg/kg)	Meets LTC Criteria
Commercial/Industrial	0-5	45	ND	N/A	Yes
	5-10	45	53.00	0.005	
Utility Worker	0-10	219	53.00	0.005	

The statistical analysis of the subsurface soil samples (**Figure 6**) indicates it is unlikely that benzene, ethylbenzene, or naphthalene would be encountered above the LTC Policy thresholds for the Commercial/Industrial and Utility Worker scenarios during future subsurface activities at the Site.

Appendix K contains the Minitab worksheets and the data table used for the calculations.

9.0 CLOSURE REQUEST DISCUSSION

A summary of the Site conditions relative to the LTC Policy is presented below.

General Criteria

The site meets each of the eleven criterions for the GPP to consider the Site for closure of active Case Number 110069.

Media-Specific Criteria

Groundwater: The site meets the criteria for definition, stability, and decreasing in areal extent (Section 5.3). The following describes site-specific subsurface water conditions for the aspects covered in the LTC Policy.

- The maximum estimated lateral extent of the dissolved-phase benzene plume, which has the greatest toxicity of the soluble fuel hydrocarbon constituents and presents the highest risk to human health and groundwater quality is less than 250 feet in length (**Figure 9**).
- No free product is present in the wells of the monitoring network (**Table 2**). All free product was removed during the 1992 UST excavation.
- No municipal water supply wells or surface bodies of water are located within 1,000 feet of the maximum extent of the plume (**Section 4.0**). No private irrigation wells are located within 500 feet of the source area, which should be an adequate protective distance for 90% of plumes from UST sites (**Section 8.2.1**). In addition, the limited capacity of the water-bearing materials in the Site area makes viable water production wells unlikely and the presence of the PCE (**Section 6.0**) makes groundwater in the area "poor quality" under Resolution No. 88 63 (SWRCB, 1988).
- Dissolved-phase benzene and MTBE concentrations in the wells of the monitoring network are less than 3,000 µg/L and 1,000 µg/L, respectively (**Table 2**).

Due to the proximity of potential receptors, Site conditions do not exactly match Class 2 of the groundwater-specific criterial in the LTC Policy; however, the conditions allow an adequate safety factor for 90% of plumes from UST sites. Consequently, Antea Group's believe conditions also warrant the Site be considered under Criterion 5 as a low threat to human health and safety as well as the environment.

Petroleum Vapor Intrusion to Indoor Air: The exception for an active commercial petroleum fueling facility applies to the Site.

Direct Contact and Outdoor Air Exposure: The site meets the LTC Policy MSC Table 1 DC&OAE limits as summarized in **Section 8.2.3**.

10.0 RECOMMENDATION

Considering the above, Antea Group believes current site conditions adequately meet the LTC Policy requirements posing a low threat to human health and safety and to the environment, and recommends regulatory closure for (GPP Case Number 110069).

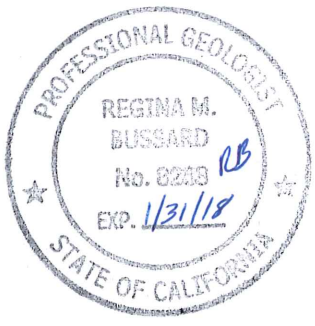
11.0 REMARKS

The findings contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea USA, Inc., the data from those reports are used "as is" and is assumed to be accurate. Antea USA, Inc. does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this document or need any additional information about the Site, please do not hesitate to contact William Patzelt at (916) 369-6481.

Sincerely,

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cc: GeoTracker (upload)

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TABLE 1
SUMMARY OF SOIL BORING AND WELL CONSTRUCTION DETAILS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	Well destroyed on 1/2/2007
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	Well destroyed on 1/2/2007
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	Well destroyed on 1/2/2007
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Well destroyed on 1/2/2007
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Well destroyed on 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Well destroyed on 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	

TABLE 1
SUMMARY OF SOIL BORING AND WELL CONSTRUCTION DETAILS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

Notes:

ft = feet

in = inches

TOC = Top of Casing

NSVD = not surveyed

bgs = below ground surface

NA = not applicable

SS = stainless steel

PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying

MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying

MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers

MW-17B - June 6, 2011 by Mid Coast Engineers

MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers

MW-20 and MW-21 - May 16, 2013 by Morrow Surveying

MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

MW-25 - February 6, 2015 by Morrow Surveying

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
W1	8/25/1992	--	--	21.00	NP	--	--	v, ff	**50,000**	**1,200**	**6,700**	**1,400**	**10,000**	--	--	--	--	--	--	--	--	--
SP-1	2/14/1996	--	--	10.50	NP	--	--	--	< 50	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--
SP-2	2/14/1996	--	--	10.50	NP	--	--	--	< 50	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--
SP-4	2/14/1996	--	--	10.50	NP	--	--	--	**450**	**71**	< 2.0	**6.7**	**17**	--	--	--	--	--	--	--	--	--
SP-5	12/15/2006	--	--	15.60	NP	--	--	--	**21000 k**	**1300 k**	**1500 k**	**1400 k**	**4000 k**	**330 k**	< 200 k	< 10 k	< 10 k	--	--	< 5000	--	--
SP-6	12/15/2006	--	--	15.00	NP	--	--	--	**38000 k**	< 10 k	< 10 k	**570 k**	**660 k**	< 10 k	< 200 k	< 10 k	< 10 k	--	--	< 5000	--	--
SP-7	12/15/2006	--	--	32.00	NP	--	--	--	< 50 k	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 10	< 0.50	< 0.50	--	--	< 250	--	--
SP-8	12/15/2006	--	--	15.20	NP	--	--	--	**51000 k**	**110 k**	**100 k**	**3000 k**	**9600 k**	< 10 k	< 20 k	< 10 k	< 10 k	--	--	< 5000	--	--
SB-1	5/18/2011	--	--	16.25	NP	--	--	--	**111**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	--	--	< 25	--	--
SB-3	5/18/2011	--	--	20.25	NP	--	--	--	< 50	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	--	--	< 25	--	--
SB-4	5/18/2011	--	--	14.50	NP	--	--	--	< 50	**0.54**	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	--	--	< 25	--	--
SB-5	5/18/2011	--	--	--	--	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-6	6/7/2011	--	--	21.00	NP	--	--	--	**45,800**	**40.5**	**1,230**	**1,420**	**7,430**	**1.5**	< 5.0	< 0.50	< 1.0	--	--	< 25	--	--
SB-7	5/18/2011	--	--	14.20	NP	--	--	--	**166,000**	**2,790**	**15,600**	**4,080**	**21,000**	**1,160**	**2,950**	**2**	< 1.0	--	--	< 25	--	--
SB-8	5/17/2012	--	--	14.50	NP	--	--	--	**330 cc**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 0.50	--	--	--	--	--
SB-9	4/12/2012	--	--	15.80	NP	--	--	--	**90,000**	**1,100**	**6,500**	**4,400**	**21,000**	< 40 k	< 200 k	< 40 k	< 40 k	--	--	< 400 k	--	--
SB-11	3/15/2013	--	--	31.00	NP	--	--	--	**15 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	**42**	< 0.50	--
MW-1	6/15/1994	14.87	◊	15.42	NP	--	-0.55	--	< 50	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--
MW-1	9/26/1994	14.87	◊	17.80	NP	--	-2.93	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--
MW-1	10/20/1994	14.87	◊	17.90	NP	--	-3.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	11/18/1994	14.87	◊	15.42	NP	--	-0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	12/12/1994	14.87	◊	14.84	NP	--	0.03	--	**58**	< 0.50	< 0.50	**0.99**	**4.2**	--	--	--	--	--	--	--	--	--
MW-1	1/24/1995	14.87	◊	10.00	NP	--	4.87	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-1	2/24/1995	14.87	◊	11.50	NP	--	3.37	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-1	4/7/1995	14.87	◊	9.20	NP	--	5.67	--	< 50	< 0.50	< 0.50	< 0.50	**0.83**	--	--	--	--	--	--	--	--	--
MW-1	5/31/1995	14.87	◊	12.70	NP	--	2.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/24/1995	14.87	◊	13.81	NP	--	1.06	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--
MW-1	7/25/1995	14.87	◊	15.17	NP	--	-0.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	9/8/1995	14.87	◊	16.70	NP	--	-1.83	a	< 50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--
MW-1	12/8/1995	14.87	◊	17.96	NP	--	-3.09	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--	--
MW-1	3/8/1996	14.87	◊	7.85	NP	--	7.02	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 40	--	--	--	--	--	--	--	--
MW-1	5/29/1996	14.87	◊	13.27	NP	--	1.60	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 40	--	--	--	--	--	--	--	--
MW-1	8/27/1996	14.87	◊	16.61	NP	--	-1.74	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 40	--	--	--	--	--	--	--	--
MW-1	11/18/1996	14.87	◊	17.01	NP	--	-2.14	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	2/20/1997	14.87	◊	8.96	NP	--	5.91	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	5/27/1997	14.87	◊	15.37	NP	--	-0.50	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	8/26/1997	14.87	◊	17.01	NP	--	-2.14	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	11/25/1997	14.87	◊	16.50	NP	--	-1.63	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	2/13/1998	14.87	◊	6.07	NP	--	8.80	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	5/21/1998	14.87	◊	11.76	NP	--	3.11	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	8/17/1998	14.87	◊	15.15	NP	--	-0.28	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	11/19/1998	14.87	◊	16.13	NP	--	-1.26	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	2/15/1999	14.87	◊	10.94	NP	--	3.93	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	5/13/1999	14.87	◊	12.70	NP	--	2.17	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	8/10/1999	14.87	◊	15.39	NP	--	-0.52	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	11/9/1999	14.87	◊	16.28	NP	--	-1.41	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	2/14/2000	14.87	◊	10.38	NP	--	4.49	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	5/18/2000	14.87	◊	13.62	NP	--	1.25	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-1	8/9/2000	14.87	◊	16.43	NP	--	-1.56	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	11/8/2000	14.87	◊	16.20	NP	--	-1.33	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	2/14/2001	14.87	◊	13.34	NP	--	1.53	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	8/15/2001	14.87	◊	16.63	NP	--	-1.76	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	2/13/2002	14.87	◊	12.46	NP	--	2.41	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	8/26/2002	14.87	◊	16.26	NP	--	-1.39	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-1	2/18/2003	14.87	◊	12.09	NP	--	2.78	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	--	--	--	--	--	--	--	--
MW-1	8/21/2003	14.87	◊	15.25	NP	--	-0.38	--	**63**	< 0.50	< 0.50	< 0.50	< 1.0	< 2.0	--	--	--	--	--	--	--	--
MW-1	3/30/2004	14.87	◊	12.05	NP	--	2.82	--	**81**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-1	8/18/2004	14.87	◊	16.04	NP	--	-1.17	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-1	3/10/2005	19.46	†	9.66	NP	--	9.80	--	**84 j**	**1.7**	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-1	8/11/2005	19.46	†	15.07	NP	--	4.39	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-1	3/1/2006	19.46	†	11.94	NP	--	7.52	--	**94**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-1	8/2/2006	19.46	†	15.08	NP	--	4.38	--	**69 n,p**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-1	1/2/2007	19.46	†	--	--	--	--	WD	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-2	6/15/1994	14.50	◊	15.33	NP	--	-0.83	--	**89,000**	**11,000**	**37,000**	**3,000**	**20,000**	--	--	--	--	--	--	--	--	--
MW-2	9/26/1994	14.50	◊	17.62	NP	--	-3.12	--	**52,000**	**4,600**	**12,000**	**1,000**	**6,400**	--	--	--	--	--	--	--	--	--

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-2	10/20/1994	14.50	◊	17.73	NP	--	-3.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/18/1994	14.50	◊	15.24	NP	--	-0.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/12/1994	14.50	◊	14.74	NP	--	-0.24	--	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--
MW-2	1/24/1995	14.50	◊	9.86	NP	--	4.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/24/1995	14.50	◊	11.42	NP	--	3.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/7/1995	14.50	◊	9.11	NP	--	5.39	--	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--
MW-2	5/31/1995	14.50	◊	12.63	NP	--	1.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/24/1995	14.50	◊	13.75	NP	--	0.75	--	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--
MW-2	7/25/1995	14.50	◊	15.08	NP	--	-0.58	a	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/8/1995	14.50	◊	16.54	NP	--	-2.04	b	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--
MW-2	12/8/1995	14.50	◊	17.80	NP	--	-3.30	--	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--
MW-2	3/8/1996	14.50	◊	7.74	NP	--	6.76	--	10,000	2,400	2,000	530	2,900	3,500	--	--	--	--	--	--	--	--
MW-2	5/29/1996	14.50	◊	13.23	NP	--	1.27	--	120,000	10,000	39,000	3,100	19,000	9,900	--	--	--	--	--	--	--	--
MW-2	8/27/1996	14.50	◊	16.50	NP	--	-2.00	--	340,000	1,000	42,000	3,800	22,000	5,300	--	--	--	--	--	--	--	--
MW-2	11/18/1996	14.50	◊	16.90	NP	--	-2.40	--	32,000	2,500	7,200	760	4,000	4,400	--	--	--	--	--	--	--	--
MW-2	2/20/1997	14.50	◊	8.61	NP	--	5.89	--	< 250	76	3.1	< 2.5	13	1,200	--	--	--	--	--	--	--	--
MW-2	5/27/1997	14.50	◊	15.03	NP	--	-0.53	--	39,000	3,700	11,000	1,200	6,700	4,200	--	--	--	--	--	--	--	--
MW-2	8/26/1997	14.50	◊	16.89	NP	--	-2.39	--	69,000	7,200	20,000	2,900	17,000	4,500	--	--	--	--	--	--	--	--
MW-2	11/25/1997	14.50	◊	15.96	NP	--	-1.46	--	110,000	5,800	21,000	3,400	20,000	3,400	--	--	--	--	--	--	--	--
MW-2	2/13/1998	14.50	◊	5.75	NP	--	8.75	--	10,000	850	510	170	2,000	630	--	--	--	--	--	--	--	--
MW-2	5/21/1998	14.50	◊	11.78	NP	--	2.72	--	38,000	3,300	6,700	1,200	5,800	2,200	--	--	--	--	--	--	--	--
MW-2	8/17/1998	14.50	◊	15.20	NP	--	-0.70	--	79,000 e	6,100	12,000	3,000	17,000	3,700	--	--	--	--	--	--	--	--
MW-2	11/19/1998	14.50	◊	16.05	NP	--	-1.55	--	430	27	20	23	120	17	--	--	--	--	--	--	--	--
MW-2	2/15/1999	14.50	◊	10.88	NP	--	3.62	--	7,600	900	170	340	1,500	800	--	--	--	--	--	--	--	--
MW-2	5/13/1999	14.50	◊	12.59	NP	--	1.91	--	53,000	4,100	7,900	2,200	12,000	1,800	--	--	--	--	--	--	--	--
MW-2	8/10/1999	14.50	◊	15.35	NP	--	-0.85	--	59,000	3,300	5,300	2,600	17,000	1,700	--	--	--	--	--	--	--	--
MW-2	11/9/1999	14.50	◊	16.20	NP	--	-1.70	--	29,900	2,070	1,530	1,610	5,820	1,300	--	--	--	--	--	--	--	--
MW-2	2/14/2000	14.50	◊	10.25	NP	--	4.25	--	6,460	716	140	478	942	636	--	--	--	--	--	--	--	--
MW-2	5/18/2000	14.50	◊	13.51	NP	--	0.99	--	27,400	1,830	3,400	1,500	6,160	1,230 h	--	--	--	--	--	--	--	--
MW-2	8/9/2000	14.50	◊	16.28	NP	--	-1.78	--	36,900	2,400	450	2,060	9,510	1,220	--	--	--	--	--	--	--	--
MW-2	11/8/2000	14.50	◊	16.08	NP	--	-1.58	--	50,300	3,110	2,960	2,550	12,000	872	--	--	--	--	--	--	--	--
MW-2	2/14/2001	14.50	◊	13.18	NP	--	1.32	--	8,090	700	55.9	630	597	841	--	--	--	--	--	--	--	--
MW-2	8/15/2001	14.50	◊	16.65	NP	--	-2.15	--	13,000	1,500	910	1,300	1,300	910	--	--	--	--	--	--	--	--
MW-2	2/13/2002	14.50	◊	12.38	NP	--	2.12	--	23,000	1,600	2,400	1,500	4,200	640	--	--	--	--	--	--	--	--
MW-2	8/26/2002	14.50	◊	16.17	NP	--	-1.67	--	32,000 k	1,600 k	900 k	2,100 k	6,300 k	< 250 k	--	--	--	--	--	--	--	--
MW-2	2/18/2003	14.50	◊	12.01	NP	--	2.49	--	600	93	13	3.4	46	98	--	--	--	--	--	--	--	--
MW-2	8/21/2003	14.50	◊	15.23	NP	--	-0.73	--	25,000	1,300	330	1,400	5,400	460	--	--	--	--	--	--	--	--
MW-2	3/30/2004	14.50	◊	11.18	NP	--	3.32	--	9,800	790	800	1,000	1,900	400	--	--	--	--	--	--	--	--
MW-2	8/18/2004	14.50	◊	16.00	NP	--	-1.50	--	14,000	1,100	150	2,000	2,000	600	--	--	--	--	--	--	--	--
MW-2	3/10/2005	19.11	†	9.53	NP	--	9.58	--	160	16	14	9.7	14	34	--	--	--	--	--	--	--	--
MW-2	8/11/2005	19.11	†	15.03	NP	--	4.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/30/2005	19.11	†	--	--	--	--	NG	3,400	370	23	750	220	220	--	--	--	--	--	--	--	--
MW-2	3/2/2006	19.11	†	11.89	NP	--	7.22	--	4,100	240	85	160	420	140	--	--	--	--	--	--	--	--
MW-2	8/2/2006	19.11	†	14.99	NP	--	4.12	--	5,800 k	380 k	12 k	840 k	370 k	130 k	--	--	--	--	--	--	--	--
MW-2	1/2/2007	19.11	†	--	--	--	--	WD	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/15/1994	16.07	◊	16.71	NP	--	-0.64	--	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--
MW-3	9/26/1994	16.07	◊	19.06	NP	--	-2.99	--	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--
MW-3	10/20/1994	16.07	◊	19.17	NP	--	-3.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/18/1994	16.07	◊	16.66	NP	--	-0.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/12/1994	16.07	◊	16.12	NP	--	-0.05	--	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--
MW-3	1/24/1995	16.07	◊	11.28	NP	--	4.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/24/1995	16.07	◊	12.78	NP	--	3.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	4/7/1995	16.07	◊	10.47	NP	--	5.60	--	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--
MW-3	5/31/1995	16.07	◊	13.90	NP	--	2.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/24/1995	16.07	◊	15.07	NP	--	1.00	--	380	180	7.3	< 2.5	21	--	--	--	--	--	--	--	--	--
MW-3	7/25/1995	16.07	◊	16.45	NP	--	-0.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/8/1995	16.07	◊	17.95	NP	--	-1.88	a	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--
MW-3	12/8/1995	16.07	◊	19.25	NP	--	-3.18	b	350	51	43	11	36	--	--	--	--	--	--	--	--	--
MW-3	3/8/1996	16.07	◊	9.15	NP	--	6.92	--	3,200	1,300	99	68	240	1,700	--	--	--	--	--	--	--	--
MW-3	5/29/1996	16.07	◊	14.58	NP	--	1.49	--	1,300	350	120	42	120	1,300	--	--	--	--	--	--	--	--
MW-3	8/27/1996	16.07	◊	17.90	NP	--	-1.83	--	14,000	650	210	82	250	1,200	--	--	--	--	--	--	--	--
MW-3	11/18/1996	16.07	◊	18.19	NP	--	-2.12	--	1,700	440	90	21	150	1,600	--	--	--	--	--	--	--	--
MW-3	2/20/1997	16.07	◊	9.42	NP	--	6.65	--	< 50	1.3	< 0.50	< 0.50	< 0.50	200	--	--	--	--	--	--	--	--
MW-3	5/27/1997	16.07	◊	16.67	NP	--	-0.60	--	12,000	1,700	1,000	520	2,900	2,400	--	--	--	--	--	--	--	--
MW-3	8/26/1997	16.07	◊	18.32	NP	--	-2.25	--	6,400	1,800	100	430	1,300	2,400	--	--	--	--	--	--	--	--
MW-3	11/25/1997	16.07	◊	17.40	NP	--	-1.33	--	7,800	2,000	190	420	750	2,700	--	--	--	--	--	--	--	--
MW-3	2/13/1998	16.07	◊	6.55	NP	--	9.52	--	3,900	1,000	< 25	180	150	1,700	--	--	--	--	--	--	--	--

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-3	5/21/1998	16.07	◊	13.11	NP	--	2.96	--	**320**	**180**	< 2.0	< 2.0	**3.5**	**490**	--	--	--	--	--	--	--	--
MW-3	8/17/1998	16.07	◊	16.51	NP	--	-0.44	--	**115 d**	**25**	**0.99**	**7.3**	**10**	**18**	--	--	--	--	--	--	--	--
MW-3	11/19/1998	16.07	◊	17.47	NP	--	-1.40	--	**4,600**	**1,500**	< 12	**430**	**190**	**1,800**	--	--	--	--	--	--	--	--
MW-3	2/15/1999	16.07	◊	12.35	NP	--	3.72	--	**2,400**	**910**	**6.5**	**200**	**110**	**1,200**	--	--	--	--	--	--	--	--
MW-3	5/13/1999	16.07	◊	13.96	NP	--	2.11	--	**1,900**	**640**	< 5.0	**48**	**77**	**1,100**	--	--	--	--	--	--	--	--
MW-3	8/10/1999	16.07	◊	16.08	NP	--	-0.01	--	**14,000**	**2,600**	< 50	**680**	**2,000**	**2,000**	--	--	--	--	--	--	--	--
MW-3	11/9/1999	16.07	◊	17.60	NP	--	-1.53	--	**5,060**	**1,330**	< 20	**292**	**282**	**1,440**	--	--	--	--	--	--	--	--
MW-3	2/14/2000	16.07	◊	11.64	NP	--	4.43	--	**4,400**	**1,140**	**64.2**	**346**	**338**	**946**	--	--	--	--	--	--	--	--
MW-3	5/18/2000	16.07	◊	14.89	NP	--	1.18	--	**2,770**	**884**	< 10	**140**	**109**	**735**	--	--	--	--	--	--	--	--
MW-3	8/9/2000	16.07	◊	17.71	NP	--	-1.64	--	**23,600**	**2,790**	**2,470**	**1,470**	**4,230**	**1,130**	--	--	--	--	--	--	--	--
MW-3	11/8/2000	16.07	◊	17.51	NP	--	-1.44	--	**62,100**	**3,480**	**16,000**	**2,120**	**9,460**	**540**	--	--	--	--	--	--	--	--
MW-3	2/14/2001	16.07	◊	14.58	NP	--	1.49	--	**32,800**	**2,540**	**2,660**	**2,460**	**7,740**	**320**	--	--	--	--	--	--	--	--
MW-3	8/15/2001	16.07	◊	17.95	NP	--	-1.88	--	**7,700**	**1,000**	< 20	**830**	**1,500**	**660**	--	--	--	--	--	--	--	--
MW-3	2/13/2002	16.07	◊	13.72	NP	--	2.35	--	**2,300**	**340**	**20**	**170**	**200**	**110**	--	--	--	--	--	--	--	--
MW-3	8/26/2002	16.07	◊	17.61	NP	--	-1.54	--	**5900 k**	**960 k**	< 25 k	**800 k**	**1000 k**	**330 k**	<1,000 k	<20 k	20 k	--	--	< 5000	--	--
MW-3	2/18/2003	16.07	◊	13.32	NP	--	2.75	--	**770**	**160**	**37**	**9.7**	**70**	**46**	--	--	--	--	--	--	--	--
MW-3	8/21/2003	16.07	◊	16.70	NP	--	-0.63	--	**18,000**	**1,100**	**260**	**1,100**	**4,000**	**370**	--	--	--	--	--	--	--	--
MW-3	3/30/2004	16.07	◊	13.35	NP	--	2.72	--	**720**	**140**	< 1.0	**6**	**14**	**47**	--	--	--	--	--	--	--	--
MW-3	8/18/2004	16.07	◊	17.43	NP	--	-1.36	--	**3,500**	**740**	< 2.5	**25**	**15**	**150**	--	--	--	--	--	--	--	--
MW-3	3/10/2005	20.69	†	10.89	NP	--	9.80	--	**130**	**43**	**1**	**1**	**6.2**	**19**	--	--	--	--	--	--	--	--
MW-3	8/11/2005	20.69	†	16.44	NP	--	4.25	--	**1,900**	**260**	**6.1**	**12**	**26**	**140**	--	--	--	--	--	--	--	--
MW-3	3/1/2006	20.69	†	13.29	NP	--	7.40	--	**2,100**	**330**	**3.6**	**14**	**58**	**120**	--	--	--	--	--	--	--	--
MW-3	8/2/2006	20.69	†	16.37	NP	--	4.32	--	**2,100**	**230**	**11**	**44**	**240**	**85**	--	--	--	--	--	--	--	--
MW-3	1/2/2007	20.69	†	--	--	--	--	WD	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	4/7/1995	14.38	◊	9.15	NP	--	5.23	--	**150,000**	**12,000**	**40,000**	**4,700**	**31,000**	--	--	--	--	--	--	--	--	--
MW-4	5/31/1995	14.38	◊	12.72	NP	--	1.66	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	6/24/1995	14.38	◊	13.83	NP	--	0.55	--	**900**	**70**	**10**	< 2.5	**70**	--	--	--	--	--	--	--	--	--
MW-4	7/25/1995	14.38	◊	15.15	NP	--	-0.77	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	9/8/1995	14.38	◊	16.51	NP	--	-2.13	a	**120,000**	**11,000**	**37,000**	**3,300**	**18,000**	--	--	--	--	--	--	--	--	--
MW-4	12/8/1995	14.38	◊	17.82	NP	--	-3.44	b	**11,000**	**680**	**1,400**	**350**	**1,300**	--	--	--	--	--	--	--	--	--
MW-4	3/8/1996	14.38	◊	7.88	NP	--	6.50	--	**44,000**	**3,400**	**11,000**	**1,300**	**7,200**	**1,700**	--	--	--	--	--	--	--	--
MW-4	5/29/1996	14.38	◊	13.30	NP	--	1.08	--	**100,000**	**5,100**	**28,000**	**3,200**	**19,000**	**4,000**	--	--	--	--	--	--	--	--
MW-4	8/27/1996	14.38	◊	16.65	NP	--	-2.27	--	**41,000**	**2,200**	**3,300**	**780**	**4,000**	**500**	--	--	--	--	--	--	--	--
MW-4	11/18/1996	14.38	◊	17.05	NP	--	-2.67	--	**29,000**	**2,300**	**4,000**	**1,100**	**5,600**	**3,000**	--	--	--	--	--	--	--	--
MW-4	2/20/1997	14.38	◊	8.73	NP	--	5.65	--	< 250	**65**	**3.7**	< 2.5	**15**	**1,100**	--	--	--	--	--	--	--	--
MW-4	5/27/1997	14.38	◊	15.17	NP	--	-0.79	--	**5,500**	**690**	**460**	**200**	**1,600**	**290**	--	--	--	--	--	--	--	--
MW-4	8/26/1997	14.38	◊	16.91	NP	--	-2.53	--	**21,000**	**1,600**	**3,000**	**1,000**	**5,400**	**530**	--	--	--	--	--	--	--	--
MW-4	11/25/1997	14.38	◊	15.87	NP	--	-1.49	--	**24,000**	**1,000**	**2,300**	**840**	**4,800**	**250**	--	--	--	--	--	--	--	--
MW-4	2/13/1998	14.38	◊	5.80	NP	--	8.58	--	**62 d**	< 0.50	< 0.50	< 0.50	< 0.50	**3.4**	--	--	--	--	--	--	--	--
MW-4	5/21/1998	14.38	◊	11.86	NP	--	2.52	--	**86**	**0.86**	< 0.50	< 0.50	< 0.50	**8.4**	--	--	--	--	--	--	--	--
MW-4	8/17/1998	14.38	◊	15.16	NP	--	-0.78	--	**120**	**3.1**	**6.5**	< 0.50	**18**	**6.4**	--	--	--	--	--	--	--	--
MW-4	11/19/1998	14.38	◊	16.15	NP	--	-1.77	--	**230**	**7.8**	**42**	**5.5**	**43**	< 2.5	--	--	--	--	--	--	--	--
MW-4	2/15/1999	14.38	◊	10.91	NP	--	3.47	--	**68 d**	< 0.50	< 0.50	< 0.50	< 0.50	**3.4**	--	--	--	--	--	--	--	--
MW-4	5/13/1999	14.38	◊	12.71	NP	--	1.67	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	**3**	--	--	--	--	--	--	--	--
MW-4	8/10/1999	14.38	◊	15.42	NP	--	-1.04	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-4	11/9/1999	14.38	◊	16.27	NP	--	-1.89	--	**1,320**	**38**	**211**	**50**	**228**	< 25	--	--	--	--	--	--	--	--
MW-4	2/14/2000	14.38	◊	10.19	NP	--	4.19	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-4	5/18/2000	14.38	◊	13.58	NP	--	0.80	--	**51.3**	< 0.50	< 0.50	< 0.50	< 0.50	**9.86**	--	--	--	--	--	--	--	--
MW-4	8/9/2000	14.38	◊	16.36	NP	--	-1.98	--	**534**	**8.75**	**62**	**26.3**	**131**	**2.56**	--	--	--	--	--	--	--	--
MW-4	11/8/2000	14.38	◊	16.22	NP	--	-1.84	--	**2,190**	**34**	**347**	**70.6**	**536**	< 12.5	--	--	--	--	--	--	--	--
MW-4	2/14/2001	14.38	◊	13.12	NP	--	1.26	--	**287**	**5.37**	**13.4**	**9.52**	**32.9**	**16.9**	--	--	--	--	--	--	--	--
MW-4	8/15/2001	14.38	◊	16.52	NP	--	-2.14	--	**490**	**4.2**	**48**	**20**	**140**	**2.7**	--	--	--	--	--	--	--	--
MW-4	2/13/2002	14.38	◊	12.45	NP	--	1.93	--	**58**	**2.3**	< 0.50	< 0.50	**1.6**	**21**	--	--	--	--	--	--	--	--
MW-4	8/26/2002	14.38	◊	16.24	NP	--	-1.86	--	**180 d**	**1.5**	**15**	**1.1**	**55**	< 2.5	--	--	--	--	--	--	--	--
MW-4	2/18/2003	14.38	◊	12.12	NP	--	2.26	--	**550**	**58**	**3.5**	< 0.50	**110**	**33**	--	--	--	--	--	--	--	--
MW-4	8/21/2003	14.38	◊	15.30	NP	--	-0.92	--	**120**	< 0.50	< 0.50	< 0.50	**1.2**	< 2.0	--	--	--	--	--	--	--	--
MW-4	3/30/2004	14.38	◊	12.08	NP	--	2.30	--	**220**	**0.91**	< 0.50	**1.5**	**1.3**	**24**	--	--	--	--	--	--	--	--
MW-4	8/18/2004	14.38	◊	16.17	NP	--	-1.79	--	**81**	< 0.50	< 0.50	**0.6**	**2.8**	< 0.50	--	--	--	--	--	--	--	--
MW-4	3/10/2005	19.02	†	9.59	NP	--	9.43	--	**8,600**	**290**	**360**	**560**	**1,800**	**41**	--	--	--	--	--	--	--	--
MW-4	8/11/2005	19.02	†	15.11	NP	--	3.91	--	**140**	**3.9**	**6.1**	**2.2**	**7.7**	**0.23**	--	--	--	--	--	--	--	--
MW-4	3/1/2006	19.02	†	11.91	NP	--	7.11	--	**2,800**	**70**	**37**	**200**	**370**	**43**	--	--	--	--	--	--	--	--
MW-4	8/2/2006	19.02	†	15.08	NP	--	3.94	--	**170 n,p**	< 0.50	< 0.50	< 0.50	< 0.50	**0.84**	--	--	--	--	--	--	--	--
MW-4	1/26/2007	19.02	†	14.91	NP	--	4.11	--	< 50 n, q	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-4	8/28/2007	19.02	†	16.85	NP	--	2.17	--	< 50 n, q	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-4	2/1/2008	19.02	†	10.32	NP	--	8.70	--	**1,800 k**	**52**	**5**	**7.6**	**410**	**8**	--	--	--	--	--	--	--	--
MW-4	7/3/2008	19.02	†	16.32	NP	--	2.70	--	**73**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-4	8/18/2008	19.01	†††	16.96	NP	--	2.05	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-4	1/30/2009	19.01	†††	15.48	NP	--	3.53	--	**130**	< 0.50	< 0.50	**0.92**	**2.8**	< 0.50	--	--	--	--	--	--	--	--
MW-4	7/30/2009	19.01	†††	17.00	NP	--	2.01	--	**88 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	**0.57**	--	--	--	--	--	--	--	--
MW-4	1/18/2010	19.01	†††	14.89	NP	--	4.12	--	**51.2**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	--	--	--	--	--	--	--	--
MW-4	3/30/2010	19.01	†††	12.39	NP	--	6.62	--	--	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-4	7/14/2010	19.01	†††	15.49	NP	--	3.52	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-4	1/6/2011	19.01	†††	11.83	NP	--	7.18	--	**56.4 bb**	**0.65**	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-4	2/2/2012	19.01	†††	15.73	NP	--	3.28	--	**88.7**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-4	5/30/2012	19.01	†††	14.86	NP	--	4.15	--	**60.7**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	< 1.0
MW-4	8/6/2012	19.01	†††	17.18	NP	--	1.83	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-4	2/14/2013	19.01	†††	14.43	NP	--	4.58	--	**86 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-4	7/8/2013	19.01	†††	17.17	NP	--	1.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/28/2014	19.01	†††	17.93	NP	--	1.08	--	**230 kk**	< 0.50	< 0.50	**10**	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**3.2**
MW-4	8/4/2014	19.01	†††	18.34	NP	--	0.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/26/2015	19.01	†††	13.68	NP	--	5.33	--	**63**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**1**
MW-4	8/28/2015	19.01	†††	19.02	NP	--	-0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/27/2016	19.01	†††	13.83	NP	--	5.18	--	**170**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-5	4/7/1995	14.25	◊	9.11	NP	--	5.14	--	**5,400**	**800**	**330**	**38**	**580**	--	--	--	--	--	--	--	--	--
MW-5	5/31/1995	14.25	◊	12.69	NP	--	1.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/24/1995	14.25	◊	13.80	NP	--	0.45	--	**260**	**19**	**2.5**	< 2.0	< 2.0	--	--	--	--	--	--	--	--	--
MW-5	7/25/1995	14.25	◊	15.10	NP	--	-0.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/8/1995	14.25	◊	16.51	NP	--	-2.26	a	**360**	**77**	**7.3**	**6.9**	**14**	--	--	--	--	--	--	--	--	--
MW-5	12/8/1995	14.25	◊	17.77	NP	--	-3.52	b	**200 c**	**25**	**1**	**0.52**	**1.9**	--	--	--	--	--	--	--	--	--
MW-5	3/8/1996	14.25	◊	7.79	NP	--	6.46	--	**310**	**93**	**0.95**	**0.62**	**4.1**	**2,100**	--	--	--	--	--	--	--	--
MW-5	5/29/1996	14.25	◊	13.27	NP	--	0.98	--	**180**	**9.7**	**12**	**1.7**	**8.1**	**730**	--	--	--	--	--	--	--	--
MW-5	8/27/1996	14.25	◊	16.50	NP	--	-2.25	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	**69**	--	--	--	--	--	--	--	--
MW-5	11/18/1996	14.25	◊	17.08	NP	--	-2.83	--	**91**	< 0.50	< 0.50	< 0.50	< 0.50	**26**	--	--	--	--	--	--	--	--
MW-5	2/20/1997	14.25	◊	8.78	NP	--	5.47	--	< 50	**2.3**	< 0.50	< 0.50	**0.87**	**280**	--	--	--	--	--	--	--	--
MW-5	5/27/1997	14.25	◊	15.23	NP	--	-0.98	--	**91**	< 0.50	< 0.50	< 0.50	**0.62**	**20**	--	--	--	--	--	--	--	--
MW-5	8/26/1997	14.25	◊	16.88	NP	--	-2.63	--	**81**	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-5	11/25/1997	14.25	◊	15.92	NP	--	-1.67	--	**110**	**1.4**	**1.1**	**0.55**	**3.1**	**9**	--	--	--	--	--	--	--	--
MW-5	2/12/1998	14.25	◊	5.72	NP	--	8.53	--	**100 d**	**0.53**	< 0.50	< 0.50	< 0.50	**22**	--	--	--	--	--	--	--	--
MW-5	5/21/1998	14.25	◊	11.64	NP	--	2.61	--	**120**	**1.4**	< 0.50	< 0.50	< 0.50	**73**	--	--	--	--	--	--	--	--
MW-5	8/17/1998	14.25	◊	15.12	NP	--	-0.87	--	**110**	**110**	< 0.50	< 0.50	< 0.50	**11**	--	--	--	--	--	--	--	--
MW-5	11/19/1998	14.25	◊	16.11	NP	--	-1.86	--	**100 f**	**1.2**	< 0.50	**0.5**	**0.88**	**13**	--	--	--	--	--	--	--	--
MW-5	2/15/1999	14.25	◊	10.88	NP	--	3.37	--	**110 d**	< 0.50	< 0.50	< 0.50	**8.8**	**8.8**	--	--	--	--	--	--	--	--
MW-5	5/13/1999	14.25	◊	12.67	NP	--	1.58	--	**98**	< 0.50	< 0.50	< 0.50	< 0.50	**7.1**	--	--	--	--	--	--	--	--
MW-5	8/10/1999	14.25	◊	15.40	NP	--	-1.15	--	**120 e**	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5	--	--	--	--	--	--	--	--
MW-5	11/9/1999	14.25	◊	16.22	NP	--	-1.97	--	**120 d**	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	--	--	--	--	--	--	--	--
MW-5	2/14/2000	14.25	◊	10.07	NP	--	4.18	--	**133 d**	< 0.50	< 0.50	< 0.50	< 0.50	**13.3**	--	--	--	--	--	--	--	--
MW-5	5/18/2000	14.25	◊	13.55	NP	--	0.70	--	**114 d**	< 0.50	< 0.50	< 0.50	< 0.50	**24.1**	--	--	--	--	--	--	--	--
MW-5	8/9/2000	14.25	◊	16.50	NP	--	-2.25	--	**180 i**	**0.526**	**2.09**	< 0.50	**2.19**	**7.76**	--	--	--	--	--	--	--	--
MW-5	11/8/2000	14.25	◊	16.33	NP	--	-2.08	--	**131**	< 0.50	< 0.50	< 0.50	< 0.50	**2.86**	--	--	--	--	--	--	--	--
MW-5	2/14/2001	14.25	◊	13.07	NP	--	1.18	--	**175 d**	< 0.50	**0.538**	< 0.50	**0.69**	**13.4**	--	--	--	--	--	--	--	--
MW-5	8/15/2001	14.25	◊	16.55	NP	--	-2.30	--	**390**	**3.4**	**38**	**16**	**110**	< 2.5	--	--	--	--	--	--	--	--
MW-5	2/13/2002	14.25	◊	12.42	NP	--	1.83	--	**100 d**	**1.4**	< 0.50	< 0.50	< 0.50	**10**	--	--	--	--	--	--	--	--
MW-5	8/26/2002	14.25	◊	16.21	NP	--	-1.96	--	**310**	**7.2**	**33**	**4.6**	**76**	< 2.5	--	--	--	--	--	--	--	--
MW-5	2/18/2003	14.25	◊	12.08	NP	--	2.17	--	**400**	**64**	< 1.0	< 1.0	**6.4**	**210**	--	--	--	--	--	--	--	--
MW-5	8/21/2003	14.25	◊	15.29	NP	--	-1.04	--	**310**	**3.3**	**4.3**	**1.1**	**14**	**2.1**	--	--	--	--	--	--	--	--
MW-5	3/30/2004	14.25	◊	12.01	NP	--	2.24	--	**360**	**13**	< 0.50	< 0.50	< 1.0	**73**	--	--	--	--	--	--	--	--
MW-5	8/18/2004	14.25	◊	16.04	NP	--	-1.79	--	**50,000**	**740**	**830**	**2,200**	**20,000**	**120**	--	--	--	--	--	--	--	--
MW-5	3/10/2005	18.89	†	9.48	NP	--	9.41	--	**530**	**7.8**	< 1.0	< 1.0	**2.4**	**320**	--	--	--	--	--	--	--	--
MW-5	8/11/2005	18.89	†	15.07	NP	--	3.82	--	**350**	**12**	**6.3**	**2.5**	**32**	**3.2**	--	--	--	--	--	--	--	--
MW-5	3/1/2006	18.89	†	11.82	NP	--	7.07	--	**460**	**2.8**	< 0.50	< 0.50	< 1.0	**43**	--	--	--	--	--	--	--	--
MW-5	8/2/2006	18.89	†	15.04	NP	--	3.85	--	**370 n,p**	< 0.50	< 0.50	< 0.50	< 0.50	**9.4**	--	--	--	--	--	--	--	--
MW-5	1/2/2007	18.89	†	--	--	--	--	WD	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/26/2007	19.07	††	14.79	NP	--	4.28	--	**67000 k**	**380 k**	**8600 k**	**3600 k**	**17000 k**	**62**	--	--	--	--	--	--	--	--
MW-6	8/28/2007	19.07	††	16.75	NP	--	2.32	--	**67000 k, q**	**520 k**	**6300 k**	**4600 k**	**25000 k**	**100 k**	--	--	--	--	--	--	--	--
MW-6	2/1/2008	19.07	††	10.80	NP	--	8.27	--	**69000 k**	**720k**	**5000 k**	**3100 k**	**21000 k**	**130 k**	--	--	<50 k	--	--	--	--	--
MW-6	7/3/2008	--	††	--	--	--	--	--	**86000 k**	**600 k**	**4700 k**	**4000 k**	**26000 k**	**100**	--	--	--	--	--	--	--	--
MW-6	8/18/2008	19.08	†††	16.87	NP	--	2.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/30/2009	19.08	†††	15.41	NP	--	3.67	--	**57000 k**	**1200 k**	**15000 k**	**2700 k**	**13000 k**	**110 k**	--	--	--	--	--	--	--	--
MW-6	7/30/2009	--	†††	--	--	--	--	--	**68000 k**	**1000 k**	**3600 k**	**4300 k**	**25000 k**	**210 k**	--	--	--	--	--	--	--	--
MW-6	1/18/2010	19.08	†††	14.74	NP	--	4.34	--	**54,900**	**2,020**	**8,090**	**3,340**	**17,700**	**171**	--	--	--	--	--	--	--	--
MW-6	3/30/2010	19.08	†††	12.31	NP	--	6.77	--	--	--	--	--	**27,600**	--	**31**	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-6	7/14/2010	19.08	†††	15.38	NP	--	3.70	--	**107,000**	**1,410**	**3,240**	**4,090**	**17,900**	**142**	**134**	**0.54**	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-6	1/6/2011	19.08	†††	11.70	NP	--	7.38	--	**47,500**	**1,510**	**2,340**	**2,750**	**10,600**	**194**	**14.1**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--

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76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-6	2/2/2012	19.08	†††	15.62	NP	--	3.46	--	**62600 k**	**1820 k**	**7750 k**	**3540 k**	**14200 k**	**220 k**	< 250 k	< 25.0 k	< 50.0 k	< 25.0	< 25.0	< 12500	< 50.0	--
MW-6	5/30/2012	19.08	†††	14.68	NP	--	4.40	ee, S5	**60,100**	**1,080**	**1,220**	**3,860**	**14,200**	**94.1**	**42.5**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	**1,260**
MW-6	8/6/2012	19.08	†††	17.02	NP	--	2.06	ee	**39,000**	**1,000**	**260**	**3,800**	**8,500**	**140**	< 50	< 10	< 10	< 10	< 10	< 100	< 10	--
MW-6	2/14/2013	19.08	†††	14.28	NP	--	4.80	--	**45,000**	**1,000**	**1,600**	**2,800**	**7,300**	**130**	< 70	< 15	< 15	< 15	< 15	< 150	< 15	--
MW-6	7/8/2013	19.08	†††	17.30	NP	--	1.78	--	**17,000**	**800**	**63**	**2,300**	**2,000**	**150**	**29**	< 4.0	< 4.0	< 4.0	< 4.0	< 40	< 4.0	**620**
MW-6	1/28/2014	19.08	†††	17.88	NP	--	1.20	--	**15,000**	**810**	**44**	**1,700**	**870**	**86**	**27**	< 2.5	< 2.5	< 2.5	< 2.5	< 25	< 2.5	**520**
MW-6	8/4/2014	19.08	†††	18.15	NP	--	0.93	--	**23,000**	**1,100**	**160**	**2,700**	**2,900**	**110**	**43**	< 2.0	< 2.0	< 2.5	< 2.5	< 50	< 2.5	**750**
MW-6	2/26/2015	19.08	†††	13.49	NP	--	5.59	--	**26,000**	**1,500**	**1,700**	< 5.0	**4,800**	**110**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 40	< 5.0	**870**
MW-6	8/28/2015	19.08	†††	19.07	NP	--	0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/27/2016	19.08	†††	13.83	NP	--	5.25	--	**46,000**	**1,500**	**1,700**	**2,900**	**3,490**	**94**	< 250	< 50	< 12	< 50	< 50	< 2500	< 25	**830**
MW-6	7/14/2016	19.08	†††	17.20	NP	--	1.88	--	**18,000**	**1,200**	< 25	**2,900**	**1,100**	**60**	< 250	< 50	< 12	< 50	< 50	< 2500	< 25	**710**
MW-7	1/26/2007	21.74	††	17.17	NP	--	4.57	--	< 50 n,q	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-7	8/28/2007	21.74	††	19.19	NP	--	2.55	--	< 50 n,q	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-7	2/1/2008	21.74	††	12.64	NP	--	9.10	--	**160 n,w**	**0.99**	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-7	7/3/2008	21.74	††	18.60	NP	--	3.14	--	**130 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-7	8/18/2008	21.74	††	19.34	NP	--	2.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/30/2009	21.74	††	17.80	NP	--	3.94	--	**140 n,w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-7	7/30/2009	21.74	††	19.20	NP	--	2.54	--	**150 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-7	1/18/2010	21.74	††	17.17	NP	--	4.57	--	**191**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	--	--	--	--	--	--	--	--
MW-7	3/30/2010	21.74	††	14.83	NP	--	6.91	--	--	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-7	7/14/2010	21.74	††	17.78	NP	--	3.96	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-7	1/6/2011	21.74	††	14.13	NP	--	7.61	--	**99.9 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-7	2/2/2012	21.74	††	18.07	NP	--	3.67	--	**176 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-7	5/30/2012	21.74	††	17.00	NP	--	4.74	--	**304**	< 0.50	< 0.50	**4.3**	**21.5**	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	**4.5**
MW-7	8/6/2012	21.74	††	19.50	NP	--	2.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/14/2013	21.74	††	16.69	NP	--	5.05	--	**220 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-7	7/8/2013	21.74	††	17.51	NP	--	4.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/28/2014	21.74	††	20.38	NP	--	1.36	--	**260 kk**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-7	8/4/2014	21.74	††	20.78	NP	--	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/26/2015	21.74	††	15.72	NP	--	6.02	--	**100**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-7	8/28/2015	21.74	††	21.74	NP	--	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/27/2016	21.74	††	16.24	NP	--	5.50	--	**230**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-8	1/26/2007	18.42	††	14.09	NP	--	4.33	--	< 50 n, q	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-8	8/28/2007	18.42	††	15.98	NP	--	2.44	--	< 50 n, q	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	--	--	--	--	--	--	--	--
MW-8	2/1/2008	18.42	††	9.66	NP	--	8.76	--	**59 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-8	7/3/2008	18.42	††	14.57	NP	--	3.85	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-8	8/18/2008	18.42	††	16.11	NP	--	2.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/30/2009	18.42	††	14.64	NP	--	3.78	--	**77 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-8	7/30/2009	18.42	††	16.16	NP	--	2.26	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-8	1/18/2010	18.42	††	14.03	NP	--	4.39	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	--	--	--	--	--	--	--	--
MW-8	3/30/2010	18.42	††	11.53	NP	--	6.89	--	--	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-8	7/14/2010	18.42	††	14.69	NP	--	3.73	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-8	1/6/2011	18.42	††	11.09	NP	--	7.33	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-8	2/2/2012	18.42	††	14.90	NP	--	3.52	--	**64.4 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-8	5/30/2012	18.42	††	14.09	NP	--	4.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/6/2012	18.42	††	16.23	NP	--	2.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/14/2013	18.42	††	13.61	NP	--	4.81	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-8	7/8/2013	18.42	††	16.85	NP	--	1.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/28/2014	18.42	††	17.15	NP	--	1.27	--	--	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-8	8/4/2014	18.42	††	17.50	NP	--	0.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/26/2015	18.42	††	12.81	NP	--	5.61	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-8	8/28/2015	18.42	††	18.42	NP	--	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/27/2016	18.42	††	12.98	NP	--	5.44	--	< 50	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-9	1/26/2007	19.42	††	14.90	NP	--	4.52	--	**50 n, q**	< 0.50	< 0.50	< 0.50	**0.73**	< 0.50	--	--	--	--	--	--	--	--
MW-9	8/28/2007	19.42	††	14.98	NP	--	4.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/1/2008	19.42	††	10.50	NP	--	8.92	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-9	7/3/2008	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/18/2008	19.42	††	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/30/2009	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/30/2009	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/18/2010	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/30/2010	19.42	††	12.62	NP	--	6.80	--	< 50	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-9	7/14/2010	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/6/2011	19.42	††	11.90	NP	--	7.52	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-9	2/2/2012	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-9	5/30/2012	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/6/2012	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/14/2013	19.42	††	14.37	NP	--	5.05	gg	< 50	< 0.50	< 0.50	< 0.50	**1.3**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-9	7/8/2013	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/28/2014	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/4/2014	19.42	††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/25/2015	19.42	††	13.62	NP	--	5.80	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-9	8/28/2015	19.42	††	19.42	NP	--	0.00	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/27/2016	19.42	††	13.96	NP	--	5.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/18/2008	19.17	†††	--	--	--	--	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/30/2009	19.17	†††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/30/2009	19.17	†††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/18/2010	19.17	†††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/30/2010	19.17	†††	12.47	NP	--	6.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/14/2010	19.17	†††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/6/2011	19.17	†††	12.16	NP	--	7.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/2/2012	19.17	†††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/11/2012	19.17	†††	--	--	--	--	WD	--	--	--	--	--	--	--	--	--	--	--	--	--	--
									--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10R	5/30/2012	19.11	†††††	15.02	NP	--	4.09	ee, S5	**89,300**	**77.0**	**103**	**5,670**	**27,900**	**5.0**	**6.3**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	**172**
MW-10R	8/6/2012	19.11	†††††	17.26	NP	--	1.85	ee	**47,000**	**53**	< 20	**3,300**	**12,000**	< 20	< 90	< 20	< 20	< 20	< 20	< 200	< 20	--
MW-10R	2/14/2013	19.11	†††††	14.69	NP	--	4.42	--	**49,000**	**38**	< 15	**2,500**	**10,000**	< 15	< 70	< 15	< 15	< 15	< 15	< 150	< 15	--
MW-10R	7/8/2013	19.11	†††††	17.65	NP	--	1.46	--	**56,000**	**31**	< 15	**2,000**	**7,500**	< 15	< 70	< 15	< 15	< 15	< 15	< 150	< 15	**970**
MW-10R	1/28/2014	19.11	†††††	18.22	NP	--	0.89	--	**56,000**	**28**	< 15	**2,600**	**9,200**	< 15	< 70	< 15	< 15	< 15	< 15	< 150	< 15	**1,100**
MW-10R	8/4/2014	19.11	†††††	18.51	NP	--	0.60	hh	**27,000**	**31**	**8.9**	**2,000**	**6,900**	**0.75**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 50 hh	< 0.50	**630**
MW-10R	2/26/2015	19.11	†††††	13.77	NP	--	5.34	--	**9,800**	**12**	< 2.5	**670**	**1,400**	< 2.5	< 25	< 2.5	< 2.5	< 2.5	< 2.5	< 50	< 2.5	**380**
MW-10R	6/25/2015	19.11	†††††	17.14	NP	--	1.97	--	**50,000**	**38**	< 50	**3,600**	--	< 50	< 500	< 100	< 25	< 100	< 100	< 5000	< 50	**1,200**
MW-10R	8/28/2015	19.11	†††††	18.80	NP	--	0.31	--	**46,000**	**28**	< 25	**2,800**	**7,200**	< 25	< 250	< 50	< 12	< 50	< 50	< 250	< 25	--
MW-10R	10/26/2015	19.11	†††††	19.62	NP	--	-0.51	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-10R	1/27/2016	19.11	†††††	13.93	NP	--	5.18	--	**28,000**	**24**	< 20	**1,600**	**3,410**	< 20	< 200	< 40	< 10	< 40	< 40	< 2000	< 20	**570**
MW-10R	7/14/2016	19.11	†††††	17.60	NP	--	1.51	--	**7,400**	**13**	< 5.0	**520**	**620**	< 5.0	< 50	< 10	< 2.5	< 10	< 10	< 500	< 5.0	**260**
MW-11	8/18/2008	19.23	†††	14.71	NP	--	4.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/30/2009	19.23	†††	14.80	NP	--	4.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/30/2009	19.23	†††	14.83	NP	--	4.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/18/2010	19.23	†††	14.62	NP	--	4.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/30/2010	19.23	†††	12.52	NP	--	6.71	--	< 50	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-11	7/14/2010	19.23	†††	14.53	NP	--	4.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/6/2011	19.23	†††	13.05	NP	--	6.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/2/2012	19.23	†††	14.68	NP	--	4.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/30/2012	19.23	†††	14.25	NP	--	4.98	ee	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	< 1.0
MW-11	8/6/2012	19.23	†††	14.48	NP	--	4.75	gg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/14/2013	19.23	†††	14.08	NP	--	5.15	gg	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-11	3/15/2013	19.23	†††	--	--	--	--	WD	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B	8/18/2008	18.68	†††	16.99	NP	--	1.69	--	**290 n**	< 0.50	< 0.50	**0.7**	**1.9**	**3.5 k**	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 250	< 0.50	--
MW-12B	1/30/2009	18.68	†††	15.50	NP	--	3.18	--	**1300 k**	< 1.2 k	< 1.2 k	**2.3 k**	**7.7 k**	< 1.2 k	--	--	--	--	--	--	--	--
MW-12B	7/30/2009	18.68	†††	17.07	NP	--	1.61	--	**300 k, n, w**	< 1.0 k	< 1.0 k	< 1.0 k	**2.9 k**	**1.5 k**	--	--	--	--	--	--	--	--
MW-12B	1/18/2010	18.68	†††	14.97	NP	--	3.71	--	**221**	**1.9**	**1.7**	**1.7**	**5.8**	< 0.50	--	--	--	--	--	--	--	--
MW-12B	3/30/2010	18.68	†††	12.24	NP	--	6.44	--	< 50	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-12B	7/14/2010	18.68	†††	15.55	NP	--	3.13	--	**296 aa**	< 0.50	< 0.50	< 0.50	< 1.5	**2.1**	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-12B	1/6/2011	18.68	†††	11.81	NP	--	6.87	--	**243 bb**	< 0.50	< 0.50	< 0.50	< 1.5	**0.60**	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-12B	2/2/2012	18.68	†††	15.77	NP	--	2.91	--	**283 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-12B	5/30/2012	18.68	†††	14.92	NP	--	3.76	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-12B	8/6/2012	18.68	†††	17.12	NP	--	1.56	ee	**180 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-12B	2/14/2013	18.68	†††	19.50	NP	--	-0.82	--	**280 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-12B	7/8/2013	18.68	†††	17.50	NP	--	1.18	--	**200 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-12B	1/28/2014	18.68	†††	18.01	NP	--	0.67	--	**280 kk**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-12B	8/4/2014	18.68	†††	18.41	NP	--	0.27	--	**190 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-12B	2/25/2015	18.68	†††	13.72	NP	--	4.96	--	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-12B	8/28/2015	18.68	†††	18.70	NP	--	-0.02	--	**150**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-12B	1/27/2016	18.68	†††	13.81	NP	--	4.87	--	**300**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-13B	8/18/2008	19.14	†††	16.92	NP	--	2.22	--	**300 n**	**3**	**0.98**	< 0.50	**5.4**	**13 k**	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 250	< 0.50	--
MW-13B	1/30/2009	19.14	†††	15.41	NP	--	3.73	--	**430 k, n, w**	< 1.2 k	< 1.2 k	< 1.2 k	< 2.5 k	< 1.2 k	--	--	--	--	--	--	--	--
MW-13B	7/30/2009	19.14	†††	17.00	NP	--	2.14	--	**390 k, n, w**	**4.9 k**	< 1.0 k	< 1.0 k	< 2.0 k	**3 k**	--	--	--	--	--	--	--	--
MW-13B	1/18/2010	19.14	†††	14.81	NP	--	4.33	--	**314**	< 0.50	< 0.50	< 0.50	< 1.5	**1.1**	--	--	--	--	--	--	--	--

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-13B	3/30/2010	19.14	†††	12.10	NP	--	7.04	--	--	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-13B	7/14/2010	19.14	†††	15.47	NP	--	3.67	--	**1,340**	**145**	< 0.50	**4.0**	< 1.5	**91.3**	**96.6**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-13B	1/6/2011	19.14	†††	11.79	NP	--	7.35	--	**403 bb**	< 0.50 bb	< 0.50	< 0.50	< 1.5	**2.4**	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-13B	2/2/2012	19.14	†††	15.70	NP	--	3.44	--	**216 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-13B	5/30/2012	19.14	†††	14.82	NP	--	4.32	ee	**2,110**	**321 dd**	**0.75**	**2.7**	**6.7**	**90.8**	**45.3**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	**37.3**
MW-13B	8/6/2012	19.14	†††	17.07	NP	--	2.07	ee	**230 cc**	< 0.50	< 0.50	< 0.50	< 0.50	**2.5**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-13B	2/14/2013	19.14	†††	14.33	NP	--	4.81	--	**820**	**150**	< 0.50	**0.94**	**0.64**	**28**	**8.1**	< 0.50	< 0.50	< 0.50	< 0.50	< 8.0	< 0.50	--
MW-13B	7/8/2013	19.14	†††	17.40	NP	--	1.74	--	**240 cc**	< 0.50	< 0.50	< 0.50	< 0.50	**0.73**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-13B	1/28/2014	19.14	†††	17.95	NP	--	1.19	--	**330 kk**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-13B	8/4/2014	19.14	†††	18.30	NP	--	0.84	--	**270 cc**	**0.88**	< 0.50	< 0.50	< 0.50	**1.6**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-13B	2/26/2015	19.14	†††	13.61	NP	--	5.53	--	**290**	**35**	< 0.50	< 0.50	< 0.50	**5.5**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**6.3**
MW-13B	8/28/2015	19.14	†††	18.62	NP	--	0.52	--	**260**	**6.8**	< 1.0	< 1.0	< 1.0	**4.1**	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-13B	1/27/2016	19.14	†††	13.81	NP	--	5.33	--	**320**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-14B	8/18/2008	18.47	†††	16.26	NP	--	2.21	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 250	< 0.50	--
MW-14B	1/30/2009	18.47	†††	14.81	NP	--	3.66	--	**85 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-14B	7/30/2009	18.47	†††	16.31	NP	--	2.16	--	**61 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-14B	1/18/2010	18.47	†††	14.20	NP	--	4.27	--	< 50.0	< 0.50	< 0.50	**0.52**	< 1.5	< 0.50	--	--	--	--	--	--	--	--
MW-14B	3/30/2010	18.47	†††	11.78	NP	--	6.69	--	--	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-14B	7/14/2010	18.47	†††	14.80	NP	--	3.67	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-14B	1/6/2011	18.47	†††	11.18	NP	--	7.29	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-14B	2/2/2012	18.47	†††	15.05	NP	--	3.42	--	**75.9 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-14B	5/30/2012	18.47	†††	14.20	NP	--	4.27	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	< 1.0
MW-14B	8/6/2012	18.47	†††	16.44	NP	--	2.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	2/14/2013	18.47	†††	13.74	NP	--	4.73	--	**59 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-14B	7/8/2013	18.47	†††	17.10	NP	--	1.37	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-14B	1/28/2014	18.47	†††	17.30	NP	--	1.17	--	**52**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-14B	8/4/2014	18.47	†††	17.68	NP	--	0.79	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-14B	2/26/2015	18.47	†††	12.97	NP	--	5.50	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-14B	8/28/2015	18.47	†††	17.90	NP	--	0.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	1/27/2016	18.47	†††	13.15	NP	--	5.32	--	< 50	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-15B	8/18/2008	19.12	†††	17.32	NP	--	1.80	--	**61 n**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 250	< 0.50	--
MW-15B	1/30/2009	19.12	†††	15.80	NP	--	3.32	--	**110 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-15B	7/30/2009	19.12	†††	17.40	NP	--	1.72	--	**140 n, w**	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	--	--	--	--	--	--	--	--
MW-15B	1/18/2010	19.12	†††	15.21	NP	--	3.91	--	**81.8**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	--	--	--	--	--	--	--	--
MW-15B	3/30/2010	19.12	†††	12.69	NP	--	6.43	--	--	--	--	--	--	--	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-15B	7/14/2010	19.12	†††	15.82	NP	--	3.30	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-15B	1/6/2011	19.12	†††	12.10	NP	--	7.02	--	**93.1 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-15B	2/2/2012	19.12	†††	16.05	NP	--	3.07	--	**191 bb**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-15B	5/30/2012	19.12	†††	15.25	NP	--	3.87	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-15B	8/6/2012	19.12	†††	17.35	NP	--	1.77	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-15B	2/14/2013	19.12	†††	14.79	NP	--	4.33	--	**180 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-15B	7/8/2013	19.12	†††	16.92	NP	--	2.20	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-15B	1/28/2014	19.12	†††	18.33	NP	--	0.79	--	**320 kk**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-15B	8/4/2014	19.12	†††	18.75	NP	--	0.37	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-15B	2/25/2015	19.12	†††	13.99	NP	--	5.13	--	**160**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-15B	8/28/2015	19.12	†††	18.10	NP	--	1.02	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-15B	1/27/2016	19.12	†††	14.12	NP	--	5.00	--	**250**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-17B	6/7/2011	18.75	††††	13.33	NP	--	5.42	--	< 50	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 25	< 1.0	--
MW-17B	2/2/2012	18.75	††††	15.10	NP	--	3.65	--	< 50.0	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	**9.5**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	--
MW-17B	5/30/2012	18.75	††††	14.14	NP	--	4.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	8/6/2012	18.75	††††	16.49	NP	--	2.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	2/14/2013	18.75	††††	13.78	NP	--	4.97	--	**61 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-17B	7/8/2013	18.75	††††	16.86	NP	--	1.89	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-17B	1/28/2014	18.75	††††	17.35	NP	--	1.40	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-17B	8/4/2014	18.75	††††	17.70	NP	--	1.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	2/25/2015	18.75	††††	13.00	NP	--	5.75	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-17B	8/28/2015	18.75	††††	18.10	NP	--	0.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	1/27/2016	18.75	††††	13.21	NP	--	5.54	--	< 50	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-18	5/30/2012	19.61	†††††	15.27	NP	--	4.34	ee, S5	**98,900**	**3,420**	**23,000**	**2,440**	**15,200**	**1,270**	**2,460**	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	**1,070**
MW-18	8/6/2012	19.61	†††††	17.60	NP	--	2.01	ee, S5	**46,000**	**2,300**	**9,500**	**1,400**	**7,000**	**1,600**	**2,200**	< 15	< 15	< 15	< 15	< 150	< 15	--
MW-18	2/14/2013	19.61	†††††	14.90	NP	--	4.71	--	**16,000**	**410**	**1,500**	**370**	**2,500**	**450**	**1,400**	< 3.0	< 3.0	< 3.0	< 3.0	< 30	< 3.0	--
MW-18	7/8/2013	19.61	†††††	17.90	NP	--	1.71	--	**36,000**	**1,900**	**5,500**	**1,200**	**6,400**	**1,000**	**1,200**	< 3.0	< 3.0	< 3.0	< 3.0	< 250	< 3.0	**320**
MW-18	1/28/2014	19.61	†††††	18.47	NP	--	1.14	--	**22,000**	**530**	**1,800**	**560**	**2,600**	**480**	**1,700**	< 2.5	< 2.5	< 2.5	< 2.5	< 25	< 2.5	**160**
MW-18	8/4/2014	19.61	†††††	18.82	NP	--	0.79	--	**24,000**	**1,300**	**1,500**	**1,000**	**4,200**	**870**	**1,500**	< 2.0	< 2.0	< 2.5	< 2.5	< 70	< 2.5	**260**

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-18	8/28/2015	19.61	†††††	19.14	NP	--	0.47	--	**24,000**	**810**	**1,700**	**780**	**3,800**	**340**	**1,200**	< 20	< 5.0	< 20	< 20	< 10	< 10	--
MW-18	1/27/2016	19.61	†††††	14.40	NP	--	5.21	--	**84,000**	**890**	**11,000**	**1,700**	**10,800**	< 100	< 1000	< 200	< 50	< 200	< 200	< 10000	< 100	< 1000
MW-18	7/14/2016	19.61	†††††	17.90	NP	--	1.71	--	**24,000**	**760**	**1,700**	**840**	**4,200**	**170**	**420**	< 20	< 5.0	< 20	< 20	< 1000	< 10	**210**
MW-19	5/30/2012	19.06	†††††	14.85	NP	--	4.21	ee, S5	**15,700**	**13.5**	**14.0**	**427**	**2,180**	**0.83**	< 5.0	< 0.50	< 1.0	< 0.50	< 0.50	< 250	< 1.0	**475**
MW-19	8/6/2012	19.06	†††††	17.15	NP	--	1.91	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-19	9/7/2012	19.06	†††††	17.63	NP	--	1.43	ee	**190**	< 0.50	< 0.50	**1.6**	**7.4**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-19	2/14/2013	19.06	†††††	14.50	NP	--	4.56	--	**470**	**1.4**	< 0.50	**44**	**8.2**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	--
MW-19	7/8/2013	19.06	†††††	17.50	NP	--	1.56	--	**100**	< 0.50	< 0.50	**2.2**	**4.1**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**0.63**
MW-19	1/28/2014	19.06	†††††	18.00	NP	--	1.06	--	**720**	**0.79**	< 0.50	**35**	**0.99**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**5.1**
MW-19	8/4/2014	19.06	†††††	18.40	NP	--	0.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/26/2015	19.06	†††††	13.69	NP	--	5.37	--	**3,000**	**9.7**	**2**	**240**	**160**	**0.79**	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**240**
MW-19	8/28/2015	19.06	†††††	18.68	NP	--	0.38	--	**250**	< 0.50	< 1.0	**2.9**	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-19	1/27/2016	19.06	†††††	13.87	NP	--	5.19	--	**5,100**	**3.2**	**2.1**	**48**	--	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	**140**
MW-20	5/20/2013	19.01	††††††	17.00	NP	--	2.01	--	**160 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 10
MW-20	7/8/2013	19.01	††††††	17.70	NP	--	1.31	--	**110 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-20	1/28/2014	19.01	††††††	18.21	NP	--	0.80	--	**370 kk**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-20	5/22/2014	19.01	††††††	16.76	NP	--	2.25	--	**140 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-20	8/4/2014	19.01	††††††	18.60	NP	--	0.41	--	**160 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-20	11/24/2014	19.01	††††††	18.49	NP	--	0.52	--	**300**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-20	2/25/2015	19.01	††††††	13.86	NP	--	5.15	--	**70**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**0.6**
MW-20	8/28/2015	19.01	††††††	18.93	NP	--	0.08	--	**67**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-20	1/27/2016	19.01	††††††	14.00	NP	--	5.01	--	**130**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-21	5/20/2013	18.52	††††††	16.83	NP	--	1.69	--	**3,400**	**0.72**	< 0.50	**150**	**290**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 20 hh	< 0.50	**82**
MW-21	7/8/2013	18.52	††††††	17.30	NP	--	1.22	--	**24,000**	< 5.0	< 5.0	**1,000**	**2,600**	< 5.0	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 50	< 5.0	**460**
MW-21	1/28/2014	18.52	††††††	17.87	NP	--	0.65	--	**15,000**	**2.7**	**2.3**	**840**	**1,600**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 50 hh	< 0.50	**340**
MW-21	5/22/2014	18.52	††††††	16.34	NP	--	2.18	--	**3,400**	**1.5**	**0.63**	**170**	**260**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 8.0 hh	< 0.50	**69**
MW-21	8/4/2014	18.52	††††††	18.15	NP	--	0.37	--	**8,600**	**1.7**	< 1.5	**480**	**860**	< 1.5	< 7.0	< 1.5	< 1.5	< 1.5	< 1.5	< 15 hh	< 1.5	**220**
MW-21	11/24/2014	18.52	††††††	18.00	NP	--	0.52	--	**11,000**	**2.1**	**1.5**	**520**	**600**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 20	< 0.50	**320**
MW-21	2/25/2015	18.52	††††††	13.45	NP	--	5.07	--	**700**	**0.69**	< 0.50	**55**	**94**	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	**24**
MW-21	6/25/2015	18.52	††††††	17.38	NP	--	1.14	--	**10,000**	**2.6**	< 5.0	**610**	--	< 5.0	< 50	< 10	< 2.5	< 10	< 10	< 500	< 5.0	**270**
MW-21	8/28/2015	18.52	††††††	18.49	NP	--	0.03	--	**6,500**	**1.9**	< 2.0	**300**	**220**	< 2.0	< 20	< 4.0	< 1.0	< 4.0	< 4.0	< 20	< 2.0	--
MW-21	10/26/2015	18.52	††††††	19.03	NP	--	-0.51	--	**2,300**	**1.1**	< 2.0	**52**	**20**	< 2.0	< 20	< 4.0	< 1.0	< 4.0	< 4.0	< 200	< 2.0	**55**
MW-21	1/27/2016	18.52	††††††	13.63	NP	--	4.89	--	**840**	**0.51**	< 1.0	**2.9**	**5**	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	**26**
MW-21	7/14/2016	18.52	††††††	17.11	NP	--	1.41	--	**3,700**	**1.5**	< 1.0	**180**	**12**	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	**190**
MW-22	7/8/2013	20.86	†††††††	19.50	NP	--	1.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/24/2013	20.86	†††††††	19.55	NP	--	1.31	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-22	1/28/2014	20.86	†††††††	19.56	NP	--	1.30	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**24 jj**	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-22	8/4/2014	20.86	†††††††	20.05	NP	--	0.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/25/2015	20.86	†††††††	14.95	NP	--	5.91	Dry	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-22	8/28/2015	20.86	†††††††	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	1/27/2016	20.86	†††††††	15.41	NP	--	5.45	--	< 50	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-22	7/14/2016	20.86	†††††††	18.80	NP	--	2.06	--	**61**	< 0.50	**1.5**	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-23	7/8/2013	22.33	†††††††	20.10	NP	--	2.23	--	**190 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-23	1/28/2014	22.33	†††††††	20.63	NP	--	1.70	--	**260 kk**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-23	8/4/2014	22.33	†††††††	21.03	NP	--	1.30	--	**210 cc**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-23	2/25/2015	22.33	†††††††	16.10	NP	--	6.23	--	**150**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-23	8/28/2015	22.33	†††††††	21.31	NP	--	1.02	--	**170**	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-23	1/27/2016	22.33	†††††††	16.31	NP	--	6.02	--	**210**	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-24	7/8/2013	19.51	†††††††	18.00	NP	--	1.51	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-24	9/24/2013	19.51	†††††††	18.79	NP	--	0.72	--	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-24	1/28/2014	19.51	†††††††	18.48	NP	--	1.03	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-24	8/4/2014	19.51	†††††††	18.91	NP	--	0.60	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-24	2/25/2015	19.51	†††††††	14.13	NP	--	5.38	--	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50
MW-24	8/28/2015	19.51	†††††††	19.24	NP	--	0.27	--	< 50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-24	1/27/2016	19.51	†††††††	14.26	NP	--	5.25	--	< 50	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-25	2/25/2015	--	†††††††	13.91	NP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/26/2015	--	†††††††	--	--	--	--	--	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0	< 5.0	< 0.50
MW-25	6/25/2015	18.60	†††††††	17.71	NP	--	0.89	--	< 50	< 0.50	< 1.0	< 1.0	--	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
MW-25	9/1/2015	18.60	†††††††	18.92	NP	--	-0.32	--	< 50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	--
MW-25	10/26/2015	18.60	†††††††	19.47	NP	--	-0.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/27/2016	18.60	†††††††	13.95	NP	--	4.65	--	< 50	< 0.50	< 1.0	< 1.0	< 2.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10

TABLE 2
SUMMARY OF SUBSURFACE WATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Well I.D.	Date	GROUNDWATER ELEVATION DATA							GROUNDWATER ANALYTICAL DATA													
		TOC Elevation (ft)		Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers	GRO[1] (ug/L)	Benzene[2] (ug/L)	Toluene[2] (ug/L)	Ethylbenzene[2] (ug/L)	Total Xylene[2] (ug/L)	MTBE[3] (ug/L)	TBA[4] (ug/L)	TAME[4] (ug/L)	1,2-DCA[4] (ug/L)	DIPE[4] (ug/L)	ETBE[4] (ug/L)	Ethanol[4] (ug/L)	EDB[4] (ug/L)	Naphthalene[5] (ug/L)
MW-25	7/14/2016	18.60	†††††††	17.60	NP	--	1.00	--	< 50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 0.50	< 2.0	< 2.0	< 100	< 1.0	< 10
TW-1	4/11/2012	--		--	--	--	--	--	**53 cc**	< 0.50	< 0.50	< 0.50	< 1.5	< 0.50	< 5.0	< 0.50	< 1.0	--	--	--	--	--

Notes:

<	Not detected at or above the indicated laboratory reporting limit	NP	No Product	Dry	Well Dry	DIPE	Di-isopropyl ether
	Results in bold exceed applicable reporting limits	TOC	Top of Casing	GRO	Gasoline range organics	ETBE	Ethyl tertiary-butyl ether
--	No information available	LNAPL	Light Non-aqueous phase liquid	MTBE	Methyl tertiary-butyl ether	EDB	Ethylene Dibromide
WD	Well Destroyed	ug/L	micrograms per liter	TBA	ertiary-butyl alcohol	1,2-DCA	1,2-dichloroethane
NG	Not Gauged	NM	Not Measured	TAME	Tertiary-amyl methyl ether		

◊	The elevations were surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)
†	TOC elevations were surveyed by Morrow Surveying on August 13, 2005 to the NAVD 88 datum by GPS observations.
††	TOC elevations were surveyed by Morrow Surveying on January 16, 2007 to the NAVD 88 datum by GPS observations.
†††	TOC elevations were surveyed by Mid Coast Engineers on August 18, 2008 to the NAVD 88 datum by GPS observations.
††††	TOC elevation was surveyed by Mid Coast Engineers on June 6, 2011 to the NAVD 88 datum by GPS observations.
†††††	TOC elevation was surveyed by Mid Coast Engineers on May 25, 2012 to the NAVD 88 datum by GPS observations.
††††††	TOC elevation was surveyed by Morrow Surveying on May 16, 2013 to the NAVD 88 datum by GPS observations.
†††††††	TOC elevation was surveyed by Morrow Surveying on July 1, 2013 to the NAVD 88 datum by GPS observations.
†††††††††	TOC elevation was surveyed by Morrow Surveying on February 6, 2015 to the NAVD 88 datum by GPS observations.

1	Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.
2	Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
3	Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.
4	Analyzed by EPA Method 8260B.
5	Analyzed by EPA Method 8270C.

a	The presence of MTBE was potentially identified at reportable levels.
b	The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.
c	The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.
d	Chromatograph pattern: unidentified hydrocarbons C6-C12
e	Chromatograph pattern: weathered gasoline: C6-C12
f	Chromatograph pattern: discrete peaks C8-C12
g	Chromatograph pattern: discrete peaks
h	Sample was additionally run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.
i	Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.
j	The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
k	Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")
l	Detection limit raised due to sample dilution
m	Estimated value
n	Chromatogram not typical of gasoline.
o	The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.
p	TPPH was positive due to PCE present in the sample.
q	PCE, TCE, and/or 1,2-DCE were subtracted from the gasoline range TPPH, or GRO.
r	Sample hold time was exceeded.
s	Not enough sample to re-run for PCE.
t	First run did not pass, sample had to be diluted due to not enough sample. Only one voa submitted to lab.
u	Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007
v	Sample also analyzed for TPH-diesel (reported at a concentration of 28,000, with the chromatogram reporting a diesel and non-diesel mixture (<C16, >C22)
w	Result was positive due to PCE and TCE present in the sample.
x	Data from re-sampling event on 3/30/2010.
y	"L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
z	"M0" = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory reporting limits.
aa	"T4" = Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.
bb	"1n" = The GRO result for this sample did not match the pattern of the laboratory standard for gasoline, likely due to the presence of PCE in the sample
cc	Primary compounds not found in typical gasoline
dd	"M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.
ee	samples also tested for full VOCs, refer to laboratory analytical report for full list of analytes and results.
ff	Sample also analyzed for organic lead (result was 'non-detect')
gg	Groundwater sample collected may represent casing water trapped in the well bottom.
S5	Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).
hh	The method reporting limit for ethanol has been increased due to the presence of an interfering compound.
ii	Repeat analysis of GRO yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
jj	Repeat analysis for TBA yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
kk	Original GRO testing indicated that the primary compounds were not found in typical gasoline. These values were recalculated under the 'Gasoline Hydrocarbon' parameter, calculated by adding up the chromatographic peaks between hexane and dodecan (C6 to C12), subtracting the non-gasoline compounds (primarily dichloroethene, Trichloroethene, and tetrachloroethene), and comparing against a gasoline calibration curve.

TABEL 3
SUMMARY OF MAXMUIM REPORTED CONCENTRATIONS
IN WATER SAMPLES VERSES RECENT RESULTS
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Well ID	Benzene (µg/L)		MTBE (µg/L)		Percent Reduction	
	Max	Most Recent	Max	Most Recent	Benzene	MTBE
MW-1*	1.7	NA	ND	NA	--	--
MW-2*	13,000	NA	9,900	NA	--	--
MW-3*	3,480	NA	2,700	NA	--	--
MW-4	12,000	<0.50	4,000	<1.0	100.0%	100.0%
MW-5*	800	NA	2,100	NA	--	--
MW-6	2,020	1,200	220	60	40.6%	72.7%
MW-7	0.99	<0.50	ND	<1.0	100.0%	--
MW-8	ND	<0.50	ND	<1.0	--	--
MW-9	ND	NA	ND	NA	--	--
MW-10R	77	13	5.0	<5.0	83.1%	100.0%
MW-11*	ND	NA	ND	NA	--	--
MW-12B	1.9	<0.50	3.5	<1.0	100.0%	100.0%
MW-13B	321	<0.50	91.3	<1.0	100.0%	100.0%
MW-14B	ND	<0.50	ND	<1.0	--	--
MW-15B	ND	<0.50	ND	<1.0	--	--
MW-17B	ND	<0.50	ND	<1.0	--	--
MW-18	3,420	760	1,600	170	77.8%	89.4%
MW-19	13.5	3.2	0.83	<1.0	76.3%	100.0%
MW-20	ND	<0.50	ND	<1.0	--	--
MW-21	2.7	1.50	ND	<1.0	44.4%	--
MW-22	ND	<0.50	ND	<1.0	--	--
MW-23	ND	<0.50	ND	<1.0	--	--
MW-24	ND	<0.50	ND	<1.0	--	--
MW-25	ND	<0.50	ND	<1.0	--	--
Average Site Total Reduction of Dissolved-Phase Concentrations by COC					**80.2%**	**94.6%**
Average Combined Reduction in Dissolved-Phase Concentrations					**87.4%**	

Notes:
MTBE - Methyl tert-butyl ether
< - Not detected at the indicated laboratory reporting limit
ND - Not detected at a concentration at or above the laboratory reporting limit
NA - Not Available; Not Applicable do to availability of recent data or constituent not detected above laboratory reporting limit during the monitoring period.
COC - Constituent of Concern
*Destroyed montoring well

TABLE 4
SUMMARY OF DISSOLVED-PHASE CHLORINATED SOLVENT DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample ID	Date Sampled	PCE [1] (µg/L)	TCE [1] (µg/L)	cis-1,2-DCE [1] (µg/L)	trans-1,2-DCE [1] (µg/L)	VC [1] (µg/L)
SP-7	12/15/06	**90**	**15**	**9.8**	9.8	--
SB-1	5/18/11	**38.9**	4.7	**15.0**	**15.0**	*<1.0*
SB-3	5/18/11	1.9	<1.0	<1.0	<1.0	*<1.0*
SB-4	5/18/11	**11.9**	<1.0	<1.0	<1.0	*<1.0*
SB-6	6/7/11	**103**	**15.2**	**16.2**	**16.2**	*<1.0*
SB-7	5/18/11	**6.7**	3.4	3.4	3.4	*<1.0*
SB-8	5/17/12	**22**	**9.3**	**7.2**	7.2	<0.50
SB-9	4/12/12	*<40* a	*<40* a	*<40* a	*<40* a	*<40* a
SB-11	3/15/13	**80**	1.4	1.4	<0.50	<0.50
TW-1	4/11/12	**63**	1.3	<0.50	<0.50	<0.50
MW-4	01/26/07	**83**	--	--	--	--
MW-4	08/28/07	**43** a,b	--	--	--	--
MW-4	02/01/08	**68**	**8.1**	**8.9**	<0.50	--
MW-4	07/03/08	**54**	**5.5**	3.8	<0.50	--
MW-4	07/30/09	**48**	4.7	2.9	<0.50	--
MW-4	03/30/10	**48.2**	**7.1**	5.9	<1.0	*<1.0*
MW-4	07/14/10	**37.2** c,d	4.2	3.3	<1.0	*<1.0*
MW-4	01/06/11	**25.3**	--	--	--	--
MW-4	02/02/12	**47.1**	3.3	2	<1.0	*<1.0*
MW-4	05/30/12	**44.6**	3.6	1.8	<1.0	*<1.0*
MW-4	08/06/12	**21**	2.2	1.7	<0.50	<0.50
MW-4	02/14/13	**31**	3.0	1.5	<0.50	<0.50
MW-4	01/28/14	**28**	2.4	1.6	<0.50	<0.50
MW-6	01/26/07	<0.50	--	--	--	--
MW-6	08/28/07	*<50* a,b	--	--	--	--
MW-6	02/01/08	*<50* a	*<50* a	*<50* a	*<50*	--
MW-6	07/03/08	<0.50	<0.50	<0.50	*<50*	--
MW-6	07/30/09	<0.50	<0.50	<0.50	<0.50	--
MW-6	03/30/10	1.3	<1.0	4.5	<1.0	**3.3**
MW-6	07/14/10	<1.0 c,d	<1.0	1.0	<1.0	**1.3**
MW-6	01/06/11	<1.0	--	--	--	--
MW-6	02/02/12	*<50* a	*<50* a	*<50* a	*<50*	*<50* a
MW-6	05/30/12 S	<1.0	<1.0	1.6	<1.0	**1.6**
MW-6	08/06/12	*<10*	*<10*	*<10*	<10	*<10*
MW-6	02/14/13	*<15*	*<15*	*<15*	*<15*	*<15*
MW-6	07/08/13	<4.0	<4.0	<4.0	<4.0	*<4.0*
MW-6	01/28/14	<2.5	<2.5	<2.5	<2.5	*<2.5*
MW-6	08/04/14	<2.5	<2.5	<2.5	<2.5	*<2.5*
MW-7	01/26/07	**100** a	--	--	--	--
MW-7	02/01/08	**84** a	**7.5**	**15**	<0.50	--
MW-7	07/03/08	**97**	4.8	4.6	<0.50	--
MW-7	07/30/09	**130** a	**7.2**	**8.0**	<0.50	--
MW-7	03/30/10	**172**	**12.5**	**14.5**	<1.0	*<1.0*
MW-7	07/14/10	**69.5** c,d	**5.2**	5.3	<1.0	*<1.0*
MW-7	01/06/11	**62.4**	--	--	--	--
MW-7	02/02/12	**165**	**8.6**	**10**	<1.0	*<1.0*
MW-7	05/30/12	**169**	**9.5**	**8.2**	<1.0	*<1.0*
MW-7	02/14/13	**110**	**8.1**	**6.7**	<0.50	<0.50

TABLE 4
SUMMARY OF DISSOLVED-PHASE CHLORINATED SOLVENT DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample ID	Date Sampled	PCE [1] (µg/L)	TCE [1] (µg/L)	cis-1,2-DCE [1] (µg/L)	trans-1,2-DCE [1] (µg/L)	VC [1] (µg/L)
MW-7	01/28/14	**110**	**8.3**	**6.8**	<0.50	<0.50
MW-8	01/26/07	**26**	--	--	--	--
MW-8	08/28/07	**15** b	--	--	--	--
MW-8	02/01/08	**29**	1.5	0.70	<0.50	--
MW-8	07/03/08	**18**	1.1	<0.50	<0.50	--
MW-8	07/30/09	**19**	1.3	<0.50	<0.50	--
MW-8	03/30/10	**31.6**	1.7	<2.0	<1.0	*<1.0*
MW-8	07/14/10	**15.4** c,d	1.2	<1.0	<1.0	*<1.0*
MW-8	01/06/11	**14.9**	--	--	--	--
MW-8	02/02/12	**24.8**	1.4	<1.0	<1.0	*<1.0*
MW-8	02/14/13	<0.50	<0.50	<0.50	<0.50	<0.50
MW-9	01/26/07	**10**	--	--	--	--
MW-9	2/1/2008	**10**	0.88	0.85	<0.50	--
MW-9	03/30/10	**6.7**	<1.0	<2.0	<1.0	*<1.0*
MW-9	01/06/11	**6.4**	<1.0	<1.0	<1.0	*<1.0*
MW-9	02/14/13 e	**8.1**	0.56	<0.50	<0.50	<0.50
MW-10R	05/30/12 S	<1.0	<1.0	**16.1**	<1.0	**2.9**
MW-10R	08/06/12	*<20*	*<20*	*<20*	*<20*	*<20*
MW-10R	02/14/13	*<15*	*<15*	*<15*	*<15*	*<15*
MW-10R	07/08/13	*<15*	*<15*	*<15*	*<15*	*<15*
MW-10R	01/28/14	*<15*	*<15*	*<15*	*<15*	*<15*
MW-10R	08/04/14	<0.50	<0.50	3.0	<0.50	**1.0**
MW-12B	08/18/08	**270** a	**36**	**41**	<0.50	--
MW-12B	07/30/09	**170** a	**25** a	**39** a	<1.0	--
MW-12B	03/30/10	**221**	**29.4**	**37.6**	<1.0	*<1.0*
MW-12B	07/14/10	**139** c,d	**19.7**	**28.1**	<1.0	*<1.0*
MW-12B	01/06/11	**152**	--	--	--	--
MW-12B	02/02/12	**221**	**17.6**	**28.7**	<1.0	*<1.0*
MW-12B	08/06/12	**110**	**13**	**19**	<0.50	<0.50
MW-12B	02/14/13	**140**	**15**	**18**	<0.50	<0.50
MW-12B	07/08/13	**120**	**13**	**17**	<0.50	<0.50
MW-12B	01/28/14	**110**	**11**	**15**	<0.50	<0.50
MW-12B	08/04/14	**88**	**9.8**	**15**	<0.50	<0.50
MW-13B	08/18/08	**280** a	**33** a	**32**	<0.50	--
MW-13B	07/30/09	**160** a	**20** a	**14** a	<1.0	--
MW-13B	03/30/10	**460**	**42.6**	**45.5**	<1.0	*<1.0*
MW-13B	07/15/10	**139** c,d	**22.9**	**20.1**	<1.0	**1.1**
MW-13B	01/06/11	**233**	--	--	--	--
MW-13B	02/02/12	**146**	**13.9**	**11.1**	<1.0	*<1.0*
MW-13B	05/30/12	**189** f	**19.4**	**17.5**	<1.0	**1.2**
MW-13B	08/06/12	**150**	**17**	**14**	<0.50	<0.50
MW-13B	02/14/13	**140**	**16**	**15**	<0.50	<0.50
MW-13B	07/08/13	**160**	**16**	**11**	<0.50	<0.50
MW-13B	01/28/14	**140**	**14**	**8.9**	<0.50	<0.50
MW-13B	08/04/14	**130**	**13**	**7.2**	<0.50	<0.50
MW-14B	08/18/08	**21**	1.4	0.83	<0.50	--

TABLE 4
SUMMARY OF DISSOLVED-PHASE CHLORINATED SOLVENT DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample ID	Date Sampled	PCE [1] (µg/L)	TCE [1] (µg/L)	cis-1,2-DCE [1] (µg/L)	trans-1,2-DCE [1] (µg/L)	VC [1] (µg/L)
MW-14B	07/30/09	**27**	1.8	0.77	<1.0	--
MW-14B	03/30/10	**38.4**	2.5	<2.0	<1.0	*<1.0*
MW-14B	07/14/10	**19.9** c,d	1.6	1.1	<1.0	*<1.0*
MW-14B	01/06/11	**24.3**	--	--	--	--
MW-14B	02/02/12	**28.1**	1.4	1.0	<1.0	*<1.0*
MW-14B	05/30/12	**30**	1.7	<1.0	<1.0	*<1.0*
MW-14B	02/14/13	**21**	1.4	0.82	<0.50	<0.50
MW-15B	08/18/08	**60**	2.5	1.9	--	--
MW-15B	07/30/09	**100**	4.7	**6.0**	<0.50	--
MW-15B	03/30/10	**82.7**	2.2	3.8	<1.0	*<1.0*
MW-15B	07/14/10	**36.4** c,d	2.2	2.9	<1.0	*<1.0*
MW-15B	01/06/11	**60.4**	--	--	--	--
MW-15B	02/02/12	**139**	4.7	**6.8**	<1.0	*<1.0*
MW-15B	02/14/13	**95**	4.1	3.7	<0.50	<0.50
MW-15B	01/28/14	**140**	**8.3**	**9**	<0.50	<0.50
MW-17B	06/07/11	**9.3**	<1.0	<1.0	<1.0	*<1.0*
MW-17B	02/02/12	**10.6**	<1.0	<1.0	<1.0	*<1.0*
MW-17B	02/14/13	**20**	1.5	0.81	<0.50	<0.50
MW-17B	01/28/14	**14**	0.94	0.54	<0.50	<0.50
MW-18	05/30/12 S	**14.7**	2.5	3.8	<1.0	*<1.0*
MW-18	08/06/12 S	*<15*	*<15*	*<15*	*<15*	*<15*
MW-18	02/14/13	**6.9**	4.4	**10**	<3.0	*<3.0*
MW-18	07/08/13	3.0	<3.0	4.8	<3.0	*<3.0*
MW-18	01/28/14	<2.5	<2.5	**9.2**	<2.5	**6.7**
MW-18	08/04/14	<2.5	<2.5	5.1	<2.5	*<7.0*
MW-19	05/30/12 S	**12.9**	1.6	**6.0**	<1.0	*<1.0*
MW-19	09/07/12	**26**	3.0	3.0	<0.50	<0.50
MW-19	02/14/13	**12**	3.2	3.0	<0.50	<0.50
MW-19	07/08/13	**24**	3.2	1.7	<0.50	<0.50
MW-19	01/28/14	**20**	3.6	2.3	<0.50	<0.50
MW-19	08/04/14	**14**	3.0	2.0	<0.50	<0.50
MW-20	05/20/13	**78**	4.0	3.7	<0.50	<0.50
MW-20	07/08/13	**53**	3.9	4.0	<0.50	<0.50
MW-20	01/28/14	**160**	**12**	13	<0.50	<0.50
MW-20	05/22/14	**74**	**6.5**	5.4	<0.50	<0.50
MW-20	08/04/14	**79**	**7.3**	**6.2**	<0.50	<0.50
MW-20	11/24/14	-	-	-	<0.50	<0.50
MW-21	05/20/13	<0.50	<0.50	<0.50	<0.50	<0.50
MW-21	07/08/13	<5.0	<5.0	<5.0	<5.0	*<5.0*
MW-21	01/28/14	<0.50	<0.50	1.6	<0.50	<0.50
MW-21	05/22/14	3.1	<0.50	<0.50	<0.50	<0.50
MW-21	08/04/14	<1.5	<1.5	<1.5	<1.5	*<1.5*
MW-21	11/24/14	-	-	-	<0.50	<0.50
MW-22	09/24/13	**5.1**	0.70	<0.50	<0.50	<0.50
MW-22	01/28/14	1.2	4.60	<0.50	<0.50	<0.50

TABLE 4
SUMMARY OF DISSOLVED-PHASE CHLORINATED SOLVENT DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample ID	Date Sampled	PCE [1] (µg/L)	TCE [1] (µg/L)	cis-1,2-DCE [1] (µg/L)	trans-1,2-DCE [1] (µg/L)	VC [1] (µg/L)
MW-23	07/08/13	**90**	**10**	**16**	<0.50	<0.50
MW-23	01/28/14	**100**	**11**	**16**	<0.50	<0.50
MW-23	08/04/14	**100**	**11**	**15**	<0.50	<0.50
MW-24	07/08/13	1.3	<0.50	<0.50	<0.50	<0.50
MW-24	09/24/13	1.3	<0.50	<0.50	<0.50	<0.50
MW-24	01/28/14	1.2	<0.50	<0.50	<0.50	<0.50
MW-24	08/04/14	1.5	<0.50	<0.50	<0.50	<0.50
California Maximum Contaminant Limit (MCL):		**5.0**	**5.0**	**6.0**	**10**	**0.50**

Notes:

<	Not detected at or above the indicated laboratory reporting limit
--	Not analyzed/applicable/measured
	Results in bold exceed applicable action limits
	Italicized reporting limits exceed applicable action limits
µg/L	Micrograms per liter
PCE	Tetrachloroethylene
TCE	Trichloroethylene
DCE	Dichloroethene
VC	Vinyl chloride
EPA	U.S. Environmental Protection Agency
1	Analyzed by EPA Method 8260B.
a	Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")
b	Sample hold time was exceeded.
c	Data from re-sampling event on 3/30/2010.
d	"L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
e	Groundwater sample collected may represent casing water trapped in the well bottom.
f	"M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.
S	Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).

TABLE 5
SUMMARY OF SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethylbenzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TBA[5] (mg/kg)	Naphthalene[5] (mg/kg)
WO1	8/11/1992	**8**	< 1.0	< 30	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
A1	8/5/1992	**15**	--	--	**33**	**0.63**	**2.4**	**0.65**	**4.5**	--	--	--	--	--	--	--	--
A2	8/5/1992	**22**	--	--	**480**	**6.7**	**41**	**9.2**	**61**	--	--	--	--	--	--	--	--
B1	8/5/1992	**15**	--	--	**20**	**0.58**	**2.3**	**0.4**	**2.7**	--	--	--	--	--	--	--	--
B2	8/5/1992	**18**	--	--	**5,000**	**47**	**470**	**120**	**790**	--	--	--	--	--	--	--	--
D1	10/22/1992	**7**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
D2	10/22/1992	**7**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
D3	10/22/1992	**7**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
P1	8/11/1992	**3**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
P2	8/11/1992	**3**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
P3	8/11/1992	**3**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
P4	8/11/1992	**3**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
P5	8/11/1992	**3**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
P6	8/11/1992	**3**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
SW1	8/5/1992	**15**	--	--	**980**	**11**	**90**	**23**	**160**	--	--	--	--	--	--	--	--
SW1 (2.5)	8/21/1992	**16**	--	--	**5.6**	**0.0097**	**0.049**	**0.024**	**0.23**	--	--	--	--	--	--	--	--
SW2	8/5/1992	**15**	--	--	**1,100**	**14**	**130**	**34**	**200**	--	--	--	--	--	--	--	--
SW2 (2.5)	8/21/1992	**16**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
SW3	8/21/1992	**16**	**5.9 b**	--	**16**	**0.017**	**0.081**	**0.051**	**0.39**	--	--	--	--	--	--	--	--
OWS-S	1/12/1996	**4.5**	**1.5**	< 50	< 1.0	< 0.005	**0.006**	< 0.005	**0.009**	< 0.005	--	--	--	--	--	--	--
SP-5	12/15/2006	**9.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
SP-5	12/15/2006	**14.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-5	12/15/2006	**19.5**	--	--	**7.0 e**	**0.017**	**0.34 e**	**0.091 e**	**0.57 e**	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-6	12/15/2006	**7**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
SP-6	12/15/2006	**11.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-6	12/15/2006	**15.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--

TABLE 5
SUMMARY OF SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethylbenzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TBA[5] (mg/kg)	Naphthalene[5] (mg/kg)
SP-6	12/15/2006	**20**	--	--	**68 e**	< 0.050 e	< 0.050 e	**1.6 e**	**3.3 e**	< 0.050 e	< 0.050 e	< 0.050 e	< 0.010 e	< 10 e	< 0.050 e	< 2.0 d,e	--
SP-7	12/15/2006	**11.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-7	12/15/2006	**15.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-7	12/15/2006	**19.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-7	12/15/2006	**23.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-7	12/15/2006	**27.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-7	12/15/2006	**31**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20 d	--
SP-8	12/15/2006	**7**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0 d	--
SP-8	12/15/2006	**11**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0 d	--
SP-8	12/15/2006	**15.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0 d	--
SP-8	12/15/2006	**19**	--	--	**49 e**	< 0.050 e	< 0.050 e	**2.1 e**	**7.4 e**	< 0.050 e	< 0.050 e	< 0.050 e	< 0.010 e	< 10 e	< 0.050 e	< 2.0 d,e	--
SB-1	5/18/2011	**5**	--	--	< 0.18	< 0.0022	< 0.0022	< 0.0022	< 0.0066	< 0.0022	< 0.0022	< 0.0022	< 0.0022	< 0.29	< 0.0022	< 0.011	--
SB-1	5/18/2011	**10**	--	--	< 0.21	< 0.0025	< 0.0025	< 0.0025	< 0.0075	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.33	< 0.0025	< 0.013	--
SB-1	5/18/2011	**20**	--	--	< 0.18	< 0.0022	< 0.0022	< 0.0022	< 0.0065	< 0.0022	< 0.0022	< 0.0022	< 0.0022	< 0.29	< 0.0022	< 0.011	--
SB-1	5/18/2011	**25**	--	--	< 0.21	< 0.0025	< 0.0025	< 0.0025	< 0.0076	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.34	< 0.0025	< 0.013	--
SB-3	5/18/2011	**5**	--	--	< 0.19	< 0.0022	< 0.0022	< 0.0022	< 0.0067	< 0.0022	< 0.0022	< 0.0022	< 0.0022	< 0.30	< 0.0022	< 0.011	--
SB-3	5/18/2011	**10**	--	--	< 0.22	< 0.0027	< 0.0027	< 0.0027	< 0.0081	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.36	< 0.0027	< 0.013	--
SB-3	5/18/2011	**15**	--	--	< 0.20	< 0.0024	< 0.0024	< 0.0024	< 0.0072	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.32	< 0.0024	< 0.012	--
SB-3	5/18/2011	**17**	--	--	< 0.26	< 0.0031	< 0.0031	< 0.0031	< 0.0093	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.41	< 0.0031	< 0.016	--
SB-3	5/18/2011	**20**	--	--	< 0.20	< 0.0024	< 0.0024	< 0.0024	< 0.0072	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.32	< 0.0024	< 0.012	--
SB-3	5/18/2011	**25**	--	--	< 0.31	< 0.0026	< 0.0026	< 0.0026	< 0.0077	< 0.0026	< 0.0026	< 0.0026	< 0.0026	< 0.34	< 0.0026	< 0.013	--
SB-3	5/18/2011	**30**	--	--	< 0.20	< 0.0023	< 0.0023	< 0.0023	< 0.0070	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.31	< 0.0023	< 0.012	--
SB-4	5/18/2011	**10**	--	--	< 0.24	< 0.0029	< 0.0029	< 0.0029	< 0.0086	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.38	< 0.0029	< 0.014	--
SB-4	5/18/2011	**15**	--	--	< 0.22	< 0.0027	< 0.0027	< 0.0027	< 0.0081	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.36	< 0.0027	< 0.013	--
SB-4	5/18/2011	**17**	--	--	< 0.34	< 0.0041	< 0.0041	< 0.0041	< 0.012	< 0.0041	< 0.0041	< 0.0041	< 0.0041	< 0.54	< 0.0041	< 0.020	--
SB-4	5/18/2011	**20**	--	--	< 0.25	< 0.0031	< 0.0031	< 0.0031	< 0.0092	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.41	< 0.0031	< 0.015	--
SB-4	5/18/2011	**24**	--	--	< 0.20	< 0.0024	< 0.0024	< 0.0024	< 0.0073	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.33	< 0.0024	< 0.012	--
SB-4	5/18/2011	**30**	--	--	< 0.17	< 0.0021	< 0.0021	< 0.0021	< 0.0063	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.28	< 0.0021	< 0.010	--
SB-5*	5/19/2011	**5**	--	--	< 0.35	< 0.0042	< 0.0042	< 0.0042	< 0.013	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.57	< 0.0042	< 0.021	--
SB-5	5/19/2011	**10**	--	--	< 0.28	< 0.0034	< 0.0034	< 0.0034	< 0.010	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.45	< 0.0034	< 0.017	--
SB-5	5/19/2011	**15**	--	--	< 0.30	< 0.0036	< 0.0036	< 0.0036	< 0.011	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.48	< 0.0036	< 0.018	--
SB-5	5/19/2011	**17**	--	--	< 0.28	< 0.0033	< 0.0033	< 0.0033	< 0.010	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.44	< 0.0033	< 0.017	--
SB-5	5/19/2011	**20**	--	--	< 0.22	< 0.0026	< 0.0026	< 0.0026	< 0.0079	< 0.0026	< 0.0026	< 0.0026	< 0.0026	< 0.35	< 0.0026	< 0.013	--
SB-5	5/19/2011	**25**	--	--	< 0.20	< 0.0025	< 0.0025	< 0.0025	< 0.0074	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.33	< 0.0025	< 0.012	--
SB-5	5/19/2011	**30**	--	--	< 0.20	< 0.0024	< 0.0024	< 0.0024	< 0.0072	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.32	< 0.0024	< 0.012	--
SB-5	5/19/2011	**35**	--	--	< 0.21	< 0.0025	< 0.0025	< 0.0025	< 0.0075	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.33	< 0.0025	< 0.12	--
SB-5	5/19/2011	**40**	--	--	< 0.26	< 0.0032	< 0.0032	< 0.0032	< 0.0095	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.42	< 0.0032	< 0.016	--
SB-6	6/7/2011	**6**	--	--	< 0.35	< 0.0042	< 0.0042	< 0.0042	< 0.013	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.57	< 0.0042	< 0.021	--
SB-6	6/7/2011	**10**	--	--	< 0.25	< 0.0030	< 0.0030	< 0.0030	< 0.0089	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.40	< 0.0030	< 0.015	--

TABLE 5
SUMMARY OF SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethylbenzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TBA[5] (mg/kg)	Naphthalene[5] (mg/kg)
SB-6	6/7/2011	**15**	--	--	**57.4**	**0.087**	**2.4**	**1.6**	**9.1**	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.31	**0.0099**	< 0.012	--
SB-6	6/7/2011	**17**	--	--	**21.6**	< 0.0024	< 0.0024	**0.087**	**0.42**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.32	< 0.0024	< 0.012	--
SB-6	6/7/2011	**20**	--	--	**0.21**	< 0.0024	< 0.0024	**0.0026**	**0.014**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.33	< 0.0024	< 0.012	--
SB-6	6/7/2011	**25**	--	--	< 0.25	< 0.0030	< 0.0030	< 0.0030	< 0.0091	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.41	< 0.0030	< 0.015	--
SB-6	6/7/2012	**30**	--	--	< 0.24	< 0.0028	< 0.0028	< 0.0028	< 0.0085	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.38	< 0.0028	< 0.014	--
SB-7	5/17/2011	**10**	--	--	< 0.30	< 0.0036	< 0.0036	< 0.0036	< 0.011	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.48	< 0.0036	< 0.018	--
SB-7	5/17/2011	**15**	--	--	**1,330**	**0.039**	**0.081**	**21.4**	**116**	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.33	< 0.0025	< 0.012	--
SB-7	5/18/2011	**17**	--	--	**1790 g**	**0.066 g**	< 0.042 g	**35.6 g**	**204 g**	< 0.0027 g	< 0.0027 g	< 0.0027 g	< 0.0027 g	< 0.35 g	< 0.0027 g	< 0.013 g	--
SB-7	5/18/2011	**20**	--	--	**4900 g**	**0.8 g**	**87.2 g**	**127 g**	**721 g**	< 0.040 g	< 0080 g	< 0.040 g	< 0.080 g	< 8.0 g	< 0.040 g	< 0.40 g	--
SB-7	5/18/2011	**25**	--	--	**0.43**	< 0.0034	**0.015**	**0.0081**	**0.048**	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.45	< 0.0034	< 0.017	--
SB-8	5/16/2012	**9**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-8	5/16/2012	**17.5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-8	5/16/2012	**23.5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-8	5/16/2012	**27.5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-10	6/21/2013	**3**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-10	6/21/2013	**5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-10	6/21/2013	**9**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
SB-10	6/21/2013	**9**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-1	5/25/1994	**5**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-1	5/25/1994	**10**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-1	5/25/1994	**15**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-1	5/25/1994	**19.5**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-2	5/24/1994	**5**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-2	5/24/1994	**10**	--	--	< 1.0	**0.012**	**0.03**	**0.012**	**0.21**	--	--	--	--	--	--	--	--
MW-2	5/24/1994	**12**	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--
MW-2	5/24/1994	**15**	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--
MW-2	5/24/1994	**17**	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--
MW-3	5/24/1994	**5**	--	--	< 1.0	< 0.005	**0.015**	< 0.005	**0.021**	--	--	--	--	--	--	--	--
MW-3	5/24/1994	**10**	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--
MW-3	5/24/1994	**15**	--	--	**4**	**0.4**	**0.12**	**0.05**	**0.58**	--	--	--	--	--	--	--	--
MW-3	5/24/1994	**17**	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--
MW-4	3/23/1995	**5**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	**0.0087**	--	--	--	--	--	--	--	--
MW-4	3/23/1995	**10**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	**0.031**	--	--	--	--	--	--	--	--
MW-4	3/23/1995	**15**	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--
MW-5	3/23/1995	**5**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-5	3/23/1995	**9.5**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	**0.01**	--	--	--	--	--	--	--	--
MW-5	3/23/1995	**11**	--	--	< 1.0	< 0.005	< 0.005	< 0.005	< 0.005	--	--	--	--	--	--	--	--
MW-5	3/23/1995	**15**	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--

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SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethylbenzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TBA[5] (mg/kg)	Naphthalene[5] (mg/kg)
MW-6	1/3/2007	**6**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-6	1/3/2007	**11**	--	--	**550 e**	**0.18 e**	**32 e**	**20 e**	**110 e**	< 0.12 e	< 0.12 e	< 0.12 e	< 0.025 e	< 25 e	< 0.12 e	< 5.0 e	--
MW-6	1/3/2007	**16.5**	--	--	**1300 e**	< 0.25 e	**1.3 e**	**10 e**	**38 e**	< 0.25 e	< 0.25 e	< 0.25 e	< 0.050 e	< 50 e	< 0.25 e	< 10 e	--
MW-6	1/3/2007	**19.5**	--	--	**310 e**	**0.089 e**	**2.7 e**	**10 e**	**37 e**	< 0.025 e	< 0.025 e	< 0.025 e	< 0.0050 e	< 5.0 e	**0.089 e**	< 1.0 e	--
MW-7	1/2/2007	**6**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-7	1/2/2007	**11**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-7	1/2/2007	**16.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-7	1/2/2007	**18**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-7	1/2/2007	**21.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-7	1/2/2007	**26**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-8	1/4/2007	**6**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-8	1/4/2007	**11**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-8	1/4/2007	**13**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-8	1/4/2007	**17.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-9	1/3/2007	**6**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-9	1/3/2007	**11**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-9	1/3/2007	**16**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0010	< 1.0	< 0.0050	< 0.20	--
MW-10	8/8/2008	**9**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-10	8/8/2008	**13**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-10R	4/12/2012	**18.5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-11	8/8/2008	**9.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-11	8/8/2008	**12**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-11	8/8/2008	**15**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-12B	8/4/2008	**12**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-12B	8/4/2008	**16**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-12B	8/4/2008	**18.5**	--	--	**17 e**	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-12B	8/4/2008	**19**	--	--	**430 e**	< 0.50 e	< 0.50 e	**3.4 e**	**7.6 e**	< 0.50 e	< 0.50 e	< 0.50 e	< 0.50 e	< 10 e	< 0.50 e	< 5.0 e	--
MW-12B	8/4/2008	**21.5**	--	--	**12 e**	< 0.0050	< 0.0050	**0.27**	**0.33**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-12B	8/8/2008	**23**	--	--	**76 e**	**0.0099 ef**	**0.011 ef**	**1.5 e**	**3.1 e**	< 0.025 e	< 0.025 e	< 0.025 e	< 0.025 e	< 5.0 e	**0.0034 ef**	< 0.25 e	--
MW-12B	8/8/2008	**27**	--	--	**2.2**	**0.0015 f**	< 0.0050	**0.028**	**0.056**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-13B	8/6/2008	**12**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-13B	8/6/2008	**15**	--	--	**3500 e**	**2.9 e**	**250 e**	**85 e**	**660 e**	< 1 e	< 1 e	< 1 e	< 1 e	< 25 e	< 1 e	< 12 e	--
MW-13B	8/6/2008	**17.5**	--	--	**2200 e**	**1.2 e**	**86 e**	**38 e**	**220 e**	< 1 e	< 1 e	< 1 e	< 1 e	< 25 e	< 1 e	< 12 e	--
MW-13B	8/6/2008	**19**	--	--	**620 e**	< 1 e	**12 e**	**14 e**	**73 e**	< 1 e	< 1 e	< 1 e	< 1 e	< 25 e	< 1 e	< 12 e	--
MW-13B	8/6/2008	**20.5**	--	--	**480 e**	< 0.005 e	**2.1 e**	**11 e**	**47 e**	< 0.005 e	< 0.005 e	< 0.005 e	< 0.005 e	< 10 e	< 0.005 e	< 5 e	--
MW-13B	8/11/2008	**24.5**	--	--	**12 e**	**0.040 ef**	**0.78 e**	**0.38 e**	**1.9 e**	< 0.005 e	< 0.005 e	< 0.005 e	< 0.005 e	< 10 e	**0.030 ef**	< 0.005 e	--
MW-13B	8/11/2008	**27.5**	--	--	**6.7 e**	**0.015**	**0.39**	**0.19**	**0.93**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	**0.0041 f**	< 0.050	--
MW-13B	8/11/2008	**30.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	**0.088**	--

TABLE 5
SUMMARY OF SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethylbenzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TBA[5] (mg/kg)	Naphthalene[5] (mg/kg)
MW-14B	8/7/2008	**12**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-14B	8/7/2008	**15**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-14B	8/7/2008	**18**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-14B	8/7/2008	**21**	--	--	**0.12 f**	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-14B	8/7/2008	**25**	--	--	**0.14 f**	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-14B	8/7/2008	**28.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-15B	8/6/2008	**13**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-15B	8/6/2008	**15**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-15B	8/6/2008	**17.5**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-15B	8/7/2008	**28**	--	--	< 0.20	< 0.0050	< 0.0050	< 0.0050	< 0.010	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 1.0	< 0.0050	< 0.050	--
MW-17B*	5/19/2011	**5**	--	--	< 0.19	< 0.0023	< 0.0023	< 0.0023	< 0.0068	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.30	< 0.0023	< 0.011	--
MW-17B	5/19/2011	**10**	--	--	< 0.20	< 0.0023	< 0.0023	< 0.0023	< 0.0070	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.31	< 0.0023	< 0.012	--
MW-17B	5/19/2011	**15**	--	--	< 0.21	< 0.0024	< 0.0024	< 0.0024	< 0.0072	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.32	< 0.0024	< 0.012	--
MW-17B	5/19/2011	**17**	--	--	< 0.20	< 0.0024	< 0.0024	< 0.0024	< 0.0073	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.32	< 0.0024	< 0.012	--
MW-17B	5/19/2011	**20**	--	--	< 0.21	< 0.0023	< 0.0023	< 0.0023	< 0.0068	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.30	< 0.0023	< 0.011	--
MW-17B	5/19/2011	**25**	--	--	< 0.33	< 0.0032	< 0.0032	< 0.0032	< 0.0097	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.43	< 0.0032	< 0.016	--
MW-17B	5/19/2011	**30**	--	--	< 0.22	< 0.0027	< 0.0027	< 0.0027	< 0.0080	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.35	< 0.0027	< 0.013	--
MW-18	5/16/2012	**15.5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-18	5/16/2012	**19.5**	--	--	**2,200**	**2.1**	**110**	**52**	**282**	< 0.40	< 0.40	< 0.40	< 0.40	--	< 0.40	< 2.0	**18**
MW-19	4/11/2012	**18**	--	--	**180**	< 0.025	< 0.025	**1.4**	**0.44**	< 0.025	< 0.025	< 0.025	< 0.025	--	< 0.025	< 0.15	**0.7**
MW-22	6/26/2013	**3**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-22	6/26/2013	**5**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-22	6/26/2013	**8**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-22	6/26/2013	**10**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-22	6/26/2013	**15**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-22	6/26/2013	**18**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050
MW-22	6/26/2013	**21**	--	--	< 1.0	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	< 0.0050	< 0.0050

Analytical Notes:
Results in bold exceed applicable action limits
-- - No information available
< = Not detected at or above the indicated laboratory reporting limit
mg/kg - milligrams/kilograms
1 Analyzed by EPA method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015 M between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present
4 Analyzed by EPA Method 8020 between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present
5 Analyzed by EPA Method 8260B
* Sample may not be representative of in-situ conditions because the boring was air knifed to a depth of 5 feet prior to sampling
b Chromatograph pattern: Deisel and non-deisel mixture (<C14; >C22).
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.

DIPE Di-isopropyl ether
EDB Ethylene dibromide
EPA Environmental Protection Agency
ETBE Ethyl tertiary butyl ether
MTBE Methyl tertiary butyl ether
PQL Practical Quantitation Limit
TAME Tert-amyl methyl ether
TBA Tertiary butyl alcohol
TOG Total oil and grease
TPH-DRO Total petroleum hydrocarbons as diesel range organics
TPH-GRO Total petroleum hydrocarbons as gasonline range organics
1,2-DCA 1,2-Dichloroethane

TABLE 5
SUMMARY OF SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethylbenzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TBA[5] (mg/kg)	Naphthalene[5] (mg/kg)

e The PQL's and MDL's was raised due to sample dilution

f Estimated Value (CLP Flags)

g Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toulene-d8 (S) and 4-Bromofluorobenzene (S).

TABLE 6
SUMMARY OF ADDITIONAL SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloroform[6] (mg/kg)	Vinyl chloride[6] (mg/kg)	Cadmium[7] (mg/kg)	Chromium[7] (mg/kg)	Nickel[7] (mg/kg)	Lead[7] (mg/kg)	Zinc[7] (mg/kg)
WO1	8/11/1992	**8**	**0.0064**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**1.1**	**67**	**73**	**6**	**44**
SB-1	5/18/2011	**5**	< 0.0022	< 0.0022	< 0.0022	< 0.0022	< 0.0022	--	--	--	--	--
SB-1	5/18/2011	**10**	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	--	--	--	--	--
SB-1	5/18/2011	**20**	< 0.0022	< 0.0022	< 0.0022	< 0.0022	< 0.0022	--	--	--	--	--
SB-1	5/18/2011	**25**	**0.0083**	< 0.0025	< 0.0025	< 0.0025	< 0.0025	--	--	--	--	--
SB-3	5/18/2011	**5**	< 0.0022	< 0.0022	< 0.0022	< 0.0022	< 0.0022	--	--	--	--	--
SB-3	5/18/2011	**10**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	--	--	--	--	--
SB-3	5/18/2011	**15**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
SB-3	5/18/2011	**17**	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031	--	--	--	--	--
SB-3	5/18/2011	**20**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
SB-3	5/18/2011	**25**	< 0.0026	< 0.0026	< 0.0026	< 0.0026	< 0.0026	--	--	--	--	--
SB-3	5/18/2011	**30**	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	--	--	--	--	--
SB-4	5/18/2011	**10**	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	--	--	--	--	--
SB-4	5/18/2011	**15**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	--	--	--	--	--
SB-4	5/18/2011	**17**	**0.005**	< 0.0041	< 0.0041	< 0.0041	< 0.0041	--	--	--	--	--
SB-4	5/18/2011	**20**	**0.0041**	< 0.0031	< 0.0031	< 0.0031	< 0.0031	--	--	--	--	--
SB-4	5/18/2011	**24**	**0.006**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
SB-4	5/18/2011	**30**	**0.003**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	--	--	--	--	--
SB-5*	5/19/2011	**5**	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	--	--	--	--	--
SB-5	5/19/2011	**10**	< 0.0034	< 0.0034	< 0.0034	< 0.0034	< 0.0034	--	--	--	--	--
SB-5	5/19/2011	**15**	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.0036	--	--	--	--	--
SB-5	5/19/2011	**17**	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	--	--	--	--	--
SB-5	5/19/2011	**20**	< 0.0026	< 0.0026	< 0.0026	< 0.0026	< 0.0026	--	--	--	--	--
SB-5	5/19/2011	**25**	**0.0037**	< 0.0025	< 0.0025	< 0.0025	< 0.0025	--	--	--	--	--
SB-5	5/19/2011	**30**	**0.0093**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
SB-5	5/19/2011	**35**	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	--	--	--	--	--
SB-5	5/19/2011	**40**	**0.0037**	< 0.0032	< 0.0032	< 0.0032	< 0.0032	--	--	--	--	--
SB-6	6/7/2011	**6**	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	--	--	--	--	--
SB-6	6/7/2011	**10**	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	--	--	--	--	--
SB-6	6/7/2011	**15**	**0.0052**	< 0.0023	< 0.0023	< 0.0023	< 0.0023	--	--	--	--	--
SB-6	6/7/2011	**17**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
SB-6	6/7/2011	**20**	**0.031**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
SB-6	6/7/2011	**25**	**0.0097**	< 0.0030	< 0.0030	< 0.0030	< 0.0030	--	--	--	--	--
SB-6	6/7/2012	**30**	**0.015**	< 0.0028	< 0.0028	< 0.0028	< 0.0028	--	--	--	--	--
SB-7	5/17/2011	**10**	< 0.0036	< 0.0036	< 0.0036	< 0.0036	< 0.0036	--	--	--	--	--
SB-7	5/17/2011	**15**	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	--	--	--	--	--

TABLE 6
SUMMARY OF ADDITIONAL SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloroform[6] (mg/kg)	Vinyl chloride[6] (mg/kg)	Cadmium[7] (mg/kg)	Chromium[7] (mg/kg)	Nickel[7] (mg/kg)	Lead[7] (mg/kg)	Zinc[7] (mg/kg)
SB-7	5/18/2011	**17**	**0.0061 g**	< 0.0027 g	< 0.0027 g	< 0.0027 g	< 0.0027 g	--	--	--	--	--
SB-7	5/18/2011	**20**	< 0.040 g	< 0.040 g	< 0.040 g	**0.19 g**	< 0.040 g,h,i	--	--	--	--	--
SB-7	5/18/2011	**25**	**0.049**	**0.0048**	**0.0042**	< 0.0034	< 0.0034	--	--	--	--	--
SB-8	5/16/2012	**9**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	--	--	--	--
SB-8	5/16/2012	**17.5**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	--	--	--	--
SB-8	5/16/2012	**23.5**	**0.012**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	--	--	--	--
SB-8	5/16/2012	**27.5**	**0.013**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	--	--	--	--
MW-10R	4/12/2012	**18.5**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	--	--	--	--
MW-17B*	5/19/2011	**5**	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	--	--	--	--	--
MW-17B	5/19/2011	**10**	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	--	--	--	--	--
MW-17B	5/19/2011	**15**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
MW-17B	5/19/2011	**17**	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0024	--	--	--	--	--
MW-17B	5/19/2011	**20**	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	--	--	--	--	--
MW-17B	5/19/2011	**25**	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	--	--	--	--	--
MW-17B	5/19/2011	**30**	**0.026**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	--	--	--	--	--
MW-18	5/16/2012	**15.5**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	--	--	--	--	--
MW-18	5/16/2012	**19.5**	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	--	--	--	--	--
MW-19	4/11/2012	**18**	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	--	--	--	--	--
MW-22	6/26/2013	**3**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
MW-22	6/26/2013	**5**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
MW-22	6/26/2013	**8**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
MW-22	6/26/2013	**10**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
MW-22	6/26/2013	**15**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
MW-22	6/26/2013	**18**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
MW-22	6/26/2013	**21**	**0.0059**	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
OWS-S	1/12/1996	**4.5**	< 0.005 c	< 0.005 c	< 0.005 c	< 0.005 c	< 0.005 c	< 0.5	**160**	**99**	**12**	**69**
SB-10	6/21/2013	**3**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
SB-10	6/21/2013	**5**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--
SB-10	6/21/2013	**9**	< 0.0050	< 0.0050	< 0.0050	--	< 0.0050	--	--	--	--	--

Analytical Notes:
Results in bold exceed applicable action limits
-- - No information available
< = Not detected at or above the indicated laboratory reporting limit
mg/kg - milligrams/kilograms
6 Analyzed by EPA Method 8010 in 8/1992; 8260B.

EPA	Environmental Protection Agenc
PQL	Practical Quantitation Limit
PCE	Tetrachloroethulene
TCE	Trichloroethylene
cis-1,2-DCE	cis-1,2-dichloroethylene

TABLE 6
SUMMARY OF ADDITIONAL SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample I.D.	Date	Sample Depth (feet)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloroform[6] (mg/kg)	Vinyl chloride[6] (mg/kg)	Cadmium[7] (mg/kg)	Chromium[7] (mg/kg)	Nickel[7] (mg/kg)	Lead[7] (mg/kg)	Zinc[7] (mg/kg)

7 Analyzed by EPA Method 6000/7000.
* Sample may not be representative of in-situ conditions because the boring was air knifed to a depth of 5 feet prior to sampling
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
g Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toulene-d8 (S) and 4-Bromofluorobenzene (S).
h Analyte recovery in the laboratory control sample (LCS) was below QC limits. Result may be biased low.
i Result confirmed by second analysis.

TABLE 7
SUMMARY OF SOIL VAPOR ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Sample ID	Sampled	Depth	2-Propanol (Leak Check Compound)	EPA TO-3	EPA - TO-14A or TO-15 or TO-15SIM																ASTM D-1946				Field Measure	
				TPPH	1,3-DCB	Benzene	Toluene	Ethylbenzene	O-Xylene	P/M-Xylene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	EDB	1,2-DCA	Ethanol	PCE	Naphthalene	Methane	Carbon Dioxide	Oxygen	Helium	Lowest He in Shroud	Calculated He Leak
			(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(%)	(%)	(%)	(%)	(%)	(%)
Atmospheric Fixed Gas Concentrations:			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00017	**0.040**	**20.95**	**0.000524**	--	--
VP-1	01/19/07	5	<7.2	<150	<4.4	<2.3	16	<3.2	<3.2	8.2		<2.6	<22	<12	<12	<12	<4.4	<3.0	<5.5	--	--	<0.00015	0.46	22	--	--	--
	02/01/07	5	<6.6	<140	<4.0	<2.1	5.4	<2.9	3.5	6.3		<2.4	<20	<11	<11	<11	<4.0	<2.7	<5.0	--	--	<0.00013	0.5	21	--	--	--
	08/23/13	5	--	<3800	--	<2.3	<2.7	<3.1	<3.1	<12	<15.1	<10	<8.7	<12	<12	<12	<5.5	<2.9	15	19	<37	<0.500	1.51	20.3	0.0162	41	0.0
	01/14/14	5	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	6.8	<26	<0.500	0.538	20.8	<0.0100	54	0.0
VP-2	01/19/07	5	<6.8	<140	<4.2	<2.2	3.4	3.2	13	3.5	16.5	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	0.6	33	--	--	--
	01/19/07*	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.00014	0.6	33	--	--	--
	02/01/07	5	<6.8	<140	<4.2	<2.2	<2.6	<3.0	6.3	<3.0	6.3	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	0.6	21	--	--	--
VP-3	01/19/07	5	<7.3	750	<4.5	<2.2	13	14	29	42	71	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	<0.00015	1.0	21	--	--	--
	01/19/07*	5	<7.3	--	<4.5	<2.4	13	15	30	43	73	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	--	--	--	--	--	--
	02/01/07	5	12	270	<4.2	<2.2	3.7	5.8	12	7.8	20	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	1.0	20	--	--	--
	02/01/07*	5	--	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/06/07	5	16	<230	<6.7	<3.6	<4.2	<4.8	<4.8	<4.8	<9.6	<4.0	<34	<19	<19	<19	<6.7	<4.5	<8.4	--	--	<0.00022	1.7	20	--	--	--
	08/23/13	5	--	<3800	--	<2.1	7.0	3.5	8.1	24	32.1	<9.3	<7.8	<11	<11	<11	<5.0	<2.6	22	56	<34	<0.500	2.36	18.2	0.0216	40.6	0.1
	01/14/14	5	--	<3800	--	2.0	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	36	<26	<0.500	1.87	18.8	<0.0100	46	0.0
SS-1	08/22/13	--	--	<3800	--	<1.9	<2.3	<2.6	<2.6	<11	<13.6	<8.8	<7.4	<10	<10	<10	<4.7	<2.5	17	2,200	<32	<0.500	0.990	20.6	0.627	46	1.4
	01/14/14	--	--	<3800	--	5.4	19	3.3	4.8	14	18.8	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	80	12	<26	<0.500	<0.500	18.0	18.3	51	35.9
	02/20/14	--	--	14,000	--	0.12	0.45	0.21	0.25	0.27	0.52	<0.099	<7.8	<11	<11	<11	<4.9	<2.6	<12	2,100	0.16	<0.500	1.38	19.7	0.0832	40.3	0.2
SS-2	08/22/13	--	--	<3800	--	<2.9	6.2	4.4	10	19	29	<13	<11	<15	<15	<15	<7.0	<3.7	<17	88	<48	<0.500	0.917	20.6	0.0380	44	0.1
	01/14/14	--	--	<3800	--	50	21	5.2	5.5	15	20.5	18	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	63	57	<26	<0.500	0.788	20.3	0.0740	49	0.2
	02/20/14	--	--	<3800	--	0.61	2.3	0.97	1.2	3.1	4.3	<0.098	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	3.9	53	0.20	<0.500	0.876	20.4	0.0459	40.1	0.1
	01/14/15	--	--	<3800	--	0.39	0.89	0.22	0.35	0.76	1.11	<0.12	<6.1	<8.4	<8.4	<8.4	<3.8	<0.13	<9.4	--	0.22	<0.500	0.599	21.1	0.021	34	0.1
	1/14/2015*	--	--	<3800	--	0.98	3.6	0.52	0.59	2.00	2.59	0.34	<6.1	<8.4	<8.4	<8.4	<3.8	<0.12	<9.4	--	0.18	<0.500	0.677	21.0	0.0415	34	0.1
SS-3	08/22/13	--	--	<3800	--	<2.0	<2.4	<2.7	<2.7	<11	<13.7	<9.0	<7.6	<10	<10	<10	<4.8	<2.5	<12	5.0	<33	<0.500	1.96	19.2	0.0402	42	0.1
	01/14/14	--	--	<3800	--	14	61	<11	23	<43	23	<36	<30	47	<42	<42	<19	<10	100	<17	<130	<0.500	2.61	18.3	<0.0100	51	0.0
	01/14/14*	--	--	<3800	--	13	15	<11	<11	<43	<54	<36	<30	<42	<42	<42	<19	<10	120	<17	<130	<0.500	2.75	18.1	<0.0100	49	0.0
	02/20/14	--	--	<3800	--	0.54	0.54	0.13	0.14	0.34	0.48	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	3.7	4.7	0.18	<0.500	2.28	19.4	0.0102	40.1	0.0
	02/20/14*	--	--	5100	--	<0.085	<0.20	<0.12	<0.12	0.15	0.15	<0.096	0.57	<8.4	<8.4	<8.4	<3.8	<2.0	4.1	5.7	0.15	<0.500	2.33	19.3	<0.0100	40.1	0.0
	01/14/15	--	--	4300	--	0.42	0.49	0.15	0.16	0.40	0.56	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<0.10	<9.4	--	0.096	<0.500	2.15	19.3	0.0334	36	0.1
SS-4	08/22/13	--	--	<3800	--	<2.5	<2.9	<3.4	<3.4	<14	<17.4	<11	<9.5	<13	<13	<13	<6.0	<3.2	170	<5.3	<41	<0.500	1.29	19.8	0.0732	44	0.2
	08/22/13*	--	--	<3800	--	<2.4	<2.8	<3.2	<3.2	<13	<16.2	<11	<9.0	<12	<12	<12	<5.7	<3.0	170	<5.1	<39	<0.500	1.26	19.8	0.0728	44	0.2
	01/21/14	--	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	20	4.5	<26	<0.500	1.87	19.6	0.195	43	0.5

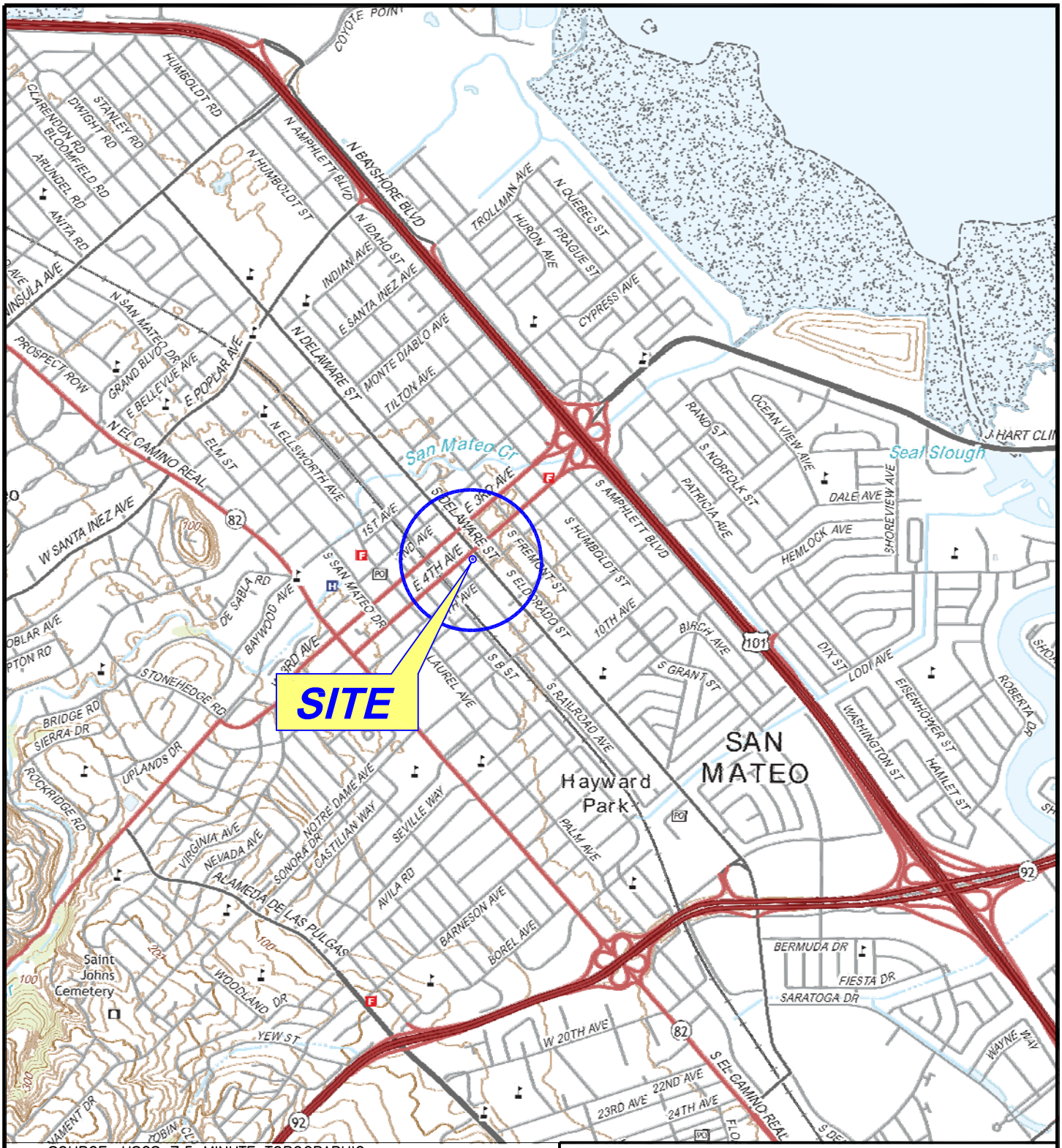
Notes:

<	Analyte not detected above indicated laboratory reporting limit	1,3-DCB	1,3- Dichlorobenzene	TAME	Tertiary amyl methyl ether	ETBE	Ethyl tertiary butyl ether	He	Helium
µg/m³	Microgram per cubic meter	1,4-DCB	1,4- Dichlorobenzene	TPPH	Total purgeable petroleum hydrocarbons	DIPE	Di-Isopropyl ether		
µg/L	Microgram per cubic liter	1,2- DCA	1,2- Dichloroethane	TBA	Tertiary butyl alcohol	MTBE	Methyl tertiary butyl ether		
*	Field Duplicate Sample	EDB	Ethylene dibromide	EPA	Environmental Protection Agency	PCE	Tetrachloroethene		

VOC analyses: 2007 Samples analyzed by TO-14A, 8/2013 and 1/2014 samples analyzed by TO-15, 2/2014 samples analyzed by TO-15 SIM
SS-1 through SS-4 are subslab vapor points.
Shallow gas screening levels taken from SF Bay RWQCB Table E-2
Sub-slab screening levels based on a 0.05 attenuation factor to indoor air.
Indoor Air Screening Level: Environmental Screening Level for Indoor Air Quality established by the San Francisco Regional Water Quality Control Board, Decemeber 2013
Carbon dioxide and methane atmospheric levels taken from http://cdiac.ornl.gov/pns/current_ghg.html
Oxygen and helium atmospheric levels taken from http://nssdc.gsfc.nasa.gov/planetary/factsheet/earthfact.html
Samples collected from SS-1, SS-2 and SS-3 on 1/14/14 are believed to have been compromised from outside contaminant source, data not used in interpretation.

Figures

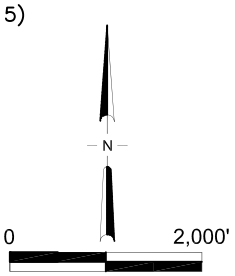
Figure 1	Site Location Map
Figure 2A	Extended Site Plan
Figure 2B	Site Detail Plan
Figure 3A	Stratigraphic Cross Section Line A-A’
Figure 3B	Stratigraphic Cross Section Line B-B’
Figure 4	Sensitive Receptor Map
Figure 5A	Fuel Hydrocarbon Distribution in Soil 1992-1996
Figure 5B	Fuel Hydrocarbon Distribution in Soil 2006-2008
Figure 5C	Fuel Hydrocarbon Distribution in Soil 2011-2013
Figure 6	Soil Analytical Map 0-10 ft Below Ground Surface
Figure 7A	Benzene Concentrations on Groundwater 2013 - 2016
Figure 7B	MTBE Concentrations on Groundwater 2013 – 2016
Figure 8	Dissolved phase GRO Isoconcentration Map – July 14, 2016
Figure 9	Dissolved phase Benzene Isoconcentration Map – July 14, 2016



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SAN MATEO QUADRANGLE (2015)



SITE LOCATION



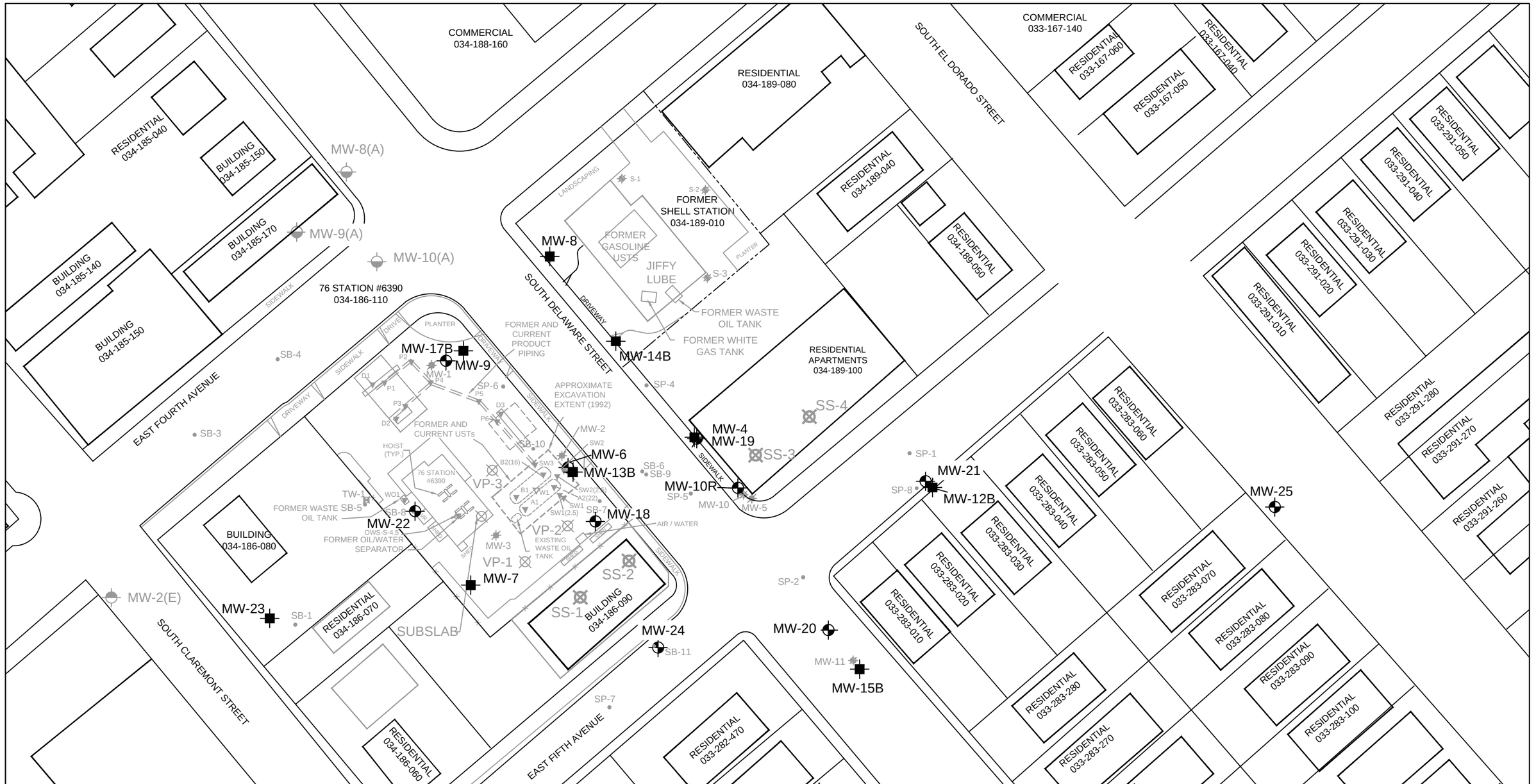
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLMed		PREPARED BY R. BUSSARD	
DATE 16 SEPT 16	REV. 2	REVIEWED BY	

anteagroup



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

N

0 60'

SCALE

FIGURE 2A
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	TB	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
3/3/17	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	E

BUILDING #034-185-170
MW-10(A)
MW-8
SIDEWALK
EAST FOURTH AVENUE
DRIVE
PLANTER
SOUTH DELAWARE STREET
DRIVEWAY
FORMER AND CURRENT PRODUCT PIPING
MW-17B
MW-1
MW-9
MW-14B
P2
SIDEWALK
D1
P4
SP-6
P1
P5
APPROXIMATE EXCAVATION EXTENT (1992)
P3
D3
P6
D2
HOIST (TYP.)
MW-2
SW2
SB-10
MW-6
IRRIGATION CONTROL BOX
B2(18)
SW3
MW-13B
76 STATION #6390
VP-3
B1
W1
SW2(2.5)
A2(22)
FORMER WASTE OIL TANK
TW-1
SB-5
WO1
MW-22
SB-8
A1
SW1
SB-7
SW1(2.5)
VR
OWS-S-4.5
MW-18
SHED
VP-2
FORMER OIL/WATER SEPARATOR
MW-3
EXISTING WASTE OIL TANK
VP-1
SS-2
SUBSLAB
FORMER AND CURRENT USTs
MW-7
SS-1
RESIDENTIAL BUILDING #034-186-070
BUILDING #034-186-090 (521 E 5TH AVE)

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH
- MW-9 — GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-4 — DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- S-1, MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- W1 — WATER SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

UTILITY EXPLANATION

- E — UNDERGROUND ELECTRICAL LINE
- W — UNDERGROUND WATER LINE
- S — UNDERGROUND SEWER LINE
- C — UNDERGROUND COMMUNICATIONS LINE
- G — UNDERGROUND GAS LINE
- TS — TRAFFIC SYSTEM LINE
- U — UNKNOWN UTILITY LINE
- AREA LIGHT

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

N

0 20'

SCALE

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2B
SITE DETAIL PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	DC	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
5/31/17	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-SiteS	C

WEST A

EAST A'

TACO BELL | 76 SERVICE STATION NO. 6390 | S. DELAWARE ST | E 5TH AVE | RESIDENTIAL

MW-23 | SB-5 TW-1 SB-8 MW-22* | STATION | MW-3 | B-B' | MW-18 | MW-10 | MW-10R | MW-5 | MW-21 | MW-12B | HOUSE | MW-25

ELEVATION (FEET NAVD88)

20 15 10 5 0 -5 -10 -15 -20 -25

MW-22 (6/26/13)			
Dp	GRO	B	MTBE
3	< 1.0	< 0.0050	< 0.0050
5	< 1.0	< 0.0050	< 0.0050
8	< 1.0	< 0.0050	< 0.0050
10	< 1.0	< 0.0050	< 0.0050
15	< 1.0	< 0.0050	< 0.0050
18	< 1.0	< 0.0050	< 0.0050
21	< 1.0	< 0.0050	< 0.0050

SB-5 (5/19/11)			
Dp	GRO	B	MTBE
5	< 0.35	< 0.0042	< 0.0042
10	< 0.28	< 0.0034	< 0.0034
15	< 0.30	< 0.0036	< 0.0036
17	< 0.28	< 0.0033	< 0.0033
20	< 0.22	< 0.0026	< 0.0026
25	< 0.20	< 0.0025	< 0.0025
30	< 0.20	< 0.0024	< 0.0024
35	< 0.21	< 0.0025	< 0.0025
40	< 0.26	< 0.0032	< 0.0032

SB-8 (5/16/12)			
Dp	GRO	B	MTBE
9	< 1.0	< 0.0050	< 0.0050
17.5	< 1.0	< 0.0050	< 0.0050
23.5	< 1.0	< 0.0050	< 0.0050
27.5	< 1.0	< 0.0050	< 0.0050

MW-18 (5/16/12)			
Dp	GRO	B	MTBE
15.5	< 1.0	< 0.0050	< 0.0050
19.5	2200	2.1	< 0.40

MW-3 (5/24/94)			
Dp	GRO	B	MTBE
5	< 1.0	< 0.005	--
10	1.2	0.012	--
15	4	0.4	--
17	810	6.3	--

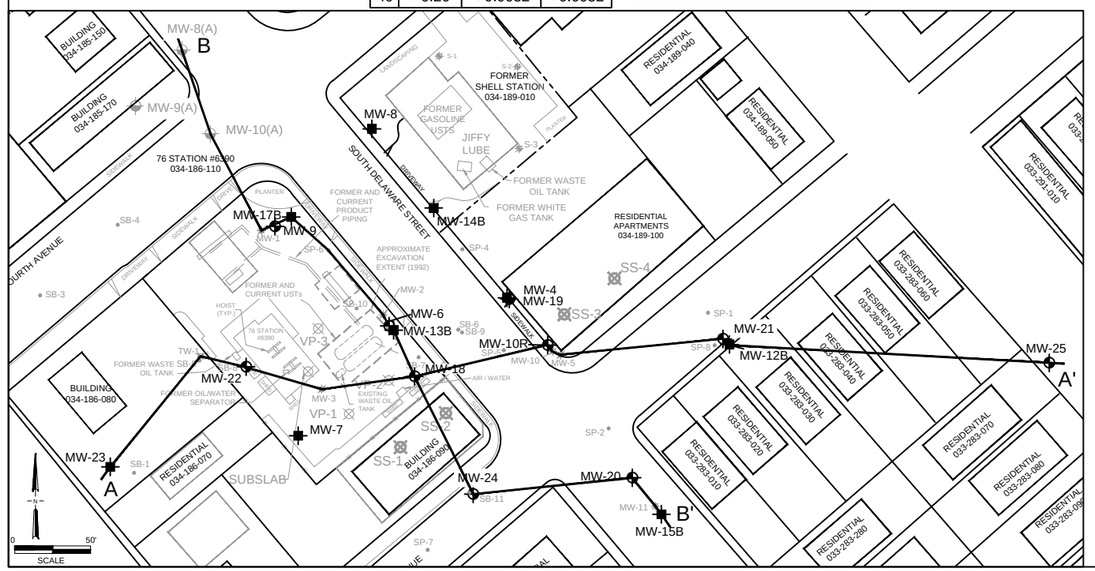
MW-10R (4/12/12)			
Dp	GRO	B	MTBE
18.5	< 1.0	< 0.0050	< 0.0050

MW-10 (8/8/08)			
Dp	GRO	B	MTBE
9	< 0.20	< 0.0050	< 0.0050
13	< 0.20	< 0.0050	< 0.0050

MW-5 (3/23/95)			
Dp	GRO	B	MTBE
5	< 1.0	< 0.005	--
9.5	< 1.0	< 0.005	--
11	< 1.0	< 0.005	--
15	9.4	0.25	--

MW-12B (8/4/08)			
Dp	GRO	B	MTBE
12	< 0.20	< 0.0050	< 0.0050
16	< 0.20	< 0.0050	< 0.0050
18.5	17 e	< 0.0050	< 0.0050
19	430 e	< 0.50 e	< 0.50 e
21.5	12 e	< 0.0050	< 0.0050
23	76 e	0.0099 ef	0.0034 ef
27	2.2	0.0015 f	< 0.0050

0 50
SCALE IN FEET
10



LEGEND

MW-6 WELL / BORING NAME

TOP OF CASING

WELL CASING / EXPLORATORY BORING

SOIL SAMPLE LOCATION

WELL SCREEN INTERVAL

GRAVEL/ SILTY GRAVEL / CLAYEY GRAVEL

FINE GRAIN MATERIAL (CLAY, SILT)

SAND / SILTY SAND / CLAYEY SAND

APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

* NOT USED IN STRATIGRAPHIC INTERPRETATION

ANALYTICAL NOTES:

Dp: DEPTH BELOW GROUND SURFACE (FEET)
GRO: TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
B: BENZENE
MTBE: METHYL TERTIARY BUTYL ETHER
<: LESS THAN LABORATORY INDICATED REPORTING LIMITS
e: THE PQLs AND MDLs WERE RAISED DUE TO SAMPLE DILUTION
f: ESTIMATED VALUE (CLP FLAGS)
--: NOT ANALYZED
CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L).

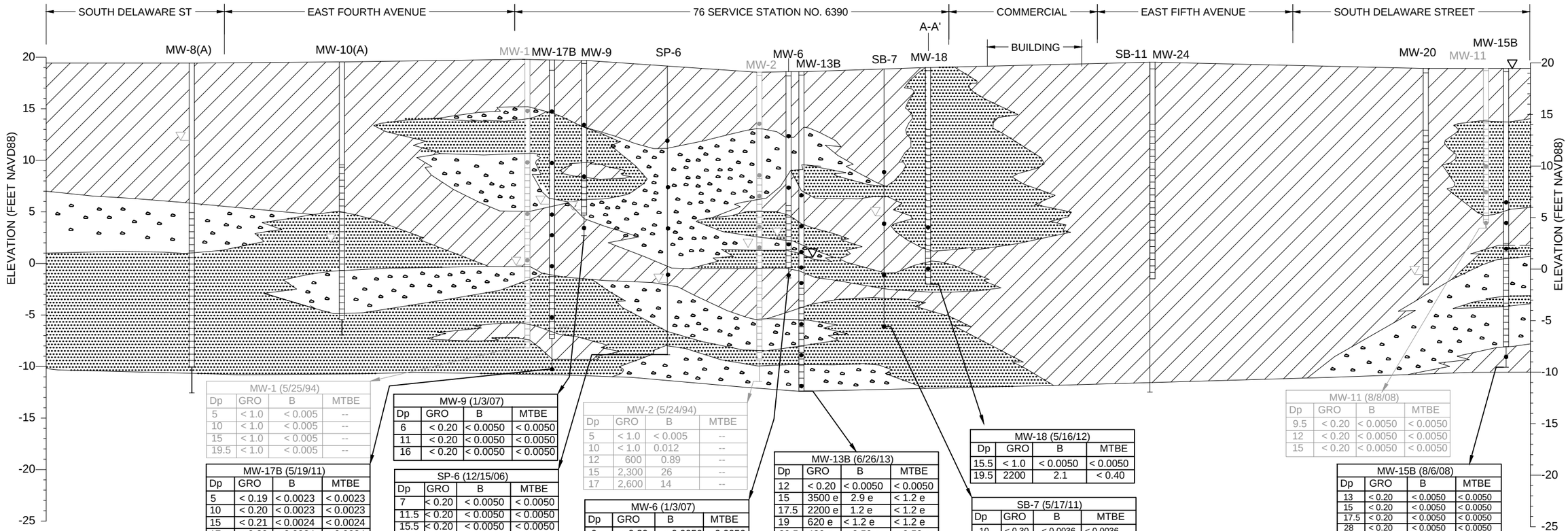
FIGURE 3A
STRATIGRAPHIC CROSS SECTION LINE A - A'

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	RB	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	6/13/17	JF	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	D

NORTHWEST B

SOUTHEAST B'



MW-1 (5/25/94)			
Dp	GRO	B	MTBE
5	< 1.0	< 0.005	--
10	< 1.0	< 0.005	--
15	< 1.0	< 0.005	--
19.5	< 1.0	< 0.005	--

MW-17B (5/19/11)			
Dp	GRO	B	MTBE
5	< 0.19	< 0.0023	< 0.0023
10	< 0.20	< 0.0023	< 0.0023
15	< 0.21	< 0.0024	< 0.0024
17	< 0.20	< 0.0024	< 0.0024
20	< 0.21	< 0.0023	< 0.0023
25	< 0.33	< 0.0032	< 0.0032
30	< 0.22	< 0.0027	< 0.0027

MW-9 (1/3/07)			
Dp	GRO	B	MTBE
6	< 0.20	< 0.0050	< 0.0050
11	< 0.20	< 0.0050	< 0.0050
16	< 0.20	< 0.0050	< 0.0050

SP-6 (12/15/06)			
Dp	GRO	B	MTBE
7	< 0.20	< 0.0050	< 0.0050
11.5	< 0.20	< 0.0050	< 0.0050
15.5	< 0.20	< 0.0050	< 0.0050
20	68 e	< 0.050 e	< 0.050 e

MW-2 (5/24/94)			
Dp	GRO	B	MTBE
5	< 1.0	< 0.005	--
10	< 1.0	0.012	--
12	600	0.89	--
15	2,300	26	--
17	2,600	14	--

MW-6 (1/3/07)			
Dp	GRO	B	MTBE
6	< 0.20	< 0.0050	< 0.0050
11	550 e	0.18 e	< 0.12 e
16.5	1300 e	< 0.25 e	< 0.25 e
19.5	310 e	0.089 e	0.089 e

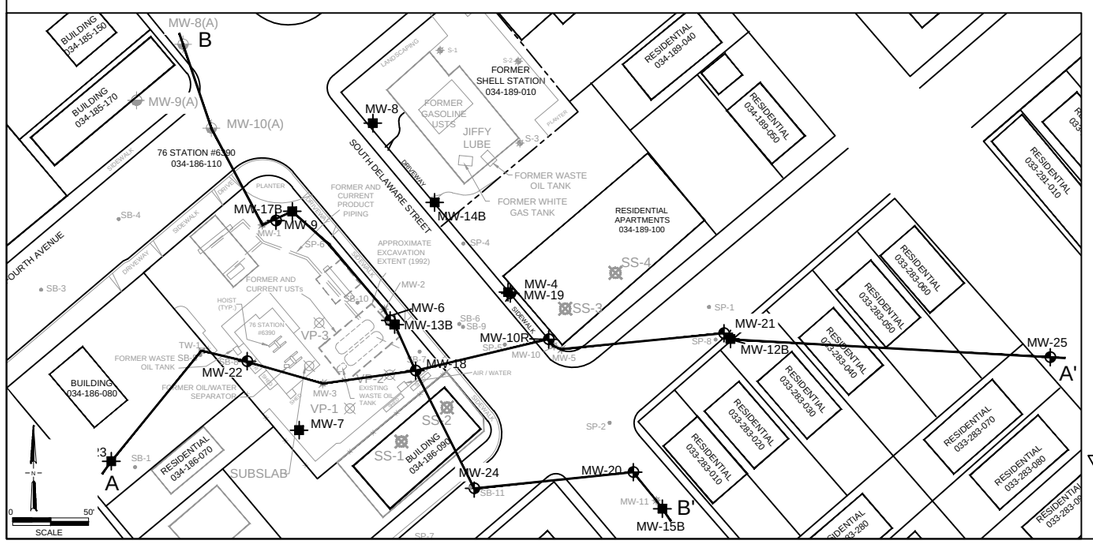
MW-13B (6/26/13)			
Dp	GRO	B	MTBE
12	< 0.20	< 0.0050	< 0.0050
15	3500 e	2.9 e	< 1.2 e
17.5	2200 e	1.2 e	< 1.2 e
19	620 e	< 1.2 e	< 1.2 e
20.5	480 e	< 0.50 e	< 0.50 e
24.5	12 e	0.040 ef	0.030 ef
27.5	6.7 e	0.015	0.0041 f
30.5	< 0.20	< 0.0050	< 0.0050

MW-18 (5/16/12)			
Dp	GRO	B	MTBE
15.5	< 1.0	< 0.0050	< 0.0050
19.5	2200	2.1	< 0.40

SB-7 (5/17/11)			
Dp	GRO	B	MTBE
10	< 0.30	< 0.0036	< 0.0036
15	1330	0.039	< 0.0025
17	1790 g	0.066 g	< 0.0027 g
20	4900 g	0.8 g	< 0.040 g
25	0.43	< 0.0034	< 0.0034

MW-11 (8/8/08)			
Dp	GRO	B	MTBE
9.5	< 0.20	< 0.0050	< 0.0050
12	< 0.20	< 0.0050	< 0.0050
15	< 0.20	< 0.0050	< 0.0050

MW-15B (8/6/08)			
Dp	GRO	B	MTBE
13	< 0.20	< 0.0050	< 0.0050
15	< 0.20	< 0.0050	< 0.0050
17.5	< 0.20	< 0.0050	< 0.0050
28	< 0.20	< 0.0050	< 0.0050



LEGEND

- MW-6 — WELL / BORING NAME; TOP OF CASING; WELL CASING / EXPLORATORY BORING
- SOIL SAMPLE LOCATION
- WELL SCREEN INTERVAL
- FIRST ENCOUNTERED WATER
- (A) — ARCO WELL
- GRAVEL/ SILTY GRAVEL / CLAYEY GRAVEL
- FINE GRAIN MATERIAL (CLAY, SILT)
- SAND / SILTY SAND / CLAYEY SAND
- APPROXIMATE STRATIGRAPHIC BOUNDARY -DASHED WHERE INFERRED

NOTE: STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

0 — 50 — SCALE IN FEET — 10

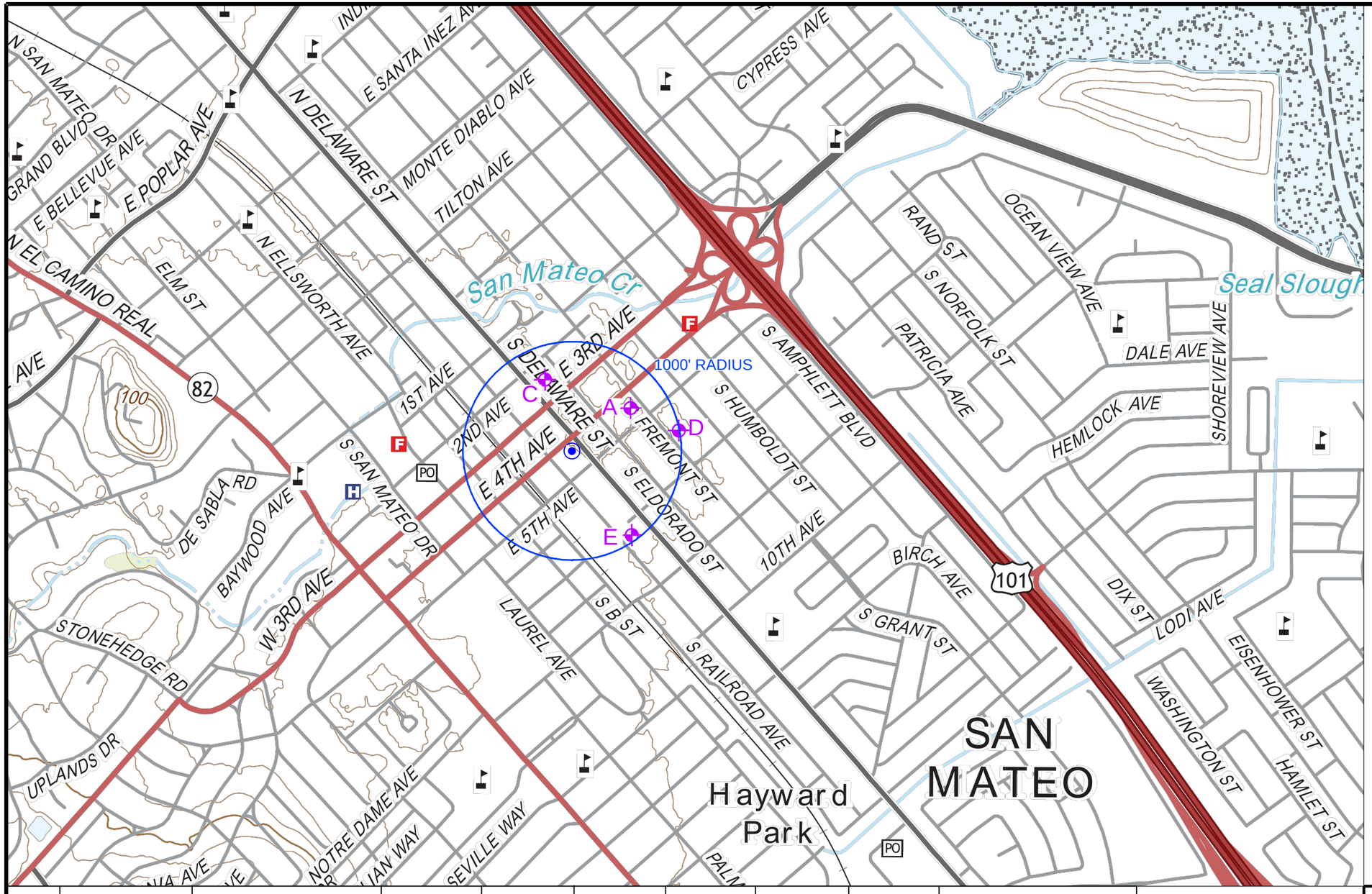
ANALYTICAL NOTES:

Dp: DEPTH BELOW GROUND SURFACE (FEET)
GRO: TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
B: BENZENE
MTBE: METHYL TERTIARY BUTYL ETHER
<: LESS THAN LABORATORY INDICATED REPORTING LIMITS
e: THE PQLs AND MDLs WERE RAISED DUE TO SAMPLE DILUTION
f: ESTIMATED VALUE (CLP FLAGS)
g: SURROGATE RECOVERY OUTSIDE LIMITS DUE TO MATRIX INTERFERENCES (NOT CONFIRMED BY RE-ANALYISIS). NOTED ON TOLUENE-D8(S) AND 4-BROMOFLUOROBENZENE(S)
--: NOT ANALYZED
CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L).

FIGURE
STRATIGRAPHIC CROSS SECTION LINE B - B'

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	RB	JH	anteagroup
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	6/13/17	JF	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	E



LEGEND

WELL LOCATION (SEE TABLE BELOW)

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SAN MATEO QUADRANGLE (2015)

N

0 1,000'

SCALE

CALIF

SITE LOCATION

Map ID	Location	Estimated Distance from Site (Feet)	Direction from Site	Use	Installation Date	Well Depth (Feet)	Screen Interval	Status	Source
A	728 E. 4th Avenue	675	NE	Private Irrigation	--	--	--	Unknown	San Mateo County*
C	216 S. El Dorado Street	775	NNW	Private Irrigation	--	--	--	Inactive	Canvas Survey†(confirmed March 2017)
D	521 S. Fremont Street	925	ENE	Private Irrigation	--	--	--	Active as of 2006	Canvas Survey*
E	800 S Claremont Street	950	SSE	Irrigation	2004	200	20-120; 160-200	Active	CDWR Report (confirmed March 2017)

Notes:

* February 15, 2006 Site Conceptual Model and Corrective Action Evaluation by RRM, Inc. for Former Wickland Oil Regal Service Station at 706 East Fourth Street, San Mateo, CA

† May 4, 2009 Additional Assessment and Sensitive Receptor Survey Report by Stantec Consulting Company for Former 76 Service Station No. 4178 at 615 East Third Avenue in San Mateo, CA

-- Information not available

CDWR - California Department of Water Resouces

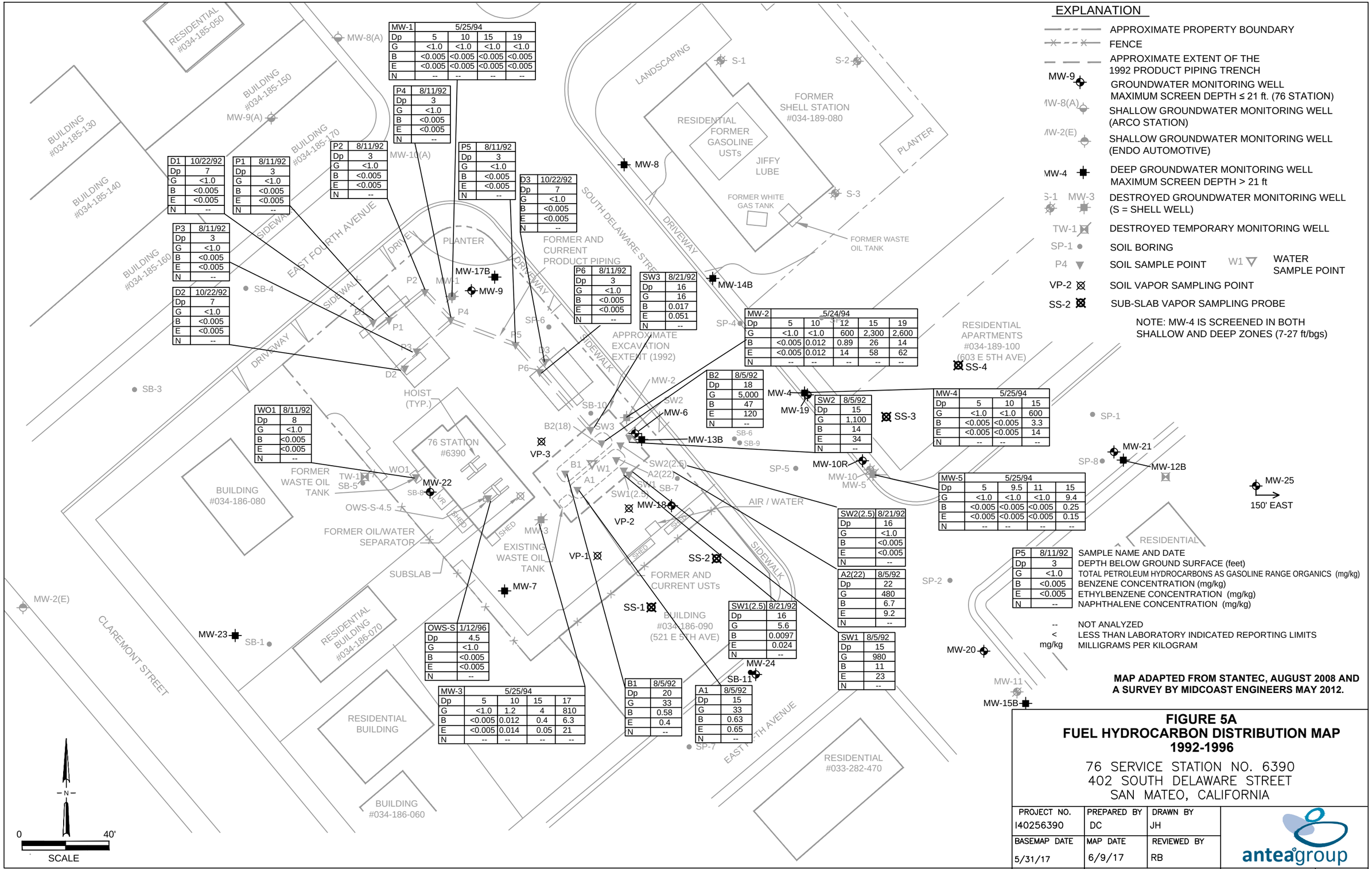
NE - Northeast NNW - North-northwest SSE - South-southeast

NNE - North-northeast ENE - East-northeast SSW - South-southwest

FIGURE 4
SENSITIVE RECEPTOR MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390	DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLMed	PREPARED BY R. BUSSARD	
DATE 22 MAR 17 / REV. 3	REVIEWED BY	antea group



MW-1	5/25/94			
Dp	5	10	15	19
G	<1.0	<1.0	<1.0	<1.0
B	<0.005	<0.005	<0.005	<0.005
E	<0.005	<0.005	<0.005	<0.005
N	--	--	--	--

P4	8/11/92
Dp	3
G	<1.0
B	<0.005
E	<0.005
N	--

P2	8/11/92
Dp	3
G	<1.0
B	<0.005
E	<0.005
N	--

P5	8/11/92
Dp	3
G	<1.0
B	<0.005
E	<0.005
N	--

D3	10/22/92
Dp	7
G	<1.0
B	<0.005
E	<0.005
N	--

D1	10/22/92
Dp	7
G	<1.0
B	<0.005
E	<0.005
N	--

P1	8/11/92
Dp	3
G	<1.0
B	<0.005
E	<0.005
N	--

P3	8/11/92
Dp	3
G	<1.0
B	<0.005
E	<0.005
N	--

D2	10/22/92
Dp	7
G	<1.0
B	<0.005
E	<0.005
N	--

P6	8/11/92
Dp	3
G	<1.0
B	<0.005
E	<0.005
N	--

SW3	8/21/92
Dp	16
G	16
B	0.017
E	0.051
N	--

MW-2	5/24/94				
Dp	5	10	12	15	19
G	<1.0	<1.0	600	2,300	2,600
B	<0.005	0.012	0.89	26	14
E	<0.005	0.012	14	58	62
N	--	--	--	--	--

B2	8/5/92
Dp	18
G	5,000
B	47
E	120
N	--

SW2	8/5/92
Dp	15
G	1,100
B	14
E	34
N	--

MW-4	5/25/94		
Dp	5	10	15
G	<1.0	<1.0	600
B	<0.005	<0.005	3.3
E	<0.005	<0.005	14
N	--	--	--

MW-5	5/25/94			
Dp	5	9.5	11	15
G	<1.0	<1.0	<1.0	9.4
B	<0.005	<0.005	<0.005	0.25
E	<0.005	<0.005	<0.005	0.15
N	--	--	--	--

SW2(2.5)	8/21/92
Dp	16
G	<1.0
B	<0.005
E	<0.005
N	--

A2(22)	8/5/92
Dp	22
G	480
B	6.7
E	9.2
N	--

SW1	8/5/92
Dp	15
G	980
B	11
E	23
N	--

SW1(2.5)	8/21/92
Dp	16
G	5.6
B	0.0097
E	0.024
N	--

WO1	8/11/92
Dp	8
G	<1.0
B	<0.005
E	<0.005
N	--

OWS-S	1/12/96
Dp	4.5
G	<1.0
B	<0.005
E	<0.005
N	--

MW-3	5/25/94			
Dp	5	10	15	17
G	<1.0	1.2	4	810
B	<0.005	0.012	0.4	6.3
E	<0.005	0.014	0.05	21
N	--	--	--	--

B1	8/5/92
Dp	20
G	33
B	0.58
E	0.4
N	--

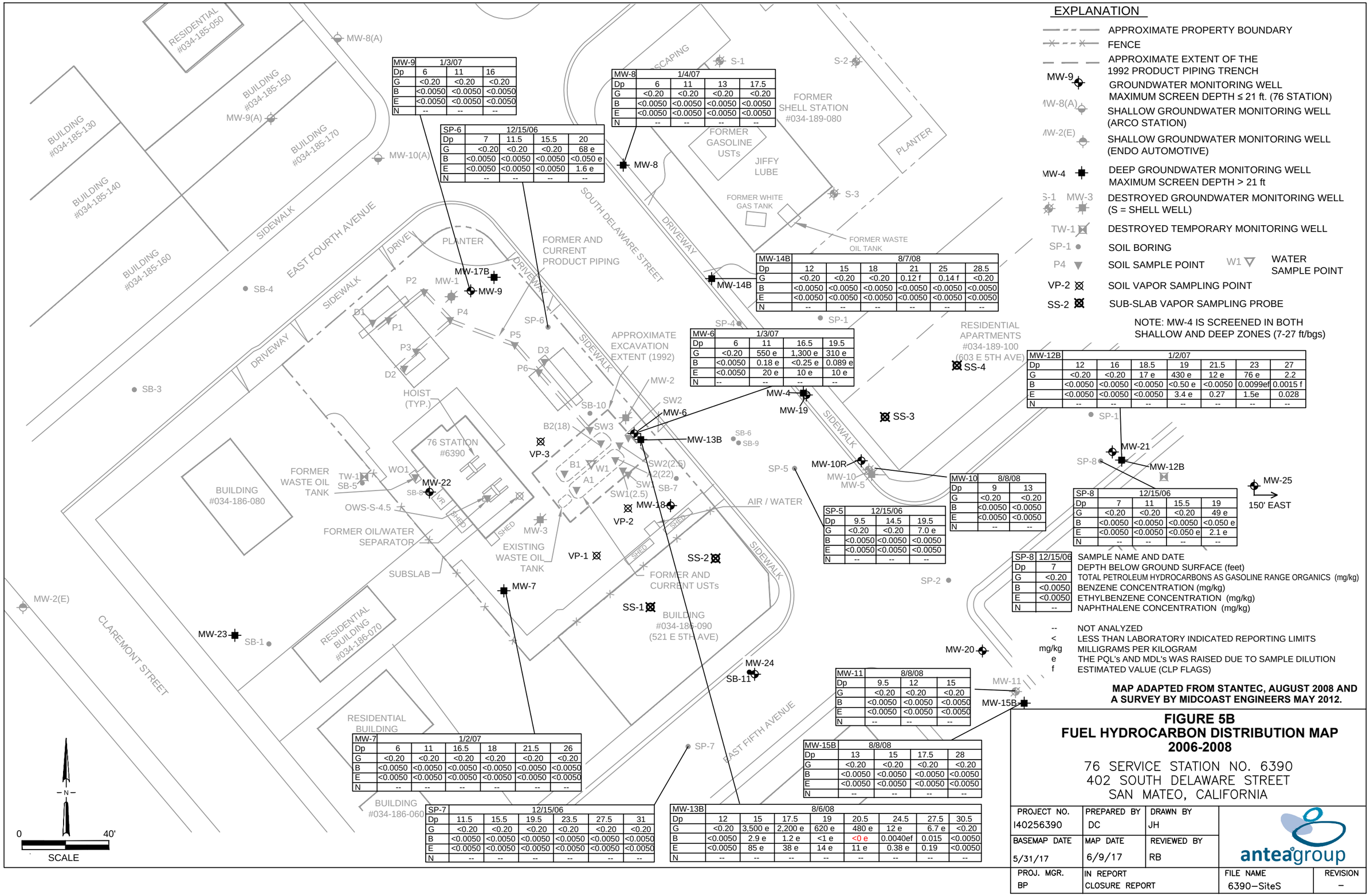
A1	8/5/92
Dp	15
G	33
B	0.63
E	0.65
N	--

FIGURE 5A
FUEL HYDROCARBON DISTRIBUTION MAP
1992-1996

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140256390	DC	JH
BASEMAP DATE	MAP DATE	REVIEWED BY
5/31/17	6/9/17	RB
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-SiteS	-

antea group



MW-9	1/3/07		
Dp	6	11	16
G	<0.20	<0.20	<0.20
B	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050
N	--	--	--

SP-6	12/15/06			
Dp	7	11.5	15.5	20
G	<0.20	<0.20	<0.20	68 e
B	<0.0050	<0.0050	<0.0050	<0.050 e
E	<0.0050	<0.0050	<0.0050	1.6 e
N	--	--	--	--

MW-8	1/4/07			
Dp	6	11	13	17.5
G	<0.20	<0.20	<0.20	<0.20
B	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050
N	--	--	--	--

MW-14B	8/7/08					
Dp	12	15	18	21	25	28.5
G	<0.20	<0.20	<0.20	0.12 f	0.14 f	<0.20
B	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
N	--	--	--	--	--	--

MW-6	1/3/07			
Dp	6	11	16.5	19.5
G	<0.20	550 e	1,300 e	310 e
B	<0.0050	0.18 e	<0.25 e	0.089 e
E	<0.0050	20 e	10 e	10 e
N	--	--	--	--

MW-12B	1/2/07						
Dp	12	16	18.5	19	21.5	23	27
G	<0.20	<0.20	17 e	430 e	12 e	76 e	2.2
B	<0.0050	<0.0050	<0.0050	<0.50 e	<0.0050	0.0099ef	0.0015 f
E	<0.0050	<0.0050	<0.0050	3.4 e	0.27	1.5e	0.028
N	--	--	--	--	--	--	--

MW-10	8/8/08	
Dp	9	13
G	<0.20	<0.20
B	<0.0050	<0.0050
E	<0.0050	<0.0050
N	--	--

SP-5	12/15/06		
Dp	9.5	14.5	19.5
G	<0.20	<0.20	7.0 e
B	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050
N	--	--	--

SP-8	12/15/06			
Dp	7	11	15.5	19
G	<0.20	<0.20	<0.20	49 e
B	<0.0050	<0.0050	<0.0050	<0.050 e
E	<0.0050	<0.0050	<0.050 e	2.1 e
N	--	--	--	--

MW-11	8/8/08		
Dp	9.5	12	15
G	<0.20	<0.20	<0.20
B	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050
N	--	--	--

MW-15B	8/8/08			
Dp	13	15	17.5	28
G	<0.20	<0.20	<0.20	<0.20
B	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050
N	--	--	--	--

MW-7	1/2/07					
Dp	6	11	16.5	18	21.5	26
G	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
B	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
N	--	--	--	--	--	--

SP-7	12/15/06					
Dp	11.5	15.5	19.5	23.5	27.5	31
G	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
B	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
N	--	--	--	--	--	--

MW-13B	8/6/08							
Dp	12	15	17.5	19	20.5	24.5	27.5	30.5
G	<0.20	3,500 e	2,200 e	620 e	480 e	12 e	6.7 e	<0.20
B	<0.0050	2.9 e	1.2 e	<1 e	<0 e	0.0040ef	0.015	<0.0050
E	<0.0050	85 e	38 e	14 e	11 e	0.38 e	0.19	<0.0050
N	--	--	--	--	--	--	--	--

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH
- MW-9 — GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- W1 — WATER SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

SP-8	12/15/06
Dp	7
G	<0.20
B	<0.0050
E	<0.0050
N	--

SAMPLE NAME AND DATE
DEPTH BELOW GROUND SURFACE (feet)
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS (mg/kg)
BENZENE CONCENTRATION (mg/kg)
ETHYLBENZENE CONCENTRATION (mg/kg)
NAPHTHALENE CONCENTRATION (mg/kg)

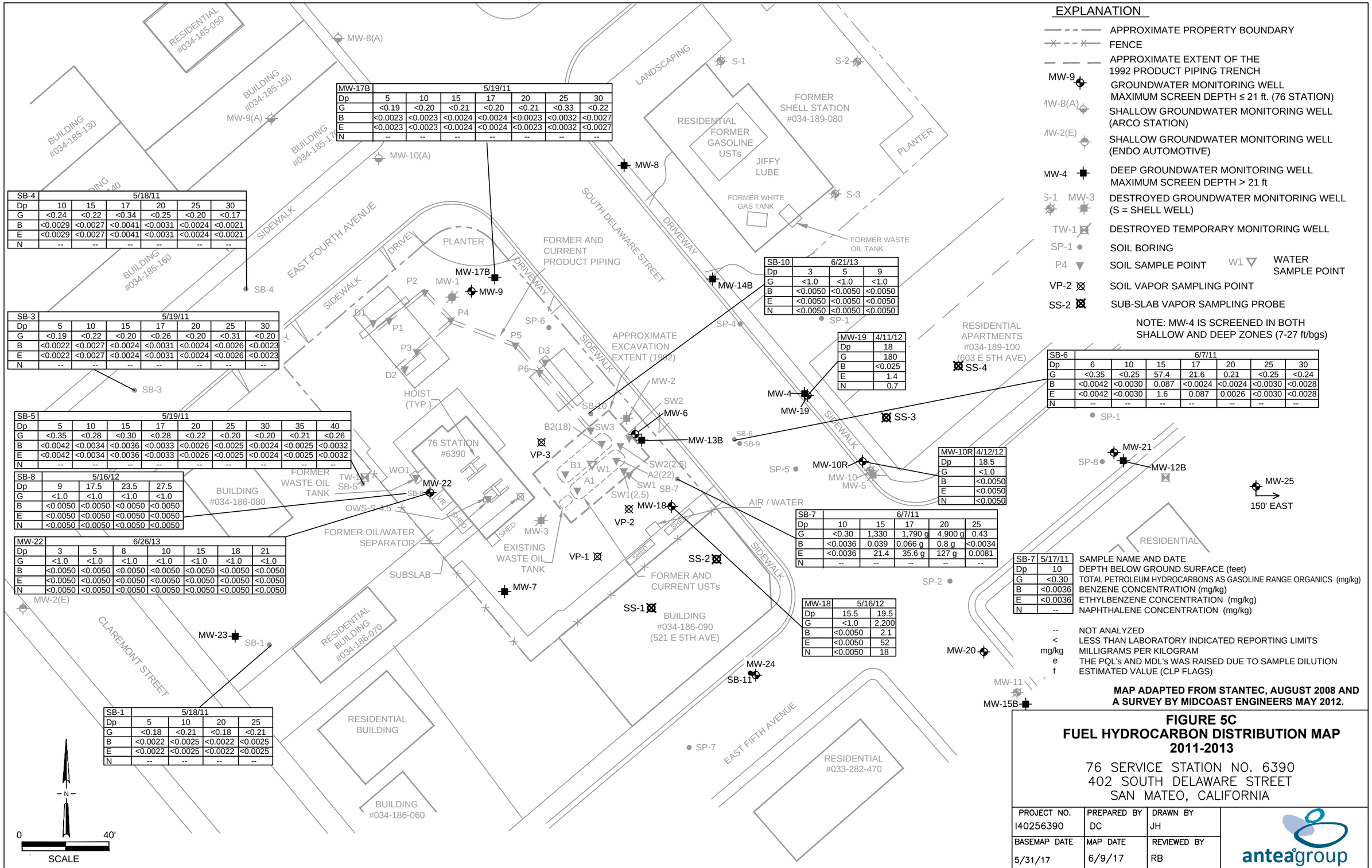
-- NOT ANALYZED
< LESS THAN LABORATORY INDICATED REPORTING LIMITS
mg/kg MILLIGRAMS PER KILOGRAM
e THE PQL's AND MDL's WAS RAISED DUE TO SAMPLE DILUTION
f ESTIMATED VALUE (CLP FLAGS)

MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 5B
FUEL HYDROCARBON DISTRIBUTION MAP
2006-2008

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	DC	JH	anteagroup
BASEMAP DATE	MAP DATE	REVIEWED BY	
5/31/17	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-SiteS	-



MW-17B	5/19/11						
Dp	5	10	15	17	20	25	30
G	<0.19	<0.20	<0.21	<0.20	<0.21	<0.33	<0.22
B	<0.0023	<0.0023	<0.0024	<0.0024	<0.0023	<0.0032	<0.0027
E	<0.0023	<0.0023	<0.0024	<0.0024	<0.0023	<0.0032	<0.0027
N	--	--	--	--	--	--	--

SB-4	5/18/11					
Dp	10	15	17	20	25	30
G	<0.24	<0.22	<0.34	<0.25	<0.20	<0.17
B	<0.0029	<0.0027	<0.0041	<0.0031	<0.0024	<0.0021
E	<0.0029	<0.0027	<0.0041	<0.0031	<0.0024	<0.0021
N	--	--	--	--	--	--

SB-3	5/19/11						
Dp	5	10	15	17	20	25	30
G	<0.19	<0.22	<0.20	<0.26	<0.20	<0.31	<0.20
B	<0.0022	<0.0027	<0.0024	<0.0031	<0.0024	<0.0026	<0.0023
E	<0.0022	<0.0027	<0.0024	<0.0031	<0.0024	<0.0026	<0.0023
N	--	--	--	--	--	--	--

SB-5	5/19/11								
Dp	5	10	15	17	20	25	30	35	40
G	<0.35	<0.28	<0.30	<0.28	<0.22	<0.20	<0.20	<0.21	<0.26
B	<0.0042	<0.0034	<0.0036	<0.0033	<0.0026	<0.0025	<0.0024	<0.0025	<0.0032
E	<0.0042	<0.0034	<0.0036	<0.0033	<0.0026	<0.0025	<0.0024	<0.0025	<0.0032
N	--	--	--	--	--	--	--	--	--

SB-8	5/16/12			
Dp	9	17.5	23.5	27.5
G	<1.0	<1.0	<1.0	<1.0
B	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050
N	<0.0050	<0.0050	<0.0050	<0.0050

MW-22	6/26/13						
Dp	3	5	8	10	15	18	21
G	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
B	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
N	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

SB-1	5/18/11			
Dp	5	10	20	25
G	<0.18	<0.21	<0.18	<0.21
B	<0.0022	<0.0025	<0.0022	<0.0025
E	<0.0022	<0.0025	<0.0022	<0.0025
N	--	--	--	--

SB-10	6/21/13		
Dp	3	5	9
G	<1.0	<1.0	<1.0
B	<0.0050	<0.0050	<0.0050
E	<0.0050	<0.0050	<0.0050
N	<0.0050	<0.0050	<0.0050

MW-19	4/11/12
Dp	18
G	180
B	<0.025
E	1.4
N	0.7

MW-10R	4/12/12
Dp	18.5
G	<1.0
B	<0.0050
E	<0.0050
N	<0.0050

SB-7	6/7/11				
Dp	10	15	17	20	25
G	<0.30	1,330	1,790 g	4,900 g	0.43
B	<0.0036	0.039	0.066 g	0.8 g	<0.0034
E	<0.0036	21.4	35.6 g	127 g	0.0081
N	--	--	--	--	--

MW-18	5/16/12	
Dp	15.5	19.5
G	<1.0	2,200
B	<0.0050	2.1
E	<0.0050	52
N	<0.0050	18

SB-6	6/7/11						
Dp	6	10	15	17	20	25	30
G	<0.35	<0.25	57.4	21.6	0.21	<0.25	<0.24
B	<0.0042	<0.0030	0.087	<0.0024	<0.0024	<0.0030	<0.0028
E	<0.0042	<0.0030	1.6	0.087	0.0026	<0.0030	<0.0028
N	--	--	--	--	--	--	--

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH
- MW-9 — GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- MW-8(A) — SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- MW-2(E) — SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- MW-4 — DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- S-1 MW-3 — DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- TW-1 — DESTROYED TEMPORARY MONITORING WELL
- SP-1 — SOIL BORING
- P4 — SOIL SAMPLE POINT
- W1 — WATER SAMPLE POINT
- VP-2 — SOIL VAPOR SAMPLING POINT
- SS-2 — SUB-SLAB VAPOR SAMPLING PROBE

NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)

SB-7	5/17/11 — SAMPLE NAME AND DATE
Dp	10 — DEPTH BELOW GROUND SURFACE (feet)
G	<0.30 — TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS (mg/kg)
B	<0.0036 — BENZENE CONCENTRATION (mg/kg)
E	<0.0036 — ETHYLBENZENE CONCENTRATION (mg/kg)
N	-- — NAPHTHALENE CONCENTRATION (mg/kg)

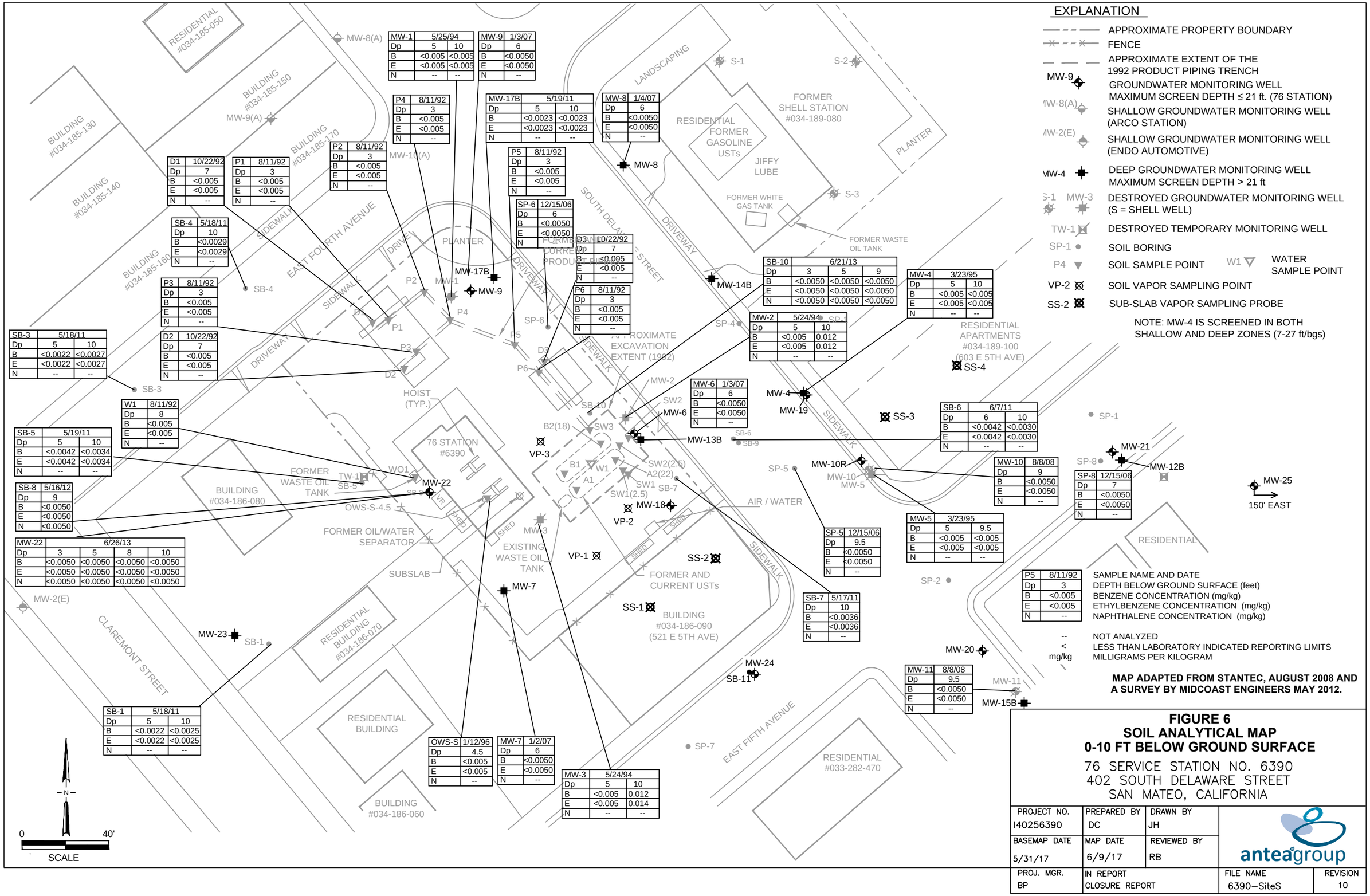
--	NOT ANALYZED
<	LESS THAN LABORATORY INDICATED REPORTING LIMITS
mg/kg	MILLIGRAMS PER KILOGRAM
e	THE PQL's AND MDL's WAS RAISED DUE TO SAMPLE DILUTION
f	ESTIMATED VALUE (CLP FLAGS)

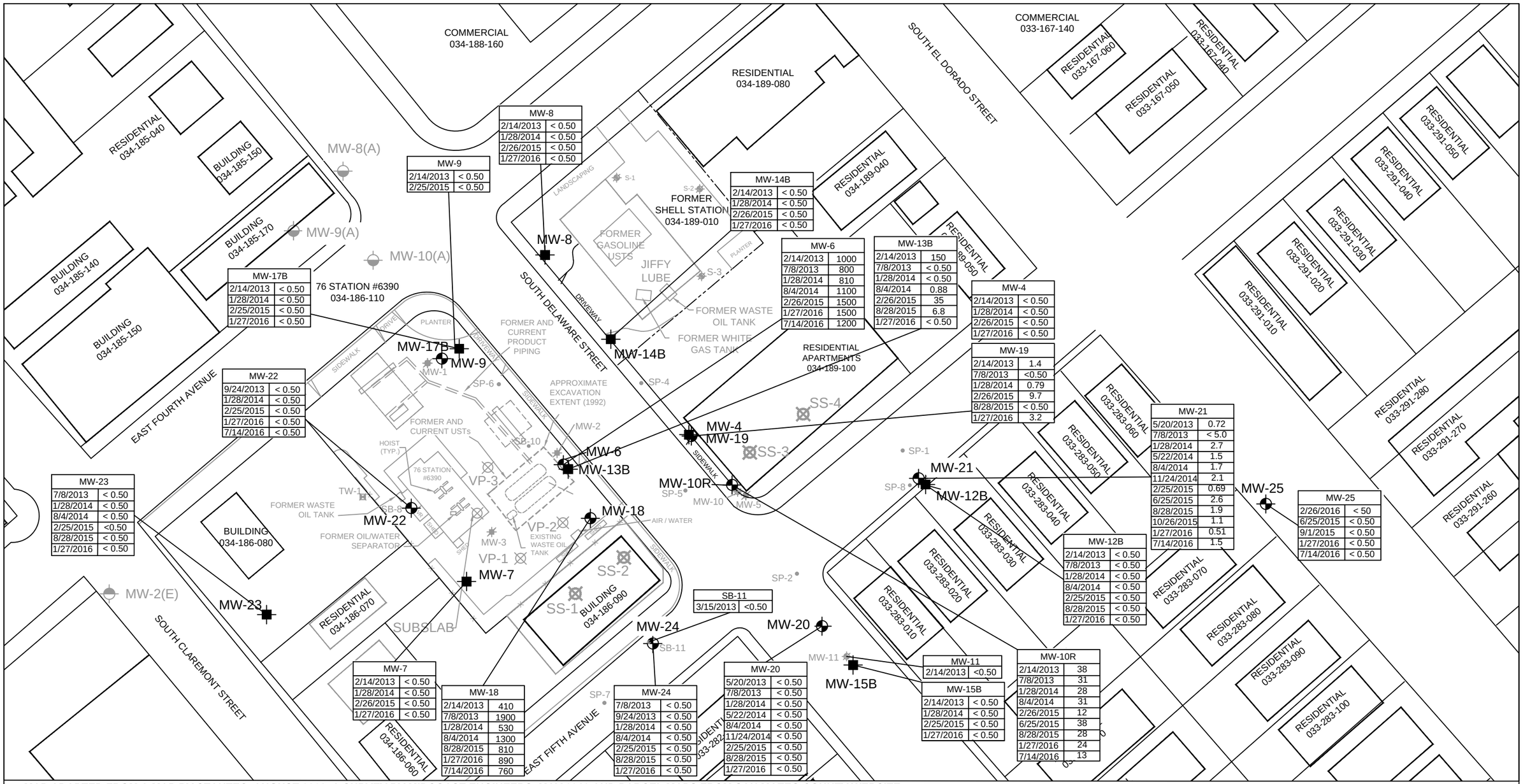
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 5C
FUEL HYDROCARBON DISTRIBUTION MAP
2011-2013

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	DC	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
5/31/17	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-SiteS	-


EXPLANATION
APPROXIMATE PROPERTY BOUNDARY
FENCE
APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH
MW-9 GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
MW-8(A) SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
MW-2(E) SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
MW-4 DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
S-1 MW-3 DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
TW-1 DESTROYED TEMPORARY MONITORING WELL
SP-1 SOIL BORING
P4 SOIL SAMPLE POINT
W1 WATER SAMPLE POINT
VP-2 SOIL VAPOR SAMPLING POINT
SS-2 SUB-SLAB VAPOR SAMPLING PROBE
NOTE: MW-4 IS SCREENED IN BOTH SHALLOW AND DEEP ZONES (7-27 ft/bgs)
P5 8/11/92
Dp 3
B <0.005
E <0.005
N --
SAMPLE NAME AND DATE
DEPTH BELOW GROUND SURFACE (feet)
BENZENE CONCENTRATION (mg/kg)
ETHYLBENZENE CONCENTRATION (mg/kg)
NAPHTHALENE CONCENTRATION (mg/kg)
-- NOT ANALYZED
< LESS THAN LABORATORY INDICATED REPORTING LIMITS
mg/kg MILLIGRAMS PER KILOGRAM
MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.
RESIDENTIAL #034-185-050
BUILDING #034-185-150
BUILDING #034-185-130
BUILDING #034-185-140
BUILDING #034-185-170
BUILDING #034-185-160
MW-8(A)
MW-9(A)
MW-10(A)
MW-1 5/25/94 Dp 5 10 B <0.005 <0.005 E <0.005 <0.005 N -- --
MW-9 1/3/07 Dp 6 B <0.0050 E <0.0050 N --
P4 8/11/92 Dp 3 B <0.005 E <0.005 N --
MW-17B 5/19/11 Dp 5 10 B <0.0023 <0.0023 E <0.0023 <0.0023 N -- --
MW-8 1/4/07 Dp 6 B <0.0050 E <0.0050 N --
D1 10/22/92 Dp 7 B <0.005 E <0.005 N --
P1 8/11/92 Dp 3 B <0.005 E <0.005 N --
P2 8/11/92 Dp 3 B <0.005 E <0.005 N --
P5 8/11/92 Dp 3 B <0.005 E <0.005 N --
SP-6 12/15/06 Dp 6 B <0.0050 E <0.0050 N --
SB-4 5/18/11 Dp 10 B <0.0029 E <0.0029 N --
P3 8/11/92 Dp 3 B <0.005 E <0.005 N --
D2 10/22/92 Dp 7 B <0.005 E <0.005 N --
D3 10/22/92 Dp 7 B <0.005 E <0.005 N --
P6 8/11/92 Dp 3 B <0.005 E <0.005 N --
SB-3 5/18/11 Dp 5 10 B <0.0022 <0.0027 E <0.0022 <0.0027 N -- --
W1 8/11/92 Dp 8 B <0.005 E <0.005 N --
SB-5 5/19/11 Dp 5 10 B <0.0042 <0.0034 E <0.0042 <0.0034 N -- --
SB-8 5/16/12 Dp 9 B <0.0050 E <0.0050 N <0.0050
MW-22 6/26/13 Dp 3 5 8 10 B <0.0050 <0.0050 <0.0050 <0.0050 E <0.0050 <0.0050 <0.0050 <0.0050 N <0.0050 <0.0050 <0.0050 <0.0050
MW-2(E)
MW-23
SB-1 5/18/11 Dp 5 10 B <0.0022 <0.0025 E <0.0022 <0.0025 N -- --
OWS-S 1/12/96 Dp 4.5 B <0.005 E <0.005 N --
MW-7 1/2/07 Dp 6 B <0.0050 E <0.0050 N --
MW-3 5/24/94 Dp 5 10 B <0.005 0.012 E <0.005 0.014 N -- --
MW-6 1/3/07 Dp 6 B <0.0050 E <0.0050 N --
SB-10 6/21/13 Dp 3 5 9 B <0.0050 <0.0050 <0.0050 E <0.0050 <0.0050 <0.0050 N <0.0050 <0.0050 <0.0050
MW-2 5/24/94 Dp 5 10 B <0.005 0.012 E <0.005 0.012 N -- --
MW-4 3/23/95 Dp 5 10 B <0.005 <0.005 E <0.005 <0.005 N -- --
SB-6 6/7/11 Dp 6 10 B <0.0042 <0.0030 E <0.0042 <0.0030 N -- --
MW-10 8/8/08 Dp 9 B <0.0050 E <0.0050 N --
SP-8 12/15/06 Dp 7 B <0.0050 E <0.0050 N --
MW-5 3/23/95 Dp 5 9.5 B <0.005 <0.005 E <0.005 <0.005 N -- --
SP-5 12/15/06 Dp 9.5 B <0.0050 E <0.0050 N --
SB-7 5/17/11 Dp 10 B <0.0036 E <0.0036 N --
MW-11 8/8/08 Dp 9.5 B <0.0050 E <0.0050 N --
MW-14B
MW-13B
MW-19
MW-10R
MW-21
MW-12B
MW-25
150' EAST
MW-20
MW-24
SB-11
MW-15B
MW-18
VP-1
VP-2
VP-3
SS-1
SS-2
SS-3
SS-4
SB-9
SB-10
SB-11
SW2
SW3
B1
B2(18)
W1
A1
SW1
SW2(2.5)
A2(22)
SW1(2.5)
SB-7
WO1
TW-1
SB-5
OWS-S-4.5
FORMER OIL/WATER SEPARATOR
FORMER WASTE OIL TANK
SUBSLAB
EXISTING WASTE OIL TANK
FORMER AND CURRENT USTs
FORMER SHELL STATION #034-189-080
RESIDENTIAL FORMER GASOLINE USTs
JIFFY LUBE
FORMER WHITE GAS TANK
FORMER WASTE OIL TANK
LANDSCAPING
PLANTER
SOUTH DELAWARE STREET
EAST FOURTH AVENUE
EAST FIFTH AVENUE
CLAREMONT STREET
SIDEWALK
DRIVEWAY
APPROXIMATE EXCAVATION EXTENT (1992)
HOIST (TYP.)
76 STATION #6390
BUILDING #034-186-080
RESIDENTIAL BUILDING #034-186-070
RESIDENTIAL BUILDING
BUILDING #034-186-060
BUILDING #034-186-090 (521 E 5TH AVE)
RESIDENTIAL #033-282-470
RESIDENTIAL APARTMENTS #034-189-100 (603 E 5TH AVE)
RESIDENTIAL
AIR / WATER
SHED
VR
SP-1
SP-2
SP-4
SP-5
SP-7
SP-8
0
40'
SCALE
N
FIGURE 6
SOIL ANALYTICAL MAP
0-10 FT BELOW GROUND SURFACE
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA
PROJECT NO. 140256390
PREPARED BY DC
DRAWN BY JH
BASEMAP DATE 5/31/17
MAP DATE 6/9/17
REVIEWED BY RB
PROJ. MGR. BP
IN REPORT CLOSURE REPORT
FILE NAME 6390-SiteS
REVISION 10
anteagroup



MW-8	
2/14/2013	< 0.50
1/28/2014	< 0.50
2/26/2015	< 0.50
1/27/2016	< 0.50

MW-9	
2/14/2013	< 0.50
2/25/2015	< 0.50

MW-14B	
2/14/2013	< 0.50
1/28/2014	< 0.50
2/26/2015	< 0.50
1/27/2016	< 0.50

MW-6	
2/14/2013	1000
7/8/2013	800
1/28/2014	810
8/4/2014	1100
2/26/2015	1500
1/27/2016	1500
7/14/2016	1200

MW-13B	
2/14/2013	150
7/8/2013	< 0.50
1/28/2014	< 0.50
8/4/2014	0.88
2/26/2015	35
8/28/2015	6.8
1/27/2016	< 0.50

MW-4	
2/14/2013	< 0.50
1/28/2014	< 0.50
2/26/2015	< 0.50
1/27/2016	< 0.50

MW-19	
2/14/2013	1.4
7/8/2013	<0.50
1/28/2014	0.79
2/26/2015	9.7
8/28/2015	< 0.50
1/27/2016	3.2

MW-21	
5/20/2013	0.72
7/8/2013	< 5.0
1/28/2014	2.7
5/22/2014	1.5
8/4/2014	1.7
11/24/2014	2.1
2/25/2015	0.69
6/25/2015	2.6
8/28/2015	1.9
10/26/2015	1.1
1/27/2016	0.51
7/14/2016	1.5

MW-12B	
2/14/2013	< 0.50
7/8/2013	< 0.50
1/28/2014	< 0.50
8/4/2014	< 0.50
2/25/2015	< 0.50
8/28/2015	< 0.50
1/27/2016	< 0.50

MW-25	
2/26/2016	< 50
6/25/2015	< 0.50
9/1/2015	< 0.50
1/27/2016	< 0.50
7/14/2016	< 0.50

MW-22	
9/24/2013	< 0.50
1/28/2014	< 0.50
2/25/2015	< 0.50
1/27/2016	< 0.50
7/14/2016	< 0.50

MW-23	
7/8/2013	< 0.50
1/28/2014	< 0.50
8/4/2014	< 0.50
2/25/2015	<0.50
8/28/2015	< 0.50
1/27/2016	< 0.50

MW-7	
2/14/2013	< 0.50
1/28/2014	< 0.50
2/26/2015	< 0.50
1/27/2016	< 0.50

MW-18	
2/14/2013	410
7/8/2013	1900
1/28/2014	530
8/4/2014	1300
8/28/2015	810
1/27/2016	890
7/14/2016	760

SB-11	
3/15/2013	<0.50

MW-24	
7/8/2013	< 0.50
9/24/2013	< 0.50
1/28/2014	< 0.50
8/4/2014	< 0.50
2/25/2015	< 0.50
8/28/2015	< 0.50
1/27/2016	< 0.50

MW-20	
5/20/2013	< 0.50
7/8/2013	< 0.50
1/28/2014	< 0.50
5/22/2014	< 0.50
8/4/2014	< 0.50
11/24/2014	< 0.50
2/25/2015	< 0.50
8/28/2015	< 0.50
1/27/2016	< 0.50

MW-11	
2/14/2013	<0.50

MW-15B	
2/14/2013	< 0.50
1/28/2014	< 0.50
2/25/2015	< 0.50
1/27/2016	< 0.50

MW-10R	
2/14/2013	38
7/8/2013	31
1/28/2014	28
8/4/2014	31
2/26/2015	12
6/25/2015	38
8/28/2015	28
1/27/2016	24
7/14/2016	13

MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

NOTES:

< = LESS THAN LABORATORY INDICATED REPORTING LIMITS

CONCENTRATIONS IN MICROGRAMS PER LITER (µg/LI).

N

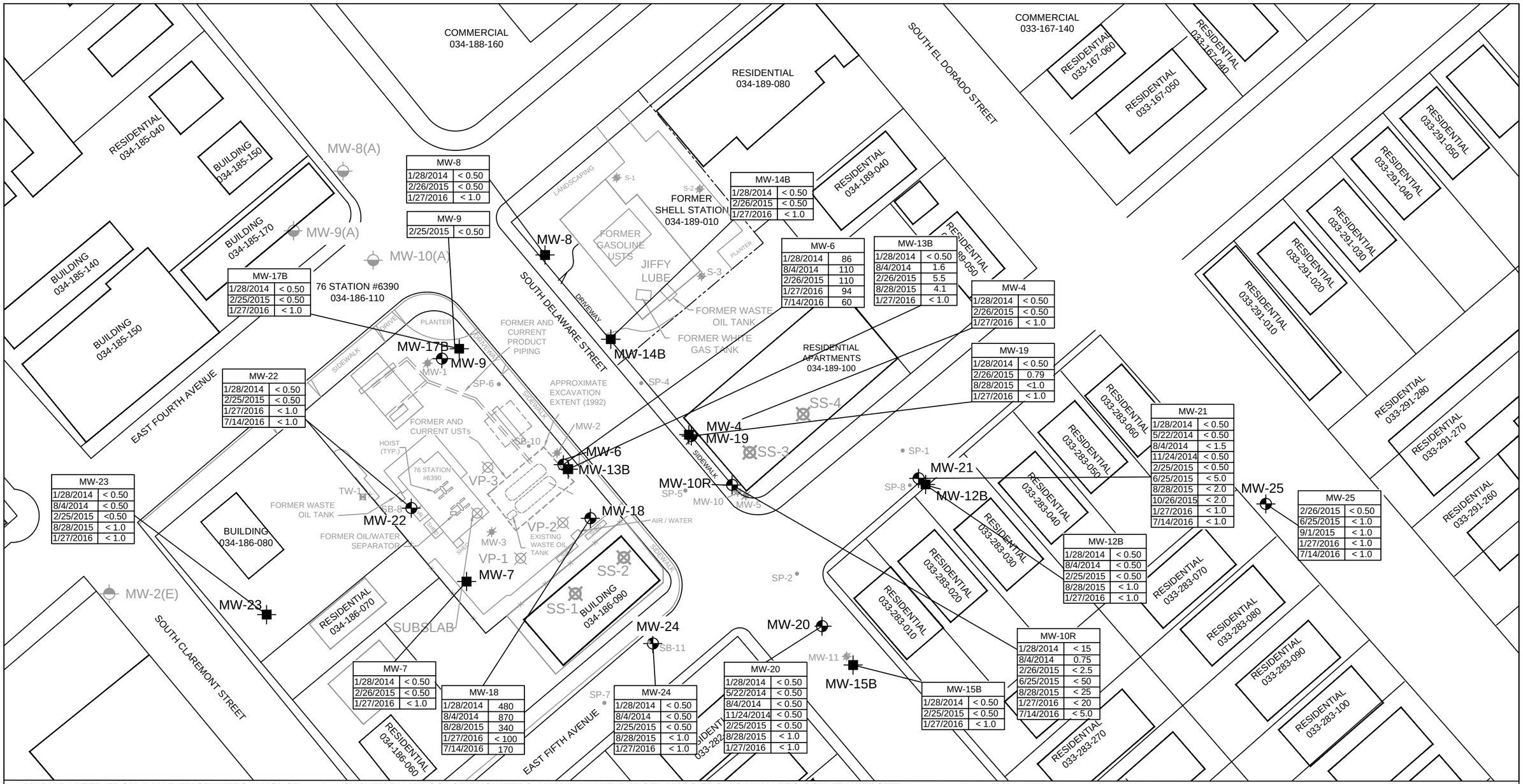
0 60'

SCALE

FIGURE 7A
BENZENE CONCENTRATIONS IN GROUNDWATER 2013 - 2016

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	RB	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
3/3/17	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	-



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

NOTES:

< = LESS THAN LABORATORY INDICATED REPORTING LIMITS

CONCENTRATIONS IN MICROGRAMS PER LITER (µg/Ll).

N

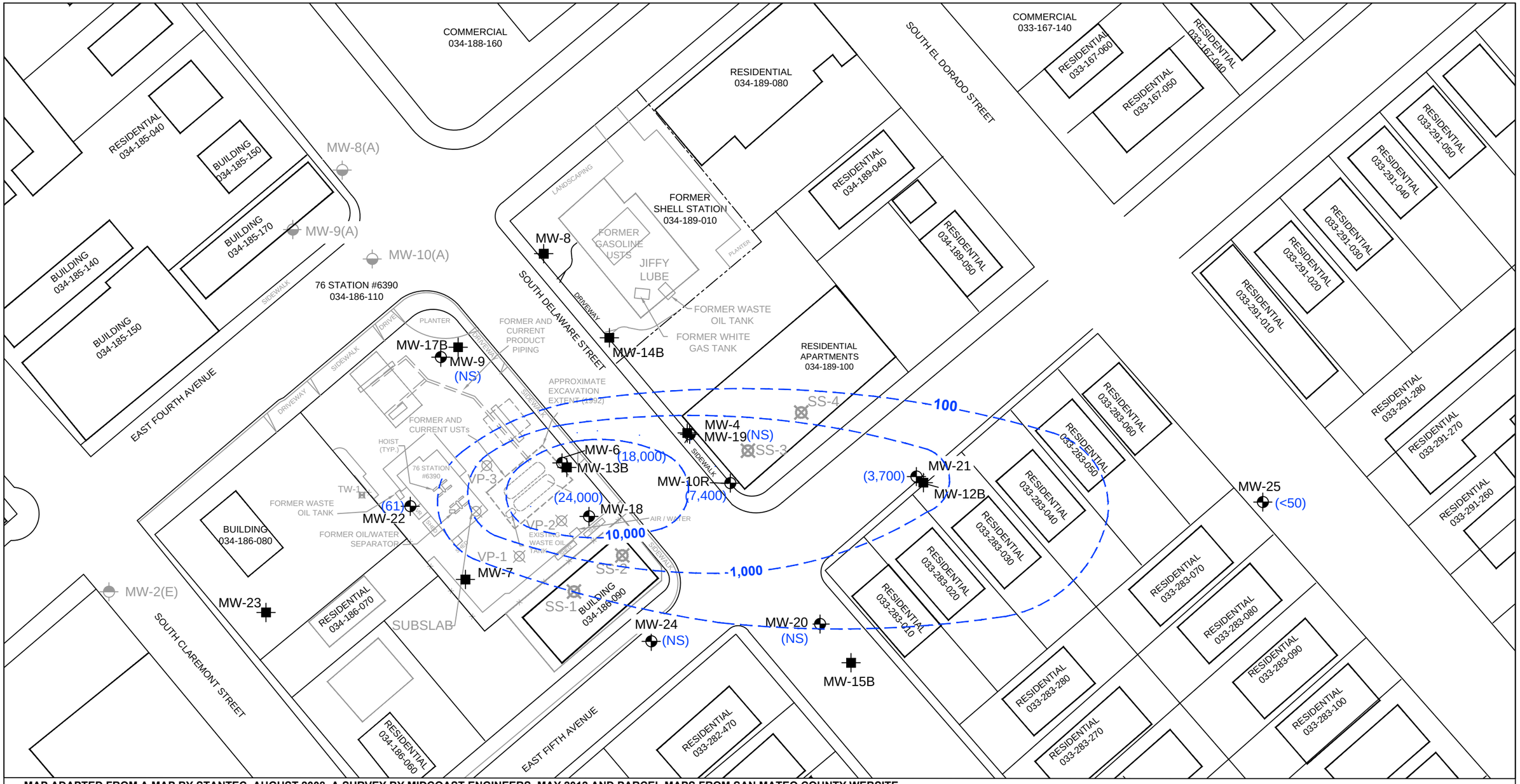
0 60'

SCALE

FIGURE 7B
MTBE CONCENTRATIONS IN GROUNDWATER 2014 - 2016

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	RB	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
3/3/17	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	A



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 100 — DISSOLVED PHASE GRO ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (840) — DISSOLVED PHASE GRO CONCENTRATION (ug/L);
- NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT
- 50 — NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L — MICROGRAMS PER LITER
- GRO — GASOLINE RANGE ORGANICS
- NS — NOT SAMPLED

N

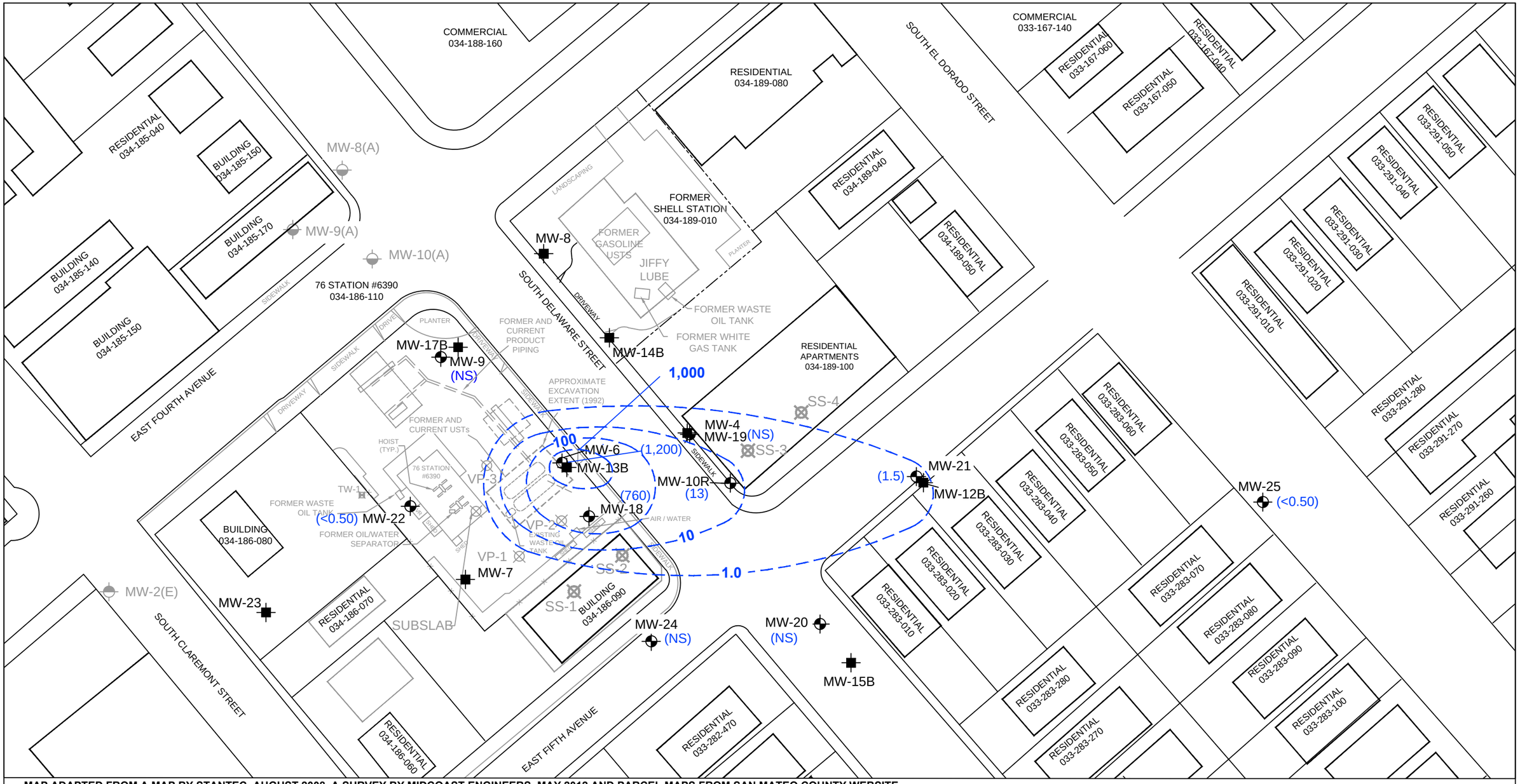
0 60'

SCALE

FIGURE 8
DISSOLVED PHASE GRO ISOCONCENTRATION MAP
JULY 14, 2016

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	1Q17 SAMR	6390-ExtS100	A



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 100 — DISSOLVED PHASE BENZENE ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (13) DISSOLVED PHASE BENZENE ISOCONCENTRATION (ug/L)
- <0.50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- NS NOT SAMPLED
- µg/L MICROGRAMS PER LITER

NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT

N

0 60'

SCALE

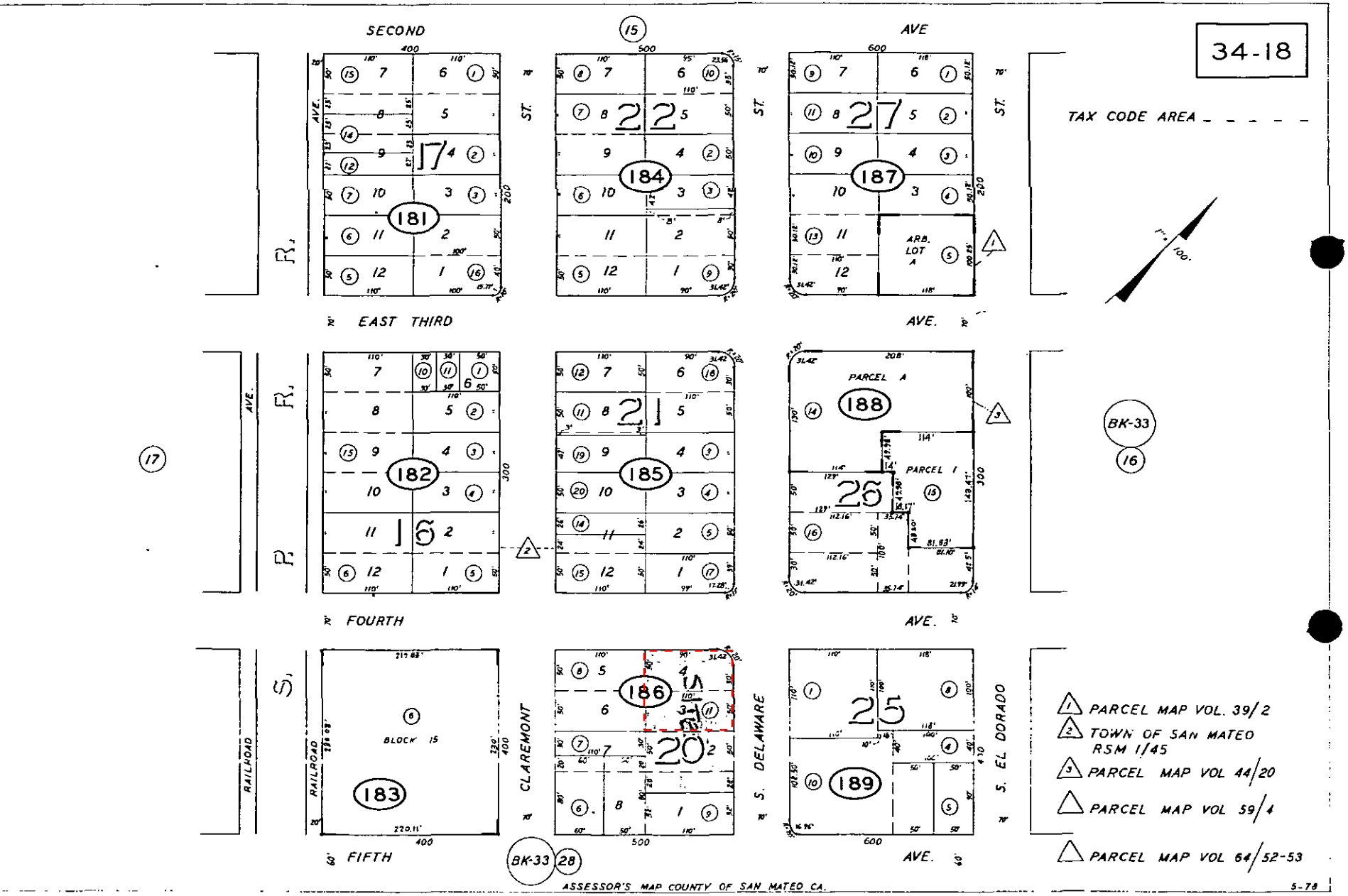
FIGURE 9
DISSOLVED PHASE BENZENE ISOCONCENTRATION MAP
JULY 14, 2016

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	anteagroup
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	6/9/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	1Q17 SAMR	6390-ExtS100	A

Appendix A

Parcel Map


34-18
SECOND
AVE
15
TAX CODE AREA
ST.
ST.
ST.
AVE.
AVE.
EAST THIRD
AVE.
181
184
187
182
185
188
PARCEL A
PARCEL 1
BK-33
16
17
FOURTH
AVE.
BLOCK 15
183
186
189
CLAREMONT
S. DELAWARE
S. EL DORADO
RAILROAD
FIFTH
AVE.
BK-33
28
PARCEL MAP VOL. 39/2
TOWN OF SAN MATEO RSM 1/45
PARCEL MAP VOL 44/20
PARCEL MAP VOL 59/4
PARCEL MAP VOL 64/52-53

Appendix B

Facility Information

EXHIBIT D
UNDERGROUND STORAGE TANK INFORMATION
Site No. 256390

To Seller's Actual Knowledge, information about the UST's and monitoring system are as follows:

Tank	1	2	3
Product	UNLEADED	PREMIUM UNLEADED	WASTE OIL
Approximate Capacity	12032	12032	520
Approximate Tank Install Date	1/1/1992	1/1/1992	1/1/1992
DW or SW Tank	DOUBLE	DOUBLE	DOUBLE
Tank Material	STEEL - FG CLAD	STEEL - FG CLAD	STEEL - FG CLAD
Tank Monitoring Method	CONTINUOUSLY MONITORED	CONTINUOUSLY MONITORED	CONTINUOUSLY MONITORED
Approximate Piping Install Date	UNKNOWN	UNKNOWN	N/A
DW or SW Piping	DOUBLE	DOUBLE	N/A
Piping Material	FIBERGLASS	FIBERGLASS	N/A
Line Monitoring Method	CONTINUOUSLY MONITORED	CONTINUOUSLY MONITORED	N/A
ATTACH ADDITIONAL PAGES IF NECESSARY			

Additional relevant information about the UST's:

_____

_____

_____

EXHIBIT D
UNDERGROUND STORAGE TANK INFORMATION
Site No. 256390

To Seller's Actual Knowledge, information about the UST's and monitoring system are as follows:

Tank	4	5	6
Product	N/A	N/A	N/A
Approximate Capacity	N/A	N/A	N/A
Approximate Tank Install Date	N/A	N/A	N/A
DW or SW Tank	N/A	N/A	N/A
Tank Material	N/A	N/A	N/A
Tank Monitoring Method	N/A	N/A	N/A
Approximate Piping Install Date	N/A	N/A	N/A
DW or SW Piping	N/A	N/A	N/A
Piping Material	N/A	N/A	N/A
Line Monitoring Method	N/A	N/A	N/A
ATTACH ADDITIONAL PAGES IF NECESSARY			

Additional relevant information about the UST's:

_____

_____

Appendix C

Boring Logs

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-5** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,645 EASTING (ft): 6,034,576
LATITUDE: 37° 33' 57.26" LONGITUDE: -122° 19' 7.33"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.6 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; damp; (0,40,55,5)							
5									5	
		ML	**SANDY SILT**; ML; 5/8 yellowish brown; non plastic; hard; damp; coarse-grained sand; (5,45,45,5)		0855 SP-5@ 9-9.5'	0.50		0		
10									10	
		SM	**SILTY SAND**; SM; 5/8 yellowish brown; medium to coarse-grained; medium dense; damp; (5,65,30,0)							
					0910 SP-5@ 14-14.5'	0.50		0		
15									15	Neat Cement Grout Backfill
		CL	**SANDY LEAN CLAY**; CL; 4/5GY green; soft; moist; low to medium plasticity; (0,40,0,60)							
		SM	**SILTY SAND**; SM; 4/5GY green; medium dense; wet; strong odor; (5,80,10,5)		0915 SP-5@ 19-19.5'	0.50		567		
20			Well graded sand.						20	
		SW-SM	**WELL GRADED SAND WITH SILT**; SW-SM; brown; fine to coarse-grained; medium dense;							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-5** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,645 EASTING (ft): 6,034,576
LATITUDE: 37° 33' 57.26" LONGITUDE: -122° 19' 7.33"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.6 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SW-SM	wet; (10,80,10,0) Iron oxide staining Coarse gravel (10,80,10,0)		0925 SP-5@ 23-28'			2.1		
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; medium dense; wet; (10,65,25,0) (5,60,35,0) saturated; (10,55,35,0)							
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-6** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,710 EASTING (ft): 6,034,462
LATITUDE: 37° 33' 57.86" LONGITUDE: -122° 19' 8.76"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 21 12/15/06 BOREHOLE DEPTH (ft): 28.0
STATIC DTW (ft): 15 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			6 inches concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; low plasticity; damp; (0,40,60,0)							
5		ML	**SANDY SILT**; ML; brown; low plasticity; firm; damp; (5,35,60,0)		1525 SP-6@ 7.5-8'	0.50		0	5	
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; fine to coarse-grained; loose; damp; gravel up to 1.5 inches; (30,30,35,5)							
10					1530 SP-6@ 11.5-12'	0.50		0	10	
15		GM	GM; slight odor		1535 SP-6@ 15.5-16'	0.50		0	15	Neat Cement Grout Backfill
		GM	**SILTY GRAVEL WITH SAND**; GM; green; fine to coarse-grained; strong odor; loose to medium dense; damp; (45,30,25,0)							
20		ML	**SANDY SILT**; ML; brown; low plasticity; moist; firm; (10,30,60,0)		1540 SP-6@ 20-20.5'	0.50		396	20	
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; fine to coarse-grained; loose; wet; no odor; (40,40,20,0)							
		GM	GM; saturated							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**SP-6** PAGE 2 OF 2	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 12/14/06	COMPLETED: 12/15/06	NORTHING (ft): 2,033,710	EASTING (ft): 6,034,462
INSTALLATION: STARTED 12/14/06	COMPLETED: 12/15/06	LATITUDE: 37° 33' 57.86"	LONGITUDE: -122° 19' 8.76"
DRILLING COMPANY: Gregg Drilling and Testing, Inc.		GROUND ELEV (ft):	TOC ELEV (ft):
DRILLING EQUIPMENT: Geoprobe		INITIAL DTW (ft): 21 12/15/06	BOREHOLE DEPTH (ft): 28.0
DRILLING METHOD: Direct Push		STATIC DTW (ft): 15 12/15/06	WELL DEPTH (ft): ---
SAMPLING EQUIPMENT: Geoprobe		WELL CASING DIAMETER (in): ---	BOREHOLE DIAMETER (in): 2
		LOGGED BY: JSR	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	**SILTY SAND WITH GRAVEL**; SM; brown; medium dense; saturated; (30,50,20,0)							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; medium dense; saturated; (40,40,20,0)							
			Hole terminated at 28 feet.							
30									30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-7** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,517 EASTING (ft): 6,034,527
LATITUDE: 37° 33' 55.99" LONGITUDE: -122° 19' 7.91"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 32 12/15/06 BOREHOLE DEPTH (ft): 34.0
STATIC DTW (ft): 15.5 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; damp; (0,45,55,0)							
5		ML	**SANDY SILT**; ML; brown; non plastic; firm; damp; (5,40,55,0)		1055 SP-7@ 7-7.5'			0	5	
10		ML	ML; (10,35,55,0)		1100 SP-7@ 11-11.5'	0.50		0	10	
15		ML	ML; moist		1105 SP-7@ 15.5-16'	0.50		0	15	Neat Cement Grout Backfill
		SM	**SILTY SAND**; SM; brown; medium dense; moist; (0,60,40,0)							
		CL	**SANDY LEAN CLAY**; CL; brown; medium plasticity; hard; moist; (0,30,10,60)							
20		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; hard; moist; (0,20,10,70)		1110 SP-7@ 19.5-20'	0.50		0.3	20	
					1115 SP-7@ 23-23.5'	0.50		0		

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-7** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,517 EASTING (ft): 6,034,527
LATITUDE: 37° 33' 55.99" LONGITUDE: -122° 19' 7.91"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 32 12/15/06 BOREHOLE DEPTH (ft): 34.0
STATIC DTW (ft): 15.5 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; hard; moist; (0,20,10,70)			0.50				
30		CL	CL; soft		1120 SP-7@ 29.5-30'			0	30	
		SM	**SILTY SAND**; SM; brown; fine to medium-grained; loose; moist; (0,60,30,10)		1125 SP-7@ 31.5-32'	0.50		0	▽	
		SM	SM; fine to medium-grained; saturated; (0,80,20,0)							
		CL	**LEAN CLAY WITH SAND**; CL; brown; medium plasticity; moist; soft to firm; (0,20,35,45)							
35			Hole terminated at 34 feet.						35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-8** PAGE 1 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,649 EASTING (ft): 6,034,717
LATITUDE: 37° 33' 57.32" LONGITUDE: -122° 19' 5.58"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.2 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
			1 foot asphalt and concrete				Air Knife to 5 feet bgs.			
		ML	**SANDY SILT**; ML; brown; non plastic; dry; fine to medium-grained sand; (0,45,55,0)							
5									5	
		ML	**SANDY SILT**; ML; brown; non plastic; soft; dry; fine to coarse-grained sand; (0,50,50,0)			0.50				
		ML	**SANDY SILT**; ML; brown; medium plasticity; soft; dry; fine to medium-grained sand; (5,30,65,0)		1310 SP-8@ 8-8.5'			0.3		
		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; loose; dry; well graded sand; (10,55,35,0)							
10									10	
		SM	**SILTY SAND WITH GRAVEL**; SM; (15,60,25,0)			0.50				
					1315 SP-8@ 12-12.5'			0		
		SM	**SILTY SAND**; SM; (5,60,35,0)							
15									15 ▼	Neat Cement Grout Backfill
					1320 SP-8@ 15.5-16'	0.50		0		
		ML	**SANDY SILT**; ML; brown; low plasticity; soft; moist; (0,40,60,0)							
		SM	**SILTY SAND WITH GRAVEL**; SM; grayish green; loose; moist; (20,55,25,0)							
					1325 SP-8@ 19.5-20'	0.50		616		
		SM	SM; strong odor							
20		SM	SM; saturated; strong HC odor in water; (25,55,20,0)						20 ▽	
		SM	**SILTY SAND**; SM; strong HC odor; (5,70,25,0)							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **SP-8** PAGE 2 OF 2

SECOR

DRILLING: STARTED 12/14/06 COMPLETED: 12/15/06
INSTALLATION: STARTED 12/14/06 COMPLETED: 12/15/06
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Geoprobe
DRILLING METHOD: Direct Push
SAMPLING EQUIPMENT: Geoprobe

NORTHING (ft): 2,033,649 EASTING (ft): 6,034,717
LATITUDE: 37° 33' 57.32" LONGITUDE: -122° 19' 5.58"
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): 20 12/15/06 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 15.2 12/15/06 WELL DEPTH (ft): ---
WELL CASING DIAMETER (in): --- BOREHOLE DIAMETER (in): 2
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SW-SM	**WELL GRADED SAND WITH SILT AND GRAVEL**; SW-SM; loose; saturated; strong HC odor; (30,60,10,0)							
		SM	**SILTY SAND WITH GRAVEL**; SM; medium dense; saturated; slight HC odor; (25,60,15,0)							
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

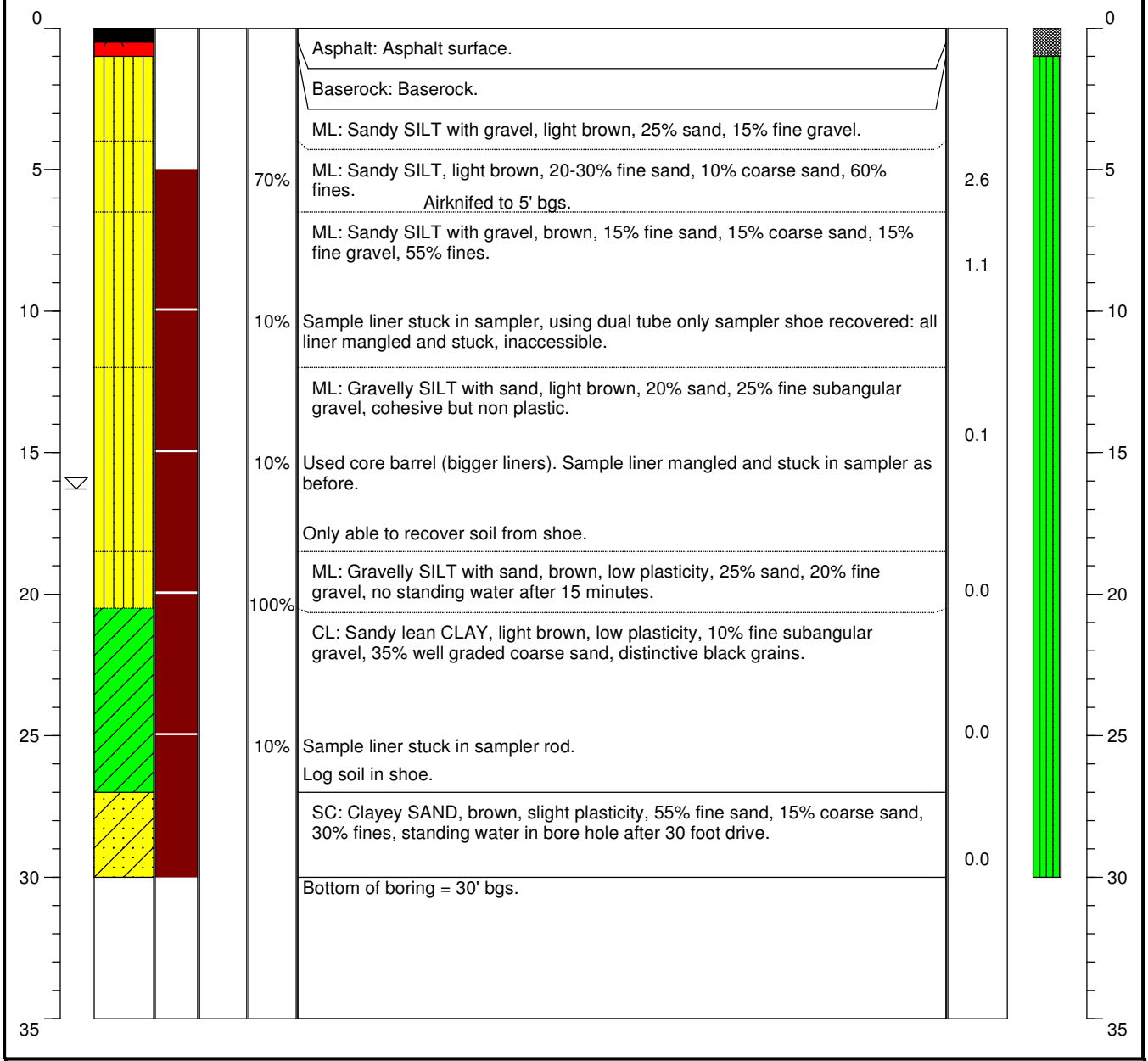
BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-1

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **30'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**



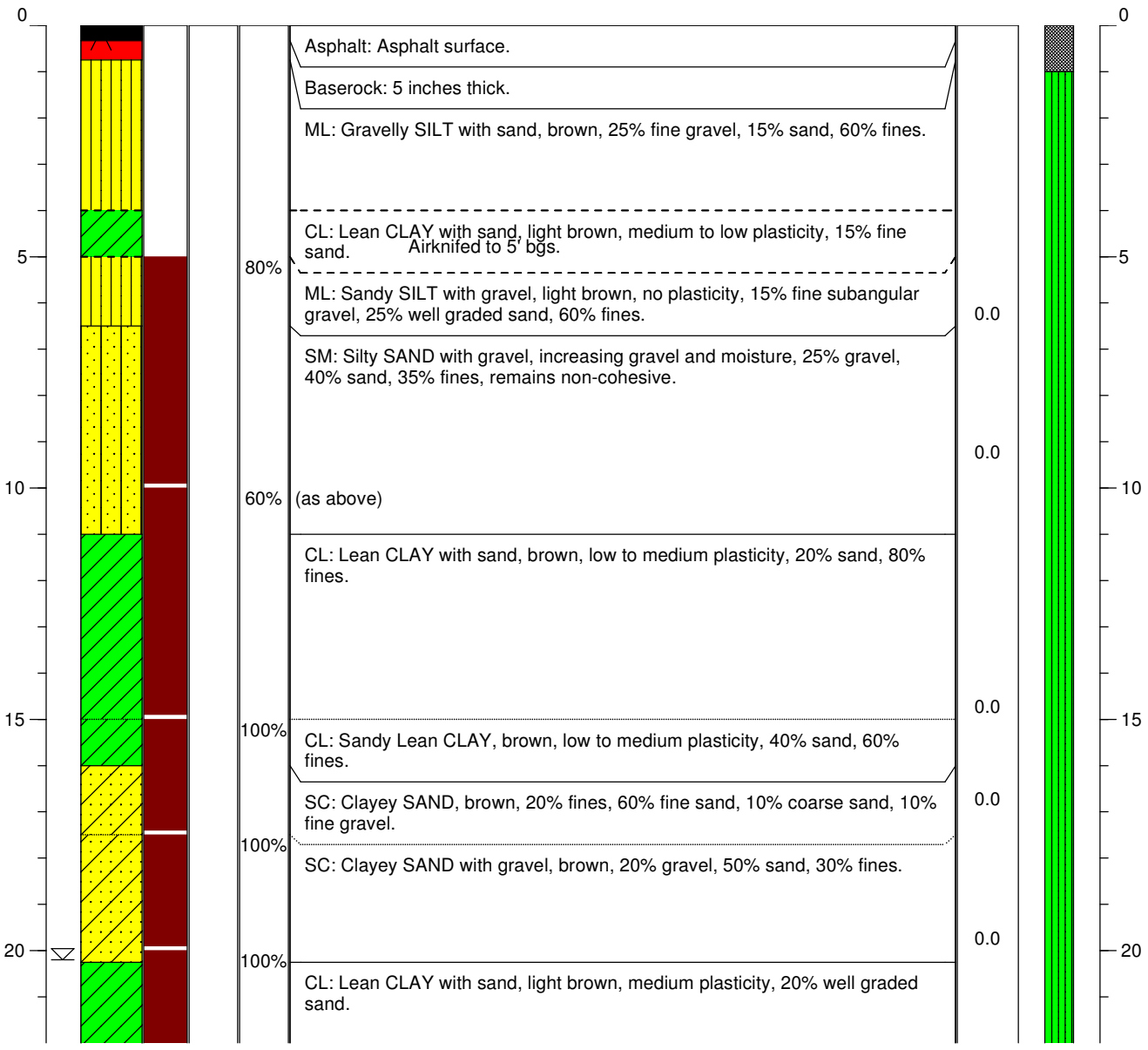
BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-3

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **30'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**



BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-3

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **30'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**

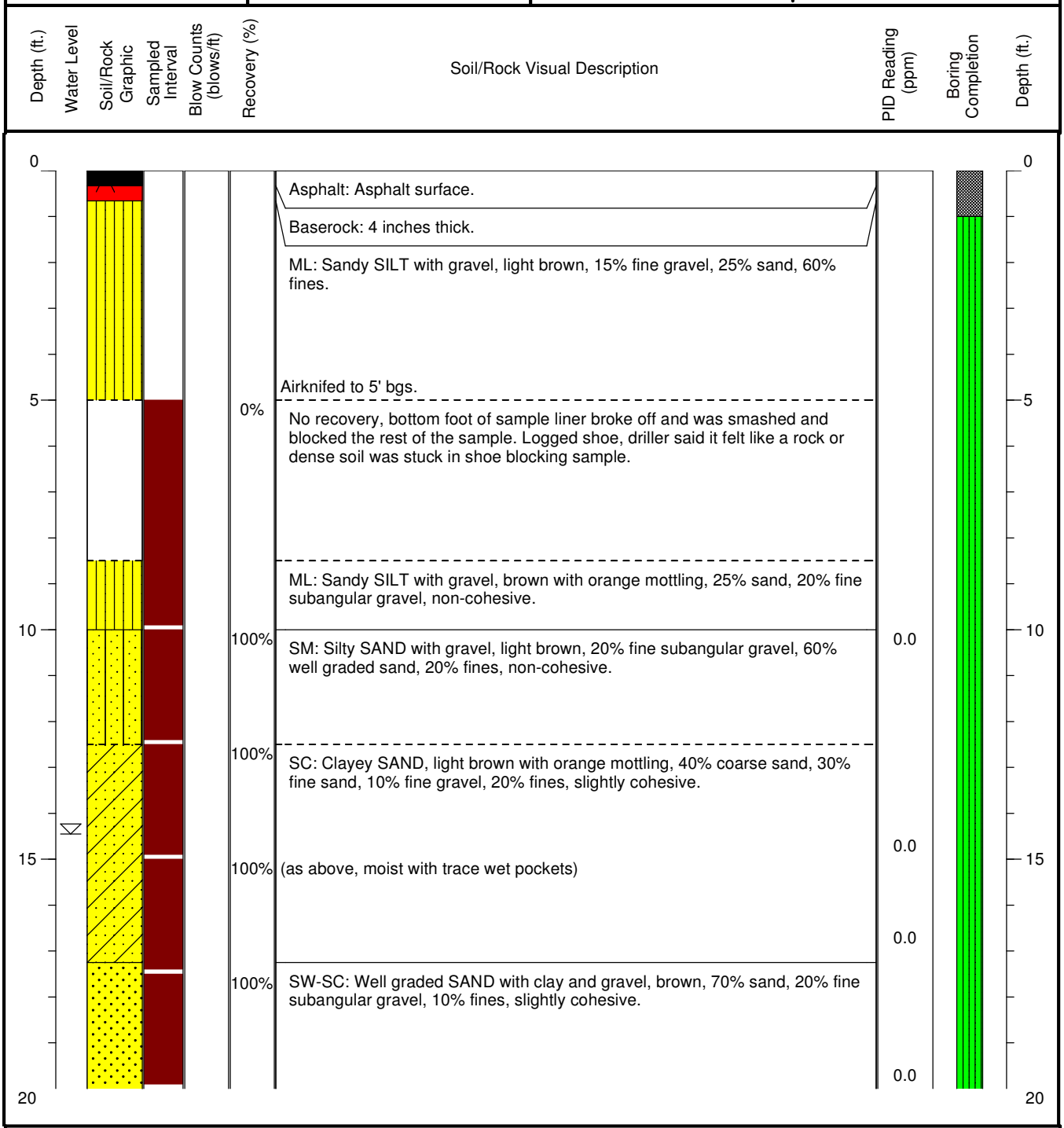
Depth (ft.)	Water Level	Soil/Rock Graphic	Sampled Interval	Blow Counts (blows/ft)	Recovery (%)	Soil/Rock Visual Description	PID Reading (ppm)	Boring Completion	Depth (ft.)
25					100%	CL: Sandy lean CLAY, light brown, low plasticity, cohesive, 30% fine sand.	0.0		25
					100%	(as above, contains trace areas of wet gray clay)	0.0		
						CL: Lean CLAY with sand, brown, medium plasticity, 15% fine sand.			
					100%	CL: Sandy lean CLAY, brown, low plasticity, 40% fine sand, trace black organic material.			
30						Bottom of boring = 30' bgs.	0.8		30
35									35

BORING LOG

Client Antea Group ELT
Project Number I40256390

Boring No. SB-4

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **30'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**

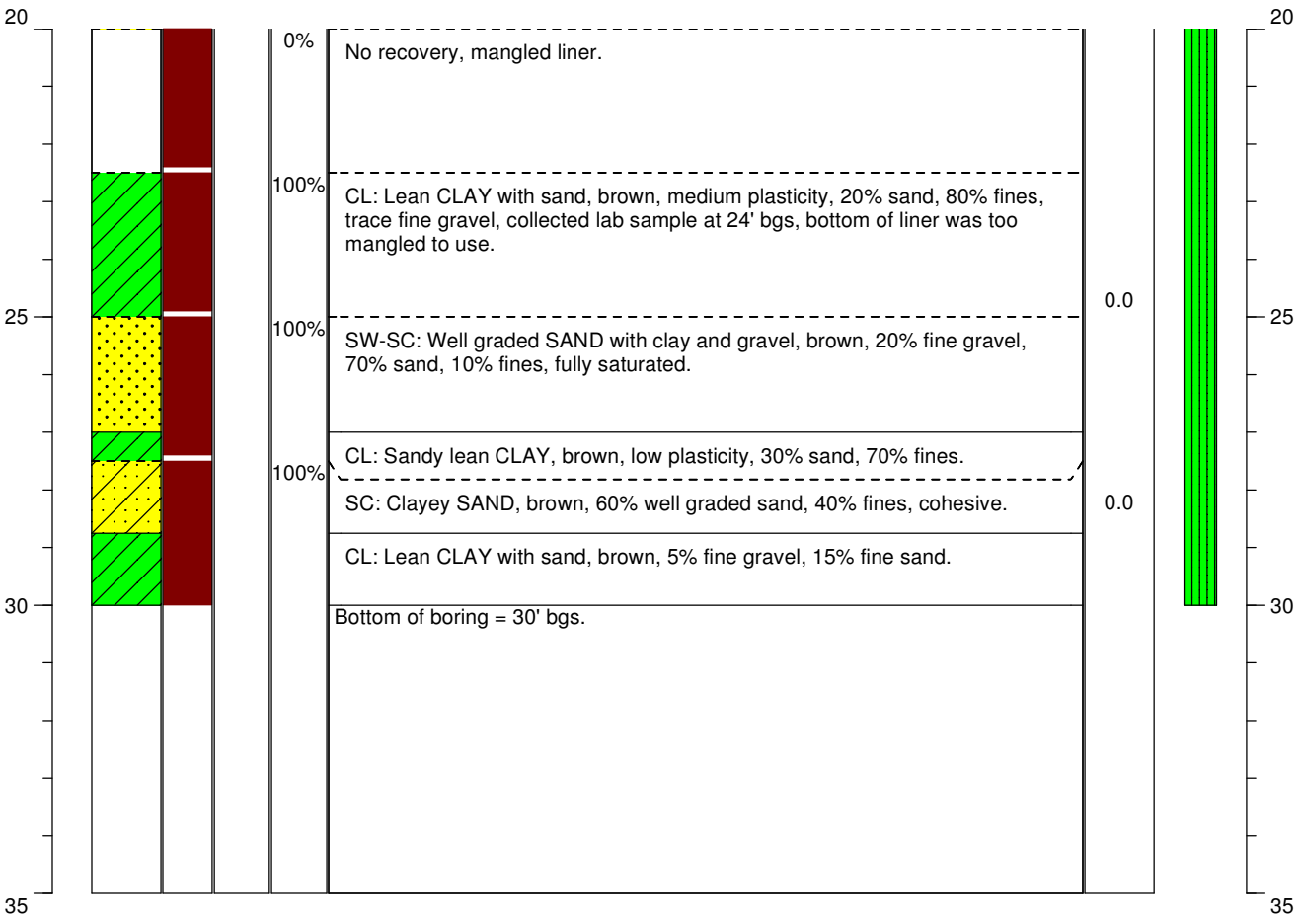


BORING LOG

Client Antea Group ELT
Project Number I40256390

Boring No. SB-4

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **30'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**

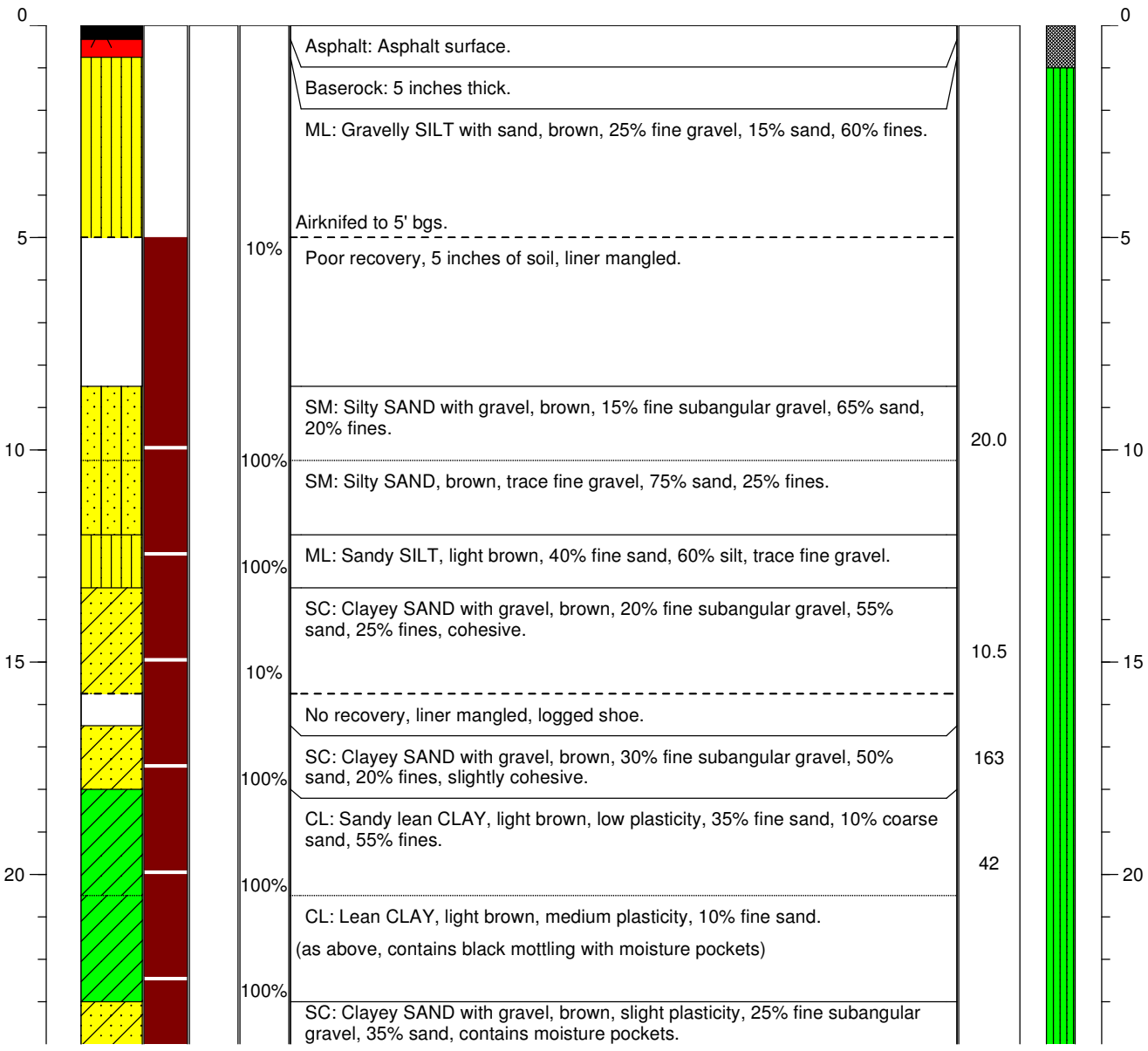


BORING LOG

Client Antea Group ELT
Project Number I40256390

Boring No. SB-5

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **40'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**



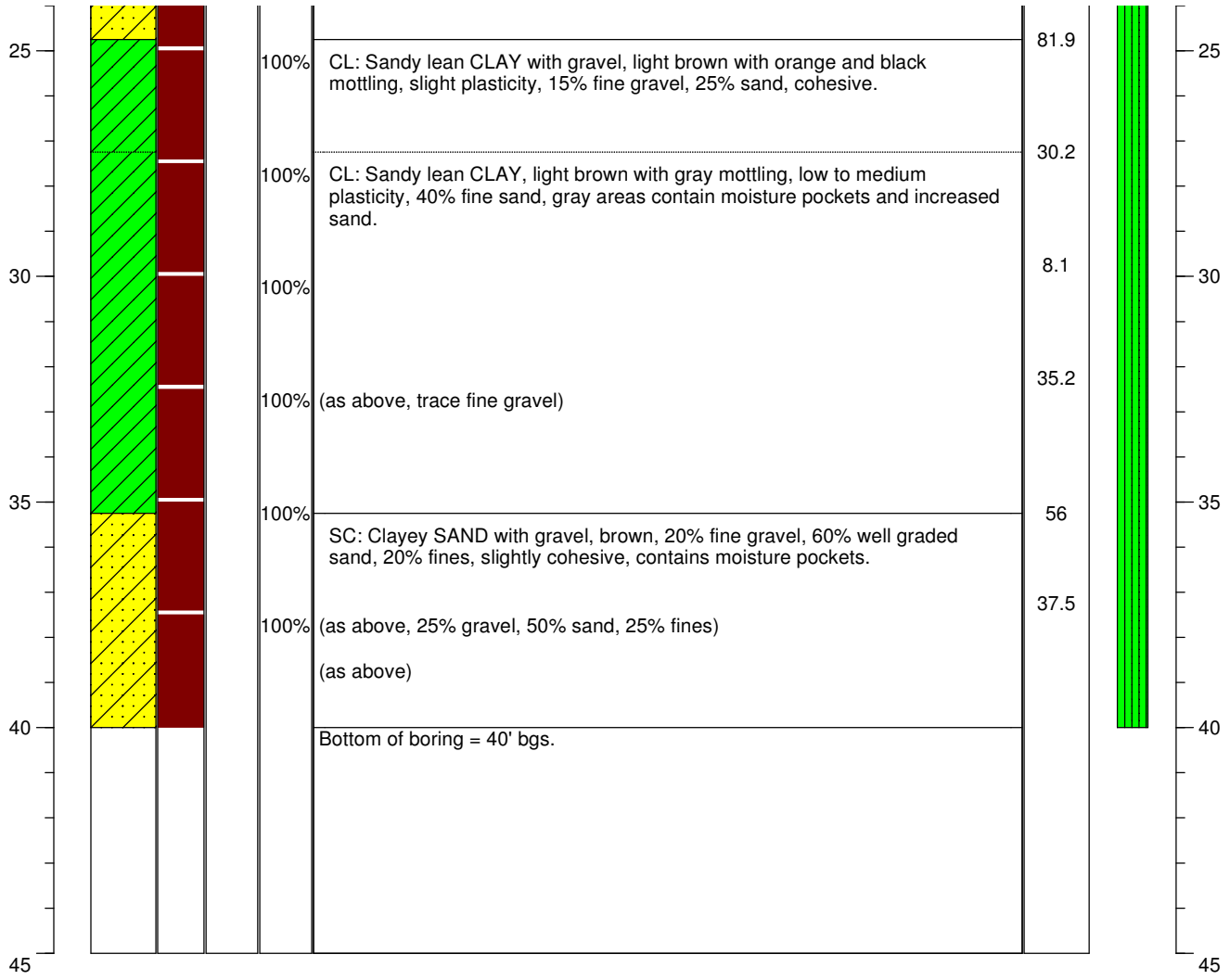
BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-5

Address:	Drilling Date(s): **05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **40'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**



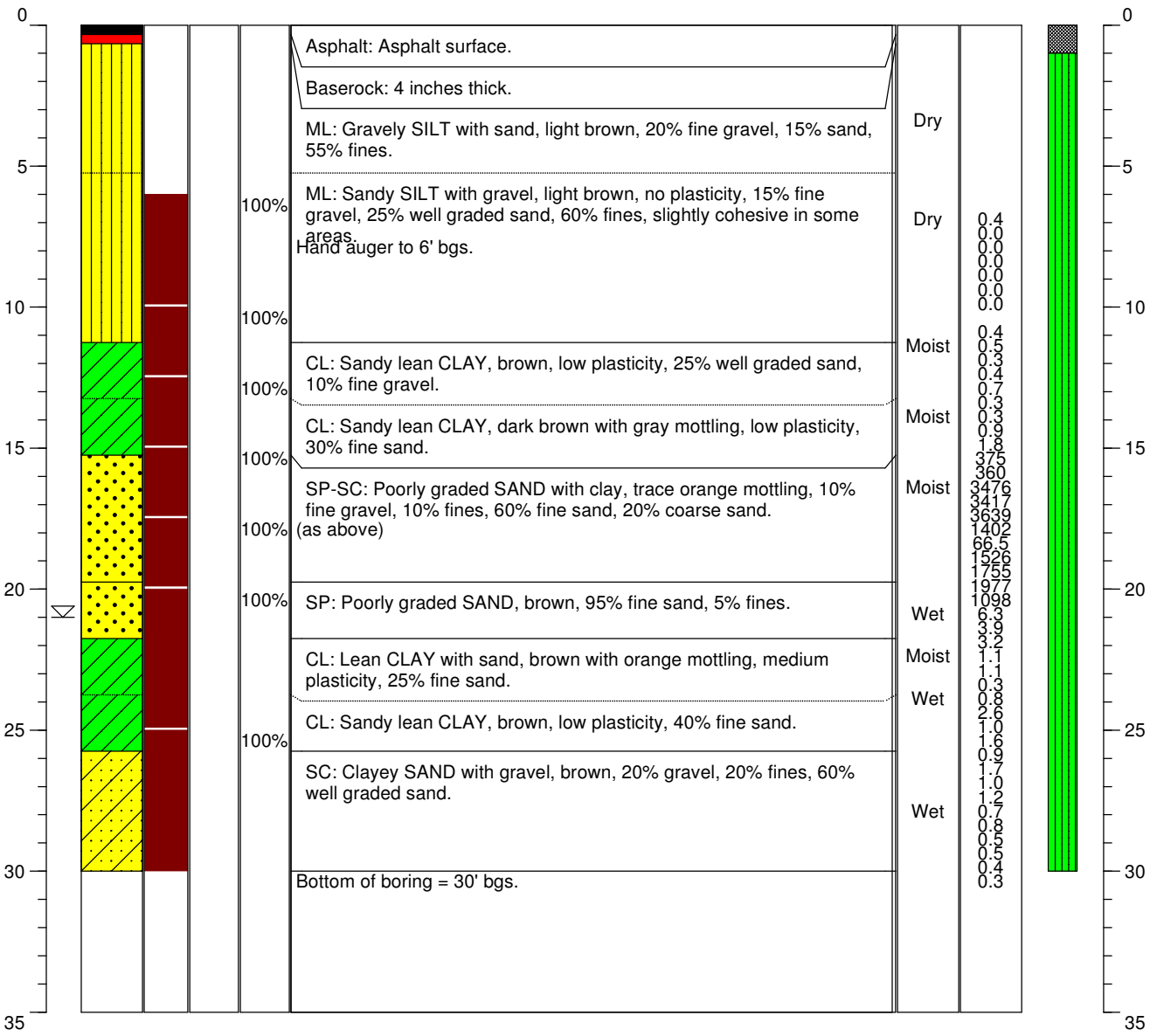
BORING LOG

Client Antea Group ELT

Project Number I40256390

Boring No. SB-6

Address:	Drilling Date(s): **06/07/11**	Boring diameter (in.): **2'4"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **30'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**

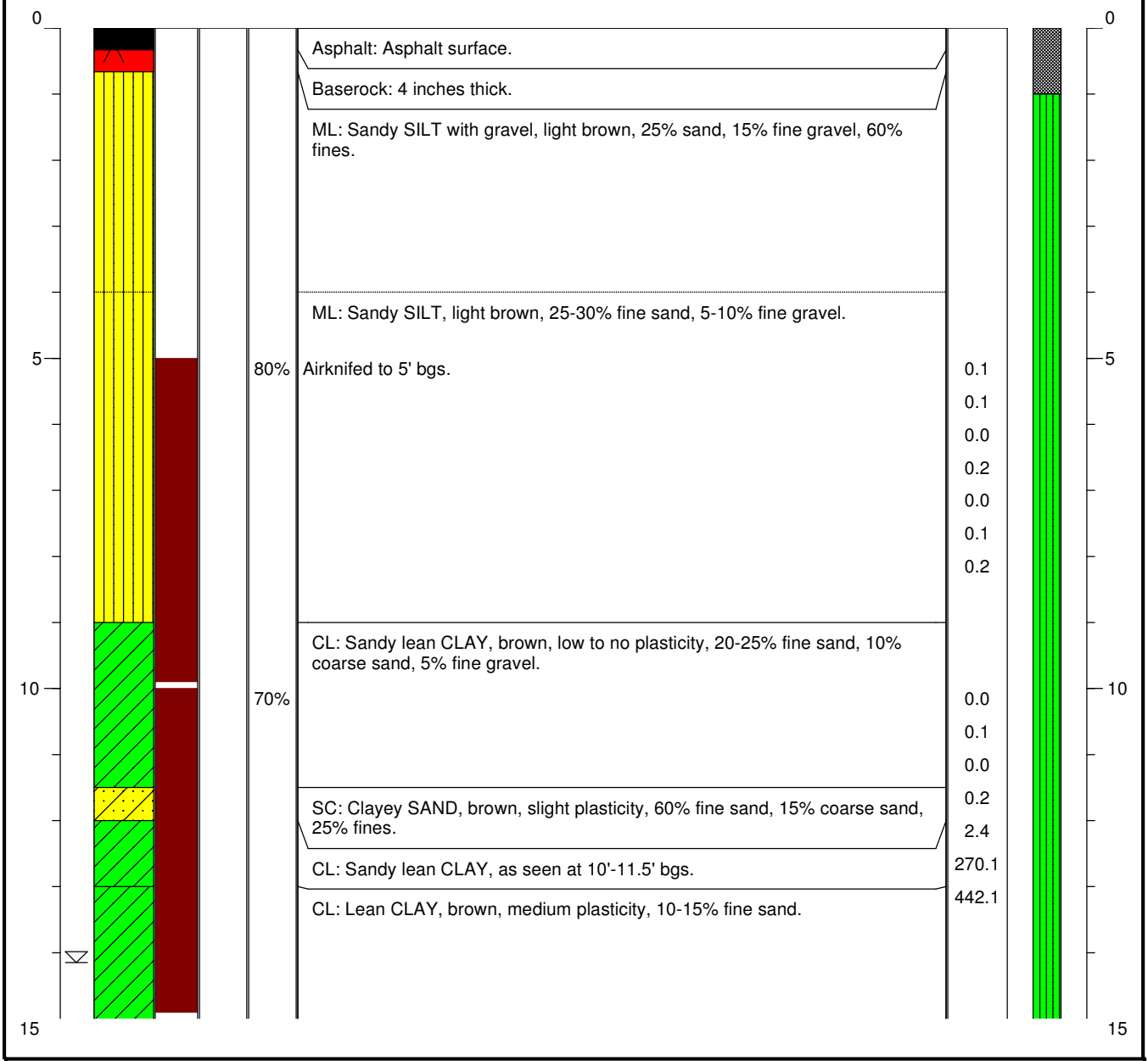


BORING LOG

Client Antea Group ELT
Project Number I40256390

Boring No.
SB-7

Address:	Drilling Date(s): **05/17/11-05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **25'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**

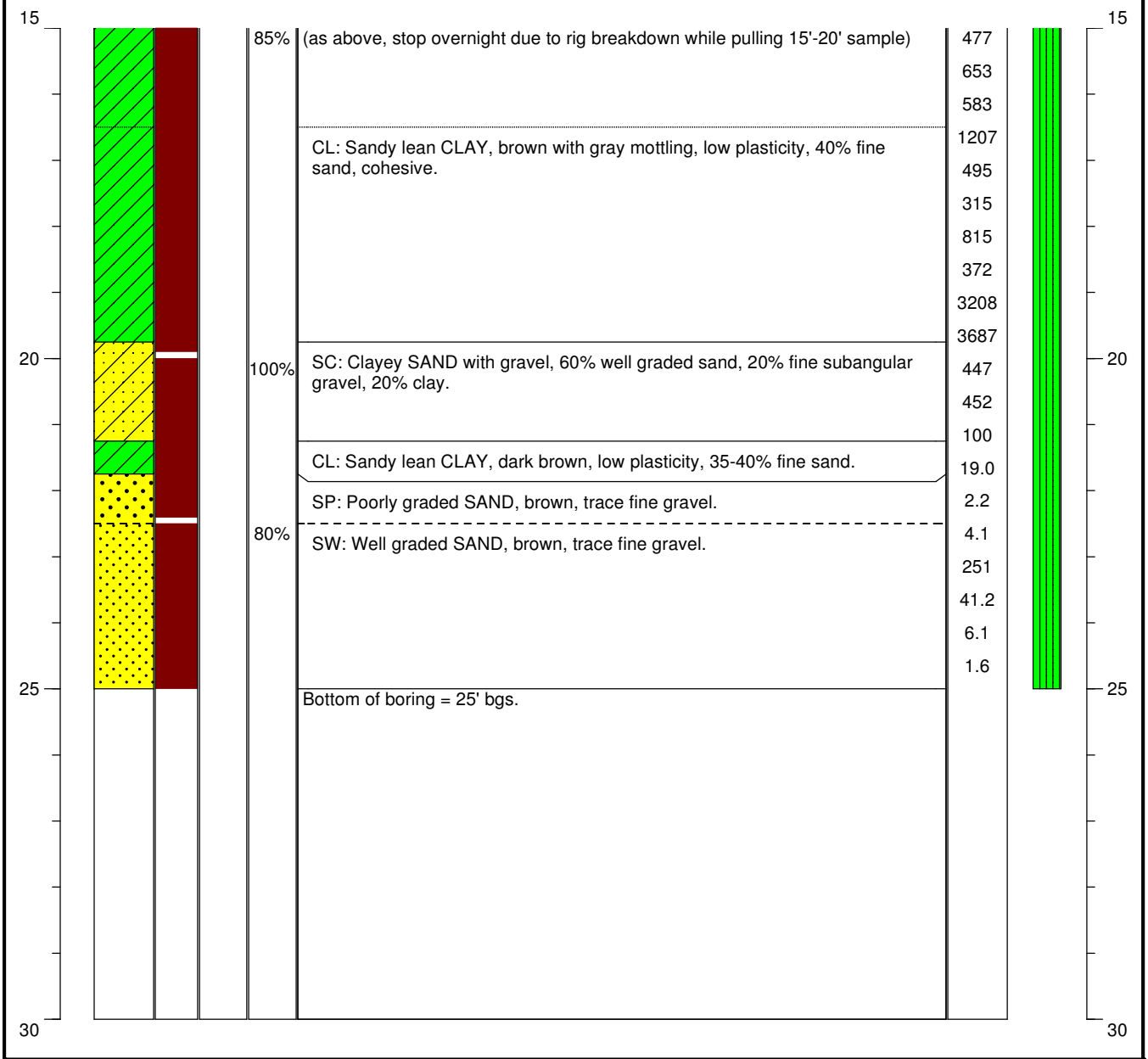


BORING LOG

Client Antea Group ELT
Project Number I40256390

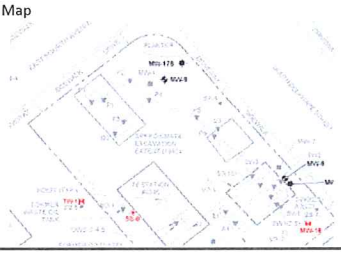
Boring No. SB-7

Address:	Drilling Date(s): **05/17/11-05/18/11**	Boring diameter (in.): **2"**	Casing Material: **NA**
402 South Delaware Street	Drilling Company: **Cascade**	Sampling Method: **Dual Tube**	Screen Interval (ft.): **NA**
San Mateo, CA	Drilling Method: **Geoprobe**	Well Depth (ft.): **NA**	Screen slot size: **NA**
Logged By: **Evan C.**	Boring Depth (ft): **25'**	Casing Diameter (in.): **NA**	Sand Pack: **NA**



Project No:	I40256390	Client:	Antea Group	Boring No: SB-8
Logged By:	M. Corley and D. Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 2
Driller:	Woodward Drilling	Date Drilled:	5/16/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	30'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	30'	
Temp Sand Pack:	1" Pre-pack filter			

Location Map



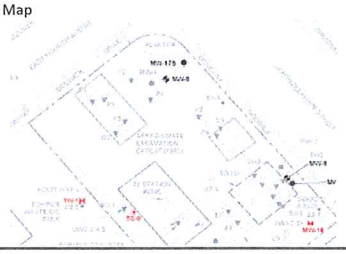
▽ First Water Depth: NA ▼ Static Water Depth: 14.5'

Elevation: Northing: Easting:

Temporary Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill: Neat Cement (Backfilled after temp well removal); Temp Well: 1" SCH 40 PVC	▼			Air Knife to 5'	1–7				Cleared borehole with air-knife to 5 feet bgs; 6" asphalt At 10": Base rock with sand and clay
		dry			8			SM	Shoe only: Silty SAND (SM) - brown; 75% fine sand (trace medium to coarse sand), 25% silty fines; non plastic fines
		dry			8–9			SC	Clayey SAND with gravel (SC) - light brown; 70% fine to coarse sand, 15% clayey fines, 15% fine gravel; subangular to subrounded gravel
			0.3		10–11			SC	
					12–13			SC	As above with 65% fine to coarse sand; 20% fine gravel; 15% clayey fines; 0.5" diameter gravel
		damp			14–15			SC	Clayey SAND (SC) - brown; 85% fine to medium sand, 15% clayey fines, trace small gravel, trace coarse sand
			0.3		16–17			SC	
		damp			18–19			ML	SILT (ML) - light brown; 90% silty fines, 10% very fine sand; soft; low plasticity fines; orange/red mottling
			0.3		20			CL	Sandy CLAY (CL) - light brown; 70% clayey fines, 30% fine sand; stiff; low plasticity fines
					21			SC	Clayey SAND (SC) - brown; 60% fine to coarse sand, 35% clayey fines, 5% gravel; low plasticity fines
					22			CL	Sandy CLAY (CL) - brown; 65% clayey fines, 35% fine sand; low plasticity fines; soft

Project No:	I40256390	Client:	Antea Group	Boring No: SB-8
Logged By:	M. Corley and D. Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 2 of 2
Driller:	Woodward Drilling	Date Drilled:	5/16/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	30'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	30'	
Temp Sand Pack:	1" Pre-pack filter			
First Water Depth: NA		Static Water Depth: 14.5'		
Elevation:		Northing:		Easting:

Location Map

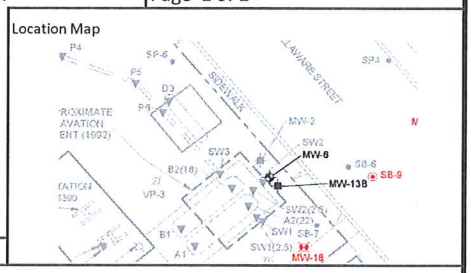


Temporary Well Completion: Backfill	Temporary Well Completion: Temp Well	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement (Backfilled after temp well removal)	1" SCH 40 PVC					23			CL	As above (19.5-21') with trace 0.5 to 1" diameter subrounded gravel
				1.3						As above with tan fine sand nodules
						24			GC	Clayey GRAVEL with sand (GC) - brown/green/light brown/white gravel and brown sand and clay; 60% gravel, 25% fine to coarse sand, 15% clayey fines; 0.25 to 1.25" subangular gravel
			moist			25				
						26			ML	SILT with sand (ML) - brown; 85% silty fines, 15% fine to medium sand; soft; low plasticity fines
						27				
				0.3						Lean CLAY with sand (CL) - brown; 75% clayey fines, 25% fine to coarse sand; very stiff; low plasticity fines
						28			CL	Sandy Lean CLAY (CL) - brown; 65% clayey fines, 35% fine to coarse sand; soft; low plasticity fines
			moist			29				
				0.5						Groundwater sample collected from 25-30' depth.
						30				
						31				
						32				
						33				
						34				
						35				
						36				
						37				
						38				
						39				
						40				
						41				
						42				
						43				
						44				

PROFESSIONAL GEOLOGIST
DOUGLAS K. UMLAND
No. 6169
12/31/2013
EXP.
STATE OF CALIFORNIA

Project No:	I40256390	Client:	Antea Group	Boring No: SB-9
Logged By:	Matt Corley/David Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1
Driller:	Woodward	Date Drilled:	4/12/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	17'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	17'	
Temp Sand Pack:	1" Pre-pack filter			
▽ First Water Depth: 13.6'		▼ Static Water Depth: 15.8'		
Elevation:		Northing:		Easting:

Location Map



Temporary Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Backfill; Temp Well; Neat Cement (Backfilled after temp well removal); 1" SCH 40 PVC	▽ ▼	moist; dry; moist; dry; moist	No readings	Air Knife to 5'	1–22			CL	Cleared borehole with air-knife to 5 feet bgs; 6" asphalt Sandy lean CLAY (CL) - brown; 70% clayey fines, 30% fine to coarse sand, trace small gravel; low plasticity 60% clayey fines, 40% fine to coarse sand Sandy lean CLAY (CL) - brown; 60% clayey fines, 40% fine to coarse sand, trace small gravel; low plasticity light brown; 50% clayey fines, 40% fine to coarse sand, 10% small gravel Sandy lean CLAY (CL) - brown; 60% clayey fines, 40% fine to coarse sand, trace small gravel; low plasticity light brown to tan; 50% clayey fines, 40% fine to coarse sand, 10% small gravel Groundwater sample collected from 12-17' depth.

PROFESSIONAL GEOLOGIST
DOUGLAS K. UNLAND
No. 6159
EXP: 12/31/2013
STATE OF CALIFORNIA

Project Name	Soil Boring Log	Soil Boring Number
76 Service Station No. 6390		**SB-10**

Address	Drilling Contractor	Drilling Method	Backfill Material
402 South Delaware Street **San Mateo California**	**Gregg D&T Inc.**	**Hand Auger**	**Neat Cement Grout**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Grab**	Boring Depth **9 ft.**	Boring Diameter **4 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/21/13**	Date Drilling Completed **6/21/13**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Type	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Backfill Diagram	Backfill Details	Depth
0	0		CL	Lean Clay; tan-brown, >95% fines, trace very fine sand	DRY	HA	0 - 1	100				Concrete: 0-0.5 ft.	0
					DRY	HA	1 - 2	100					
					DRY	HA	2 - 3	100	399.9			Neat Cement Grout: 0.5-9 ft.	
					DRY	HA	3 - 4	100					
-5	5				DRY	HA	4 - 5	100	208.7				5
					DRY	HA	5 - 6	100					
			ML	Silt; tan, >95% fines, trace very fine-fine sand, medium plasticity	DRY	HA	6 - 7	100	261.5				
				same as above; 10% fine subangular-subround gravel, 90% fines, trace coarse subangular-subround gravel, trace fine-medium sand	DRY	HA	7 - 8	100					
-10	10			Boring terminated at 9 ft bgs. Refusal due to large rock in borehole.	DRY	HA	8 - 9	100	0.0				10
-15	15												15
-20	20												20
-25	25												25

HA = Hand Auger

▽ Water Level During Drilling ▼ Static Water Level

anteagroup INOGEN

Project Name	Soil Boring Log	Soil Boring Number
76 Service Station No. 6390		**SB-11**

Address	Drilling Contractor	Drilling Method	Backfill Material
402 South Delaware Street			
San Mateo California	**Gregg D&T Inc.**	**Direct Push**	**Grout**
Logged By / Approved By	Sampling Method	Boring Depth	Boring Diameter
D. Sisak / D. Umland	**Direct Push**	**32 ft.**	**3 in.**
Antea Group Project Number	Headspace Monitoring Device	Date Drilling Started	Date Drilling Completed
I40256390	**PID**	**3/15/13**	**3/15/13**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Type	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Backfill Diagram	Backfill Details	Depth
0	0			Asphalt/Concrete	DRY	AK	0 - 5	-	-			Grout: 0-32 ft.	0
			CL	Sandy Lean Clay with Gravel; brown with trace red-orange mottling, 15% fine subangular gravel, 25% fine to coarse sand, 60% fines, trace coarse subangular gravel, unconsolidated									
-5	5				DRY	SS	5 - 8	100	0.5				5
					DRY	SS	8 - 12	100					
-10	10								0.6				10
					DRY	SS	12 - 16	100					
									0.2				
			CL	Lean Clay; light brown, 10% fine sand, 90% fines, trace medium to coarse sand, medium plasticity	MOIST								
-15	15								0.7				15
			CL	Lean Clay; light brown with black mottling, >95% fines, trace coarse sand	DRY	SS	16 - 20	100	0.0				
-20	20		GP	Poorly Graded Gravel; light gray, >95% coarse subangular gravel	DRY	SS	20 - 21	100	0.0				20
			CL		MOIST				0.1				
				Lean Clay; brown, 10% fine sand, 90% fines	MOIST	SS	21 - 24	100	0.1				
					MOIST				0.0				
						SS	24 - 28	100					
-25	25												25

AK = Air Knife
SS = Split Spoon

Grab groundwater sample collected 3/15/13 10:45 am.

▽ Water Level During Drilling ▼ Static Water Level

antea group INOGEN

Project Name	Soil Boring Log	Soil Boring Number
76 Service Station No. 6390		SB-11

Address	Drilling Contractor	Drilling Method	Backfill Material
402 South Delaware Street San Mateo California	Gregg D&T Inc.	Direct Push	Grout
Logged By / **Approved By**	**Sampling Method**	**Boring Depth**	**Boring Diameter**
D. Sisak / D. Umland	Direct Push	32 ft.	3 in.
Antea Group Project Number	**Headspace Monitoring Device**	**Date Drilling Started**	**Date Drilling Completed**
I40256390	PID	3/15/13	3/15/13

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Type	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Backfill Diagram	Backfill Details	Depth
-25	25		CL	Lean Clay continued									25
			CL	Sandy Lean Clay with Gravel; dark brown, 20% fine to coarse subangular gravel, 25% fine to coarse sand, 55% fines	DRY				0.0				
			CL	Lean Clay with Sand; brown, 20% medium to coarse sand, 80% fines	DRY	SS	28 - 32	100					
-30	30			same as above; brown, 25% fine to medium sand, 75% fines	MOIST				0.1	▼			30
					DRY								
				Boring terminated at 32 ft bgs.									
-35	35												35
-40	40												40
-45	45												45
-50	50												50

AK = Air Knife
SS = Split Spoon

Grab groundwater sample collected 3/15/13 10:45 am.

▽ Water Level During Drilling ▼ Static Water Level

anteagroup INOGEN

Project No:	I40256390	Client:	Antea Group	Boring No: TW-1	
Logged By:	Matt Corley	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 2	
Driller:	Woodward	Date Drilled:	4/10/2012	Location Map	
Drilling Method:	Direct Push	Hole Diameter:	3"		
Sampling Method:	Direct Push	Hole Depth:	27'		
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"		
Temp Slot Size:	0.010	Temp Well Depth:	27'		
Temp Sand Pack:	1" Pre-pack filter				
▽ First Water Depth: NA		▼ Static Water Depth: 15.46'			
Elevation:		Northing:		Easting:	

Temporary Well Completion: Backfill	Temp Well	Temp Well	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement (Backfilled after temp well removal)	1" SCH 40 PVC	1" SCH 40 PVC	▼			Air Knife to 5.0'	1				Soil lithology copied from SB-5 (Logged by Antea Group on 5/18/11) located less than 5 feet from TW-1 at same elevation.
							2				Gravelly SILT with Sand (ML) - brown, 25% fine gravel, 15% sand, 60% fines
							3				
							4				
							5			ML	Poor recovery, 5 inches of soil, liner mangled
							6				
							7				
							8				
							9			SM	Silty SAND with Gravel (SM) - brown, 15% fine subangular gravel, 65% sand, 20%
							10				Silty SAND (SM) - brown, trace fine gravel, 75% sand, 25% fines
							11				
							12			ML	Sandy SILT (ML) - light brown, 40% fine sand, 60% silt, trace fine gravel
							13				
							14			SC	Clayey SAND with Gravel (SC) - brown, 20% fine subangualr gravel, 55% sand,
							15				
							16				No recovery, liner mangled, logged shoe
							17				Clayey SAND with Gravel (SC) - brown, 30% fine subangular gravel, 50% sand, 20% fines, slightly cohesive
							18			CL	Sandy Lean CLAY (CL) - light brown, low plasticity, 35% fine sand, 10% coarse sand, 55% fines
							19				
							20				Attempted groundwater sample collection at 15-20'. No water. Sample not collected.
							21				Lean CLAY (CL) - light brown, medium plasticity, 10% fine sand
							22				As above, contains black mottling with moisture pockets

Project No:	I40256390	Client:	Antea Group	Boring No: TW-1
Logged By:	Matt Corley	Location:	402 S Delaware Street, San Mateo, CA	Page 2 of 2
Driller:	Woodward	Date Drilled:	4/10/2012	
Drilling Method:	Direct Push	Hole Diameter:	3"	
Sampling Method:	Direct Push	Hole Depth:	27'	
Temp Casing Type:	1" SCH 40 PVC	Temp Well Diameter:	1"	
Temp Slot Size:	0.010	Temp Well Depth:	27'	
Temp Sand Pack:	1" Pre-pack filter			
▽ First Water Depth: NA		▼ Static Water Depth: 15.46'		
Elevation:		Northing:		Easting:

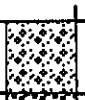
Location Map



Temporary Well Completion: Backfill	Temporary Well Completion: Temp Well	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement						23			CL	Soil lithology copied from SB-5 (Logged by Antea Group on 5/18/11) located less than 5 feet from TW-1.
						24			SC	Clayey SAND with Gravel (SC) - brown, slight plasticity, 25% fine subangular gravel, 35% sand, contains moisture pockets
						25				Groundwater sample collected from 22-27' screened interval.
						26			CL	Sandy Lean CLAY with Gravel (CL) - light brown with orange and black mottling, slight plasticity, 15% fine gravel, 25% sand, cohesive
						27				SANDY Lean CLAY (CL) - light brown with grey mottling, low to medium plasticity, 40% fine sand, grey areas contain moisture and increased sand
						28				Boring terminated at 27' (TW-1)
						29				
						30				

PROFESSIONAL GEOLOGIST
DOUGLAS K. UNLAND
No. 6159
EXP. 12/31/2013
STATE OF CALIFORNIA

KAPREALIAN ENGINEERING
INCORPORATED

MAJOR DIVISIONS	SYMBOLS		TYPICAL SOIL DESCRIPTIONS
GRAVELS (More than 1/2 of coarse fraction > No. 4 sieve size)	GW		Well graded gravels or gravel - sand mixtures, little or no fines
	GP		Poorly graded gravels or gravel - sand mixtures, little or no fines
	GM		Silty gravels, gravel - sand - silt mixtures
	GC		Clayey gravels, gravel - sand - clay mixtures
SANDS (More than 1/2 of coarse fraction < No. 4 sieve size)	SW		Well graded sands or gravelly sands, little or no fines
	SP		Poorly graded sands or gravelly sands, little or no fines
	SM		Silty sands, sand - silt mixtures
	SC		Clayey sands, sand - clay mixtures
SILTS & CLAYS LL < 50	ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
	CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL		Organic silts and organic silty clays of low plasticity
SILTS & CLAYS LL > 50	MH		Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH		Inorganic clays of high plasticity, fat clays
	OH		Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS	Pt		Peat and other highly organic soils

CLASSIFICATION CHART (Unified Soil Classification System)

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG D.L. CEG/1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/25/94
Boring No. MW1	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		A.C. Pavement over sand and gravel base.
			ML	Sandy silt, sand is very fine to fine-grained, hard, friable, moist, dark brown to dark reddish brown.
21/19/25		5	GM	Silty gravel with sand, trace clay, estimated at 15% silt, angular to rounded gravel to 1 inch in diameter, dense, slightly moist, dark brown and dark reddish brown, some gravel is weathered and decomposed.
12/15/23		10	GC	Clayey gravel with sand, trace silt, estimated at 15% clay, gravel to 1 inch in diameter, medium dense to dense, moist, dark yellowish brown.
9/11/14		15	CL	Silty clay, estimated at 10-15% sand and gravel to 5/8 inch in diameter, very stiff, moist, olive brown and dark yellowish brown, mottled, sand and gravel content decreasing with depth.
8/11/16				Silty clay, as above, trace sand.
			ML	Sandy silt, estimated at 5-15% clay, sand is fine to medium-grained, very stiff, moist to very moist, olive brown.
7/10/14	▽	20	GM	Silty gravel with sand, estimated at 15% silt, medium dense to dense, very moist to wet, olive brown grading to dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** D.L.
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/25/94
Boring No. MW1	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
13/16/19			SM	Silty sand with gravel, estimated at up to 30% gravel and variable clay content up to 10%, dense, moist to wet, dark yellowish brown.
		25	ML	Clayey silt, estimated at 10-15% sand, very stiff, moist, dark yellowish brown.
10/18/20			SM	Silty sand, estimated at 15% silt, trace clay, trace gravel to 1/4 inch in diameter, dense, wet, dark yellowish brown.
		30		TOTAL DEPTH: 28'
		35		
		40		

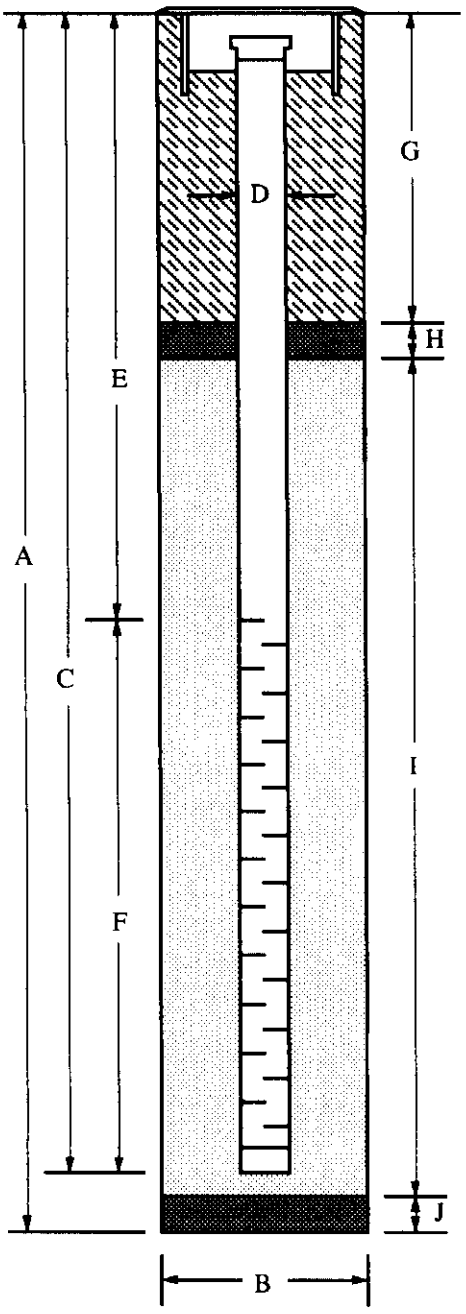
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW1

PROJECT NUMBER: KEI-P92-0801

WELL PERMIT NO.: SMCDHS/EHD #LMW-070-94

Flush-mounted Well Cover



A. Total Depth : 28'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 28'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 10'

F. Perforated Length: 18'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 6'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 20'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** TGC D.L. CEC 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW2	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Concrete slab
				Sand and gravel base.
			ML	Sandy silt, hard, friable, dry to slightly moist, dark yellowish brown.
15/23/40		5	ML	Clayey silt, estimated at 5-10% gravel and sand, hard, friable, slightly moist, dark yellowish brown, with roots and root holes.
			GM	Silty gravel with sand, estimated at 15-20% silt, very dense, slightly moist, dark yellowish brown.
26/19/21		10	GM	Silty gravel with sand, trace clay, gravel to 1 inch in diameter, slightly moist to moist, dark yellowish brown.
10/14/17			ML	Sandy silt, estimated at 5-10% clay, very stiff to hard, moist, dark yellowish brown, fissured, slightly disturbed.
12/9/11		15	SM	Silty sand, estimated at 15% silt, locally with up to 20% gravel to 3/4 inch in diameter, medium dense, very moist, dark yellowish brown.
			GM	Silty gravel with sand, dense, very moist to wet, olive to olive brown.
8/22/23	▽		SW	Well graded sand, trace fines, dense, wet, dark yellowish brown.
3/3/4		20	ML	Clayey silt, firm, moist, yellowish brown, with iron oxide staining.
			ML	Silt, estimated at 20-30% very fine to fine-grained sand, firm, wet, yellowish brown and dark yellowish brown, mottled.

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGC D.L. CEC 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW2	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
4/6/7			ML	Silty sand, very fine to fine-grained, estimated at 20-30% silt, stiff, wet, dark yellowish brown, locally grades to sandy silt, with iron oxide staining.
8/11/14		25	GW	Well graded gravel with sand, estimated at up to 15% fines, angular to rounded gravel to 1 1/2 inches in diameter, medium dense to dense, saturated, dark yellowish brown.
8/14/20		30		TOTAL DEPTH: 30'
		35		
		40		

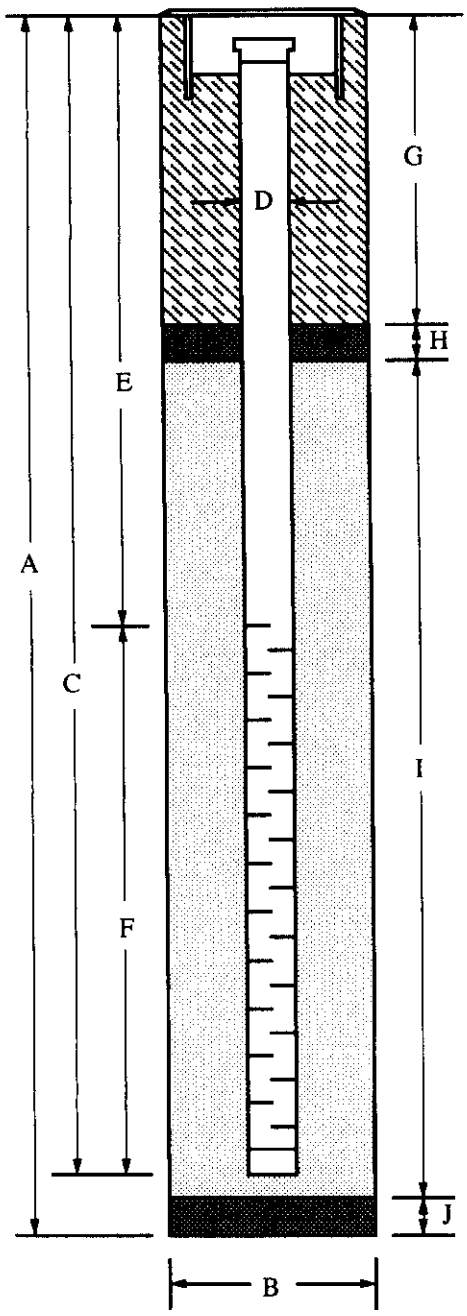
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW2

PROJECT NUMBER: KEI-P92-0801

WELL PERMIT NO.: SMCDHS/EHD #LMW-070-94

Flush-mounted Well Cover



A. Total Depth : 30'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 30'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 10'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 6'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JCG D.L. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW3	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS		Description
		0			A.C. Pavement over sand and gravel base.
			ML		Silt, estimated at 15-20% very fine to fine-grained sand, trace clay, firm to stiff, moist, dark yellowish brown.
9/11/14		5			Gravelly silt, estimated at 10-15% sand, very stiff to hard, moist, dark yellowish brown, angular to rounded gravel to 1 inch in diameter.
15/17/22		10	GM		Silty gravel with sand, estimated at 15-20% silt, weathered gravel to 1-1/2 inches in diameter, dense, moist, dark yellowish brown.
			ML		Silt, estimated at 20-30% fine to coarse-grained sand, 5-10% clay, very stiff, moist, dark yellowish brown.
9/12/15		15			Silt, estimated at 20-25% clay, trace sand, very stiff, moist, dark yellowish brown.
4/7/10	▽		SM		Silty sand, estimated at 15-20% silt, and 5-20% variable gravel content, medium dense, very moist to wet, dark yellowish brown.
4/7/11			ML		Sandy silt, trace clay, stiff, moist, dark yellowish brown.
		20	SW-SM		Well graded sand with silt (10-15%), medium dense, very moist to wet, dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JLC D.L. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 5/24/94
Boring No. MW3	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
4/5/11			ML	Gravelly silt, estimated at 15% sand, locally with trace clay, angular to rounded gravel to 1 inch in diameter, stiff, very moist, dark yellowish brown.
10/14/20		25	GM	Silty gravel with sand, estimated at 15% silt and up to 10% clay, subangular to rounded gravel to 3/4 inch in diameter, medium dense, moist, dark yellowish brown.
		30		TOTAL DEPTH: 28'
		35		
		40		

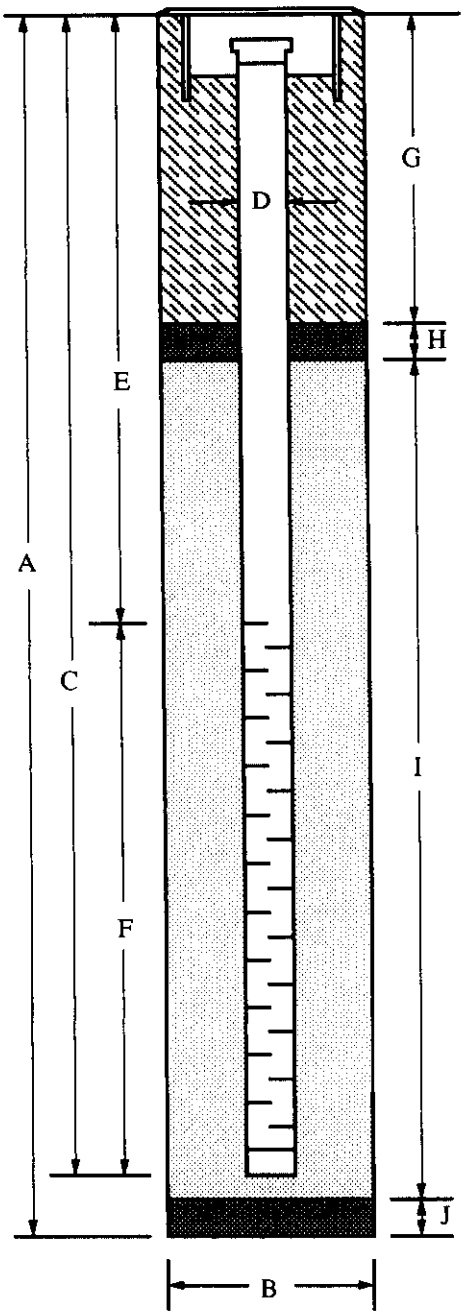
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW3

PROJECT NUMBER: KEI-P92-0801

WELL PERMIT NO.: SMCDHS/EHD #LMW-070-94

Flush-mounted Well Cover



A. Total Depth : 28'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 28'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 10'

F. Perforated Length: 18'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 6'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 20'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW4	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Concrete.
			ML	Sandy silt, estimated at 30-35% fine to coarse-grained sand, firm, moist,dark yellowish brown.
				Sandy silt, estimated at 30-35% fine to coarse-grained sand, hard, moist,dark yellowish brown.
20/35/50-4"		5	SC	Clayey sand with gravel to 1-1/4 inches in diameter, estimated at 25-30% clay and 15-20% gravel, sand is fine to coarse-grained, very dense, moist, yellowish brown, friable.
17/24/30	▽	10	GC	Clayey gravel with sand, estimated at 10-20% clay and 25-30% fine to medium-grained sand, dense to very dense, wet, dark yellowish brown.
13/23/35		15	GW	Well graded gravel with sand, trace clay and silt, estimated at 20-25% medium to coarse-grained sand, gravel to 2 inches in diameter, dense to very dense, saturated, dark yellowish brown.
20/30/41		20	GW-GC	Well graded gravel with clay and sand, estimated at 5- 10% clay, trace silt, estimated at 35-40% medium to coarse-grained sand, gravel to 1/2 inch in diameter, very dense, saturated, dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** T.S. JGG CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW4	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
				Well graded gravel with clay and sand.
			SP	Poorly graded sand with gravel, estimated at 35-40% gravel to 1/4 inch in diameter, sand is coarse to very coarse-grained, very dense, saturated, very dark grayish brown.
9/50		25	SP-SC	Poorly graded sand with clay and gravel, estimated at 10-15% clay and 30-35% gravel to 1/4 inch in diameter, sand is coarse to very coarse-grained, very dense, saturated, dark yellowish brown.
17/28			GW	Well graded gravel with sand, trace silt, estimated at 20-30% medium to coarse-grained sand, gravel to 2 inches in diameter, dense, saturated, dark yellowish brown.
		30		TOTAL DEPTH: 27'
		35		
		40		

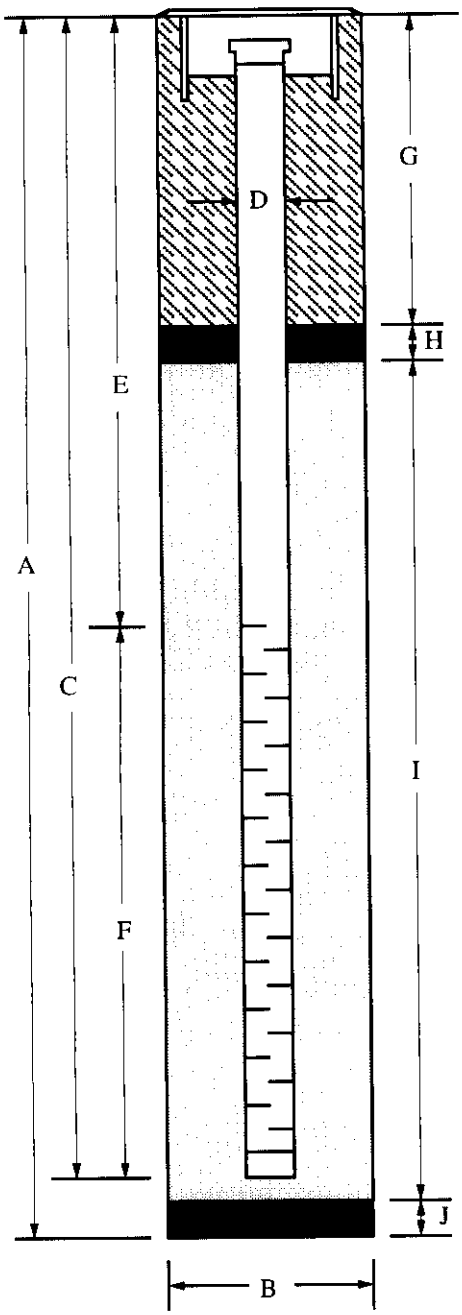
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW4

PROJECT NUMBER: KEI-P92-0801.P3

WELL PERMIT NO.: San Mateo County DHS/EHD #LMW-43-95

Flush-mounted Well Cover



A. Total Depth : 27'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 27'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 7'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 3'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW5	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Concrete.
			ML	Sandy silt, estimated at 30-40% fine to coarse-grained sand, firm, moist,dark yellowish brown.
14/28/25		5		Sandy silt, trace gravel to 3/4 inch in diameter, estimated at 35-45% fine to medium-grained sand, hard, moist, yellowish brown.
10/20/33			SP-SM	Poorly graded sand with silt and gravel, estimated at 5-10% silt, 30% gravel to 3/4 inch in diameter, sand is fine to medium-grained, dense to very dense, moist, dark yellowish brown.
9/21/38		10		Silty gravel with sand, estimated at 30-35% silt and 15% sand, gravel to 1-1/2 inch in diameter, dense to very dense, moist, dark yellowish brown.
6/23/48	▽		GM	Silty gravel with sand, estimated at 25-30% medium to coarse-grained sand and 15-20% silt, gravel to 1 inch in diameter, medium dense to very dense, moist, dark yellowish brown.
19/25/30		15	ML	Silt, estimated at 5-15% clay, hard, moist, strong brown and black, mottled.
9/12/40		20	SW-SM	Well graded sand with silt and gravel, estimateted at 20% gravel to 1-1/2 inches in diameter and 10% silt, sand is medium to very coarse-grained, medium dense to very dense, dark yellowish brown.

BORING LOG

Project No. KEI-P92-0801.P3	**Boring Diameter** 8.5" **Casing Diameter** 2"	**Logged By** JGG T.S. CEG 1633
Project Name Unocal S/S #6390 402 South Delaware Street, San Mateo	**Well Cover Elevation** N/A	**Date Drilled** 3/23/95
Boring No. MW5	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
			SW-SM	Well graded sand with silt and gravel.
			SP	Poorly graded sand, fine to medium grained, medium dense, saturated, olive brown.
9/14/15		25	GP	Poorly graded gravel with sand, trace silt, estimated at 20-25% coarse to very coarse-grained sand, gravel to 1/2 inch in diameter, medium dense, saturated, dark yellowish brown.
17/36			SM	Silty sand with gravel, estimated at 30% gravel to 1-3/4 inches in diameter, and 15-20% silt, sand is medium to very coarse-grained, very dense, saturated dark yellowish brown.,
				TOTAL DEPTH: 27'
		30		
		35		
		40		

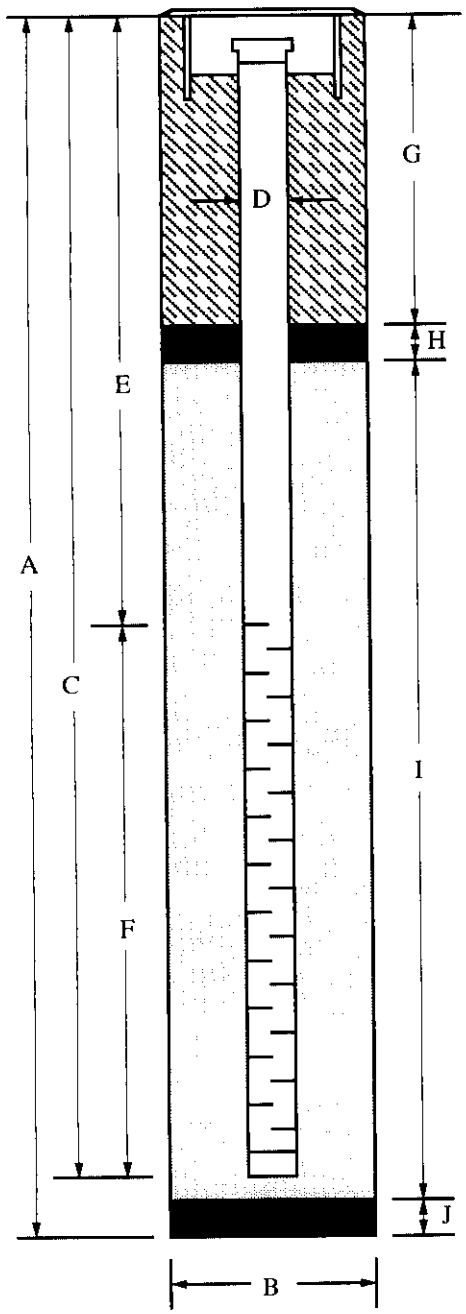
WELL CONSTRUCTION DIAGRAM

PROJECT NAME: Unocal S/S #6390, 402 South Delaware St., San Mateo **WELL NO.:** MW5

PROJECT NUMBER: KEI-P92-0801.P3

WELL PERMIT NO.: San Mateo County DHS/EHD #LMW-43-95

Flush-mounted Well Cover



A. Total Depth : 27'

B. Boring Diameter: 8.5"

Drilling Method: Hollow Stem Auger

C. Casing Length: 27'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375"

ID = 2.067"

E. Depth to Perforations: 7'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 3'

Seal Material: Neat Cement

H. Seal: 2'

Seal Material: Bentonite

I. Filter Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/12

J. Bottom Seal: None

Seal Material: N/A

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**MW-6** PAGE 1 OF 1	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 1/3/07	COMPLETED: 1/3/07	NORTHING (ft): 2,033,661	EASTING (ft): 6,034,502
INSTALLATION: STARTED 1/3/07	COMPLETED: 1/3/07	LATITUDE: 37° 33' 57.41"	LONGITUDE: -122° 19' 8.26"
DRILLING COMPANY:	Gregg Drilling and Testing, Inc.	GROUND ELEV (ft): 19.48	TOC ELEV (ft): 19.07
DRILLING EQUIPMENT:	Limited Access Rig	INITIAL DTW (ft): 15.9 1/3/07	BOREHOLE DEPTH (ft): 20.0
DRILLING METHOD:	Hollow Stem Auger	STATIC DTW (ft): 14.24 1/4/07	WELL DEPTH (ft):19.0
SAMPLING EQUIPMENT:	Pnematic Sampling Equipment	WELL CASING DIAMETER (in): 2	BOREHOLE DIAMETER (in): 8
		LOGGED BY: MJB	CHECKED BY: DMB

Time & Depth (feet)	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)
		1 foot concrete					
					0.5	Air Knife to 5' bgs.	
5	ML	**GRAVELLY SILT**; ML; 7.5YR 4/4 brown; medium plasticity; dry; (25,10,65,0)		1000 MW-6@ 5.5-6'	1.5		0
10		Same			1.5		
	ML	**SILT**; ML; 10.5Y 4/3 brown; medium plasticity; soft; moist; moderate HC odor; (0,5,95,0)		1015 MW-6@ 12-12.5'			88
15	SM	**SILTY SAND**; SM; 10YR 4/3 brown; wet; moderate HC odor; poorly graded; (0,80,20,0)		1030 MW-6@ 15.5-16'	1.5		562
	GM	**SILTY GRAVEL**; GM; 10YR 4/3 brown; wet; moderate HC odor; hydrocarbon staining; poorly graded; (70,10,20,0)		1040 MW-6@ 17.5-18'	1.5		400
	SP-SM	**POORLY GRADED SAND WITH SILT AND** GRAVEL; SP-SM; 10YR 5/4 yellowish brown; loose; saturated; moderate HC odor; (20,70,10,0)		1042 MW-6@ 18-18.5'	1.5		683 689
	MH	**ELASTIC SILT**; MH; 10 YR 4/4 dark yellowish brown; high plasticity; soft; moderate HC odor; damp; (0,0,100,0)		1045 MW-6@ 18.5-19'	0.5		328
20		Hole terminated at 20 feet.		1047 MW-6@ 19.5-20'			

Depth (feet)	Well Construction
5	Neat Cement Grout
	2" Diameter PVC Casing
10	Bentonite Seal
	#3 Monterey Sand Filter Pack
15	0.020" Slotted Screen PVC Casing
	Threaded End Cap
20	#3 Monterey Sand Bottom Filter Pack
	Bentonite Bottom Seal

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT:	Offsite Assessment	WELL / PROBEHOLE / BOREHOLE NO:	
LOCATION:	402 South Delaware Street, San Mateo, CA	**MW-7** PAGE 1 OF 2	SECOR
PROJECT NUMBER:	77CP.01574.05.1222		
DRILLING: STARTED 1/2/07	COMPLETED: 1/2/07	NORTHING (ft): 2,033,589	EASTING (ft): 6,034,442
INSTALLATION: STARTED 1/2/07	COMPLETED: 1/2/07	LATITUDE: 37° 33' 56.68"	LONGITUDE: -122° 19' 8.98"
DRILLING COMPANY:	Gregg Drilling and Testing, Inc.	GROUND ELEV (ft): 22.17	TOC ELEV (ft): 21.74
DRILLING EQUIPMENT:	Limited Access Rig	INITIAL DTW (ft): 22 1/2/07	BOREHOLE DEPTH (ft): 26.5
DRILLING METHOD:	Hollow Stem Auger	STATIC DTW (ft): 18.25 1/2/07	WELL DEPTH (ft): 25.0
SAMPLING EQUIPMENT:	California Modified Split Spoon	WELL CASING DIAMETER (in): 2	BOREHOLE DIAMETER (in): 8
		LOGGED BY: MJB	CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			8" Asphalt							
		ML	**SILT**; ML; medium plasticity; damp; (0,5,95,0)				Air Knife to 5' bgs.			
5		ML	**SILT**; ML; yellowish brown; very stiff; damp; low to medium plasticity; (10,10,80,0)		1225 MW-7@ 5.5-6'	1.5	9 11 15	0	5	2" Diameter PVC Casing
10		ML	**SANDY SILT**; ML; yellowish brown; hard; damp; low to medium plasticity; organics present; (10,20,70,0)		1235 MW-7@ 10.5-11'	1.5	14 15 19	0	10	Neat Cement Grout
15		SM	**SILTY SAND**; SM; yellowish brown; medium dense; moist; (5,60,35,0)		1245 MW-7@ 15.5-16'	1.5	3 12 13	0	15	
		ML	**SANDY SILT**; ML; yellowish brown; low plasticity; very stiff; moist; (5,40,55,0)		1300 MW-7@ 17.5-18'	1.5	14 3 5	0		
		SM	**SILTY SAND**; SM; like 16 feet; (5,60,35,0)				12			
		ML	**SILT**; ML; yellowish brown; medium plasticity; very stiff; moist; iron oxide staining; 0,5,95,0)			1.5	15 18			
20		ML	**SANDY SILT**; ML; yellowish brown; low plasticity; hard; moist; iron oxide staining; well graded; (5,25,70,0)		1310 MW-7@ 21-21.5'	1.5 1	18 6 12 18 20	0	20	Bentonite Seal #3 Monterey Sand Filter Pack
		SM	**SILTY SAND WITH GRAVEL**; SM; yellowish brown; medium dense; saturated; upper content in shoe; (20,50,30,0)							0.020" Slotted PVC Casing Threaded End

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-7** PAGE 2 OF 2

SECOR

DRILLING: STARTED 1/2/07 COMPLETED: 1/2/07
INSTALLATION: STARTED 1/2/07 COMPLETED: 1/2/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: California Modified Split Spoon

NORTHING (ft): 2,033,589 EASTING (ft): 6,034,442
LATITUDE: 37° 33' 56.68" LONGITUDE: -122° 19' 8.98"
GROUND ELEV (ft): 22.17 TOC ELEV (ft): 21.74
INITIAL DTW (ft): 22 1/2/07 BOREHOLE DEPTH (ft): 26.5
STATIC DTW (ft): 18.25 1/2/07 WELL DEPTH (ft): 25.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		ML	**SILT**; ML; yellowish brown; medium plasticity; hard; iron oxide staining; damp; (0,5,95,0)		1345 MW-7@ 26-26.5'	1.5	3 12 20	0		Cap #3 Monterey Sand Bottom Filter Pack Bentonite Bottom Seal
			Hole terminated at 26.5 feet.							
30									30	
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-8** PAGE 1 OF 2

SECOR

DRILLING: STARTED 1/4/07 COMPLETED: 1/4/07
INSTALLATION: STARTED 1/4/07 COMPLETED: 1/4/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,782 EASTING (ft): 6,034,496
LATITUDE: 37° 33' 58.6" LONGITUDE: -122° 19' 8.36"
GROUND ELEV (ft): 18.81 TOC ELEV (ft): 18.42
INITIAL DTW (ft): 18 1/4/07 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 13 1/4/07 WELL DEPTH (ft): 30.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot concrete							
		ML	**SILT WITH SAND**; ML; 5YR 4/4 reddish brown; medium plasticity; damp; (0,15,85,0)				Air Knife to 5' bgs.			
5			Same		1149 MW-8@ 5.5-6'	1.5		0	5	2" Diameter PVC Casing
										Neat Cement Grout
10		ML	**SANDY SILT WITH GRAVEL**; ML; 10YR 4/6 dark yellowish brown; medium plasticity; damp; (15,20,65,0)		1154 MW-8@ 10.5-11'	1.5		0	10	
					1157 MW-8@ 12-12.5'	1.5		0		
		MH	**ELASTIC SILT**; MH; 10YR 4/3 brown; soft; medium to high plasticity; damp; (0,0,100,0)		1159 MW-8@ 12.5-13'	1.5		0		
15		CH	**FAT CLAY**; CH; 10YR 4/4 dark yellowish brown; high plasticity; hard; damp; (0,0,5,95)			1.5			15	Bentonite Seal
		GM	**SILTY GRAVEL**; GM; 10YR 4/3 brown; wet; well graded; low plastic silt; (60,10,30,0)		1209 MW-8@ 17-17.5'	1.5		0		#3 Monterey Sand Filter Pack
20			Saturated; same			1.5			20	
						1.5				
						1.5				
		SM	**SILTY SAND**; SM; 10YR 3/6 dark yellowish brown; soft; saturated; poorly graded; (0,80,20,0)			1.5				0.020" Slotted PVC Casing

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-8** PAGE 2 OF 2

SECOR

DRILLING: STARTED 1/4/07 COMPLETED: 1/4/07
INSTALLATION: STARTED 1/4/07 COMPLETED: 1/4/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,782 EASTING (ft): 6,034,496
LATITUDE: 37° 33' 58.6" LONGITUDE: -122° 19' 8.36"
GROUND ELEV (ft): 18.81 TOC ELEV (ft): 18.42
INITIAL DTW (ft): 18 1/4/07 BOREHOLE DEPTH (ft): 30.0
STATIC DTW (ft): 13 1/4/07 WELL DEPTH (ft): 30.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
						1.5				
						1.5				
						1.5				
30			Hole terminated at 30 feet.						30	Threaded End Cap
35									35	
40									40	
45									45	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **MW-9** PAGE 1 OF 1

SECOR

DRILLING: STARTED 1/3/07 COMPLETED: 1/3/07
INSTALLATION: STARTED 1/3/07 COMPLETED: 1/3/07
DRILLING COMPANY: Gregg Drilling and Testing, Inc.
DRILLING EQUIPMENT: Limited Access Rig
DRILLING METHOD: Hollow Stem Auger
SAMPLING EQUIPMENT: Pnematic Sampling Equipment

NORTHING (ft): 2,033,726 EASTING (ft): 6,034,427
LATITUDE: 37° 33' 58.03" LONGITUDE: -122° 19' 9.19"
GROUND ELEV (ft): 19.71 TOC ELEV (ft): 19.42
INITIAL DTW (ft): 14.7 1/3/07 BOREHOLE DEPTH (ft): 17.0
STATIC DTW (ft): 14.32 1/4/07 WELL DEPTH (ft): 15.0
WELL CASING DIAMETER (in): 2 BOREHOLE DIAMETER (in): 8
LOGGED BY: MJB CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			1 foot Asphalt and Base Rock							
		ML	**SILT WITH SAND**; ML; 5YR 4/4 reddish brown; medium plasticity; damp; (0,15,85,0)				Air Knife to 5' bgs.			
5		ML	**GRAVELLY SILT**; ML; 7.5YR 4/4 brown; low plasticity; dry; (25,10,65,0)		0910 MW-9@ 5.5-6'	1.5		0	5	Neat Cement Grout; 2" Diameter PVC Casing
10		ML	**SANDY SILT**; ML; 7.5YR 4/4 brown; low plasticity; damp; (10,20,70,0)		0915 MW-9@ 10.5-11'	1.5		0	10	Bentonite Seal; #3 Monterey Sand Filter Pack
		GM	**SILTY GRAVEL WITH SAND**; GM; 10YR 4/6 dark yellowish brown; medium dense; poorly graded; (60,20,20,0)							0.020" Slotted PVC Casing
15			Saturated						15	Threaded End Cap
		MH	**ELASTIC SILT**; MH; 10YR 4/4 dark yellowish brown; hard; medium to high plasticity; damp; (0,0,100,0)		0920 MW-9@ 15.5-16'	1.5		0		#3 Monterey Sand Bottom Filter Pack
					0922 MW-9@ 16-16.5'	0.5		0		Bentonite Bottom Seal
			Hole terminated at 17 feet.							
20									20	

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-10** PAGE 1 OF 1

Stantec

DRILLING: STARTED **8/5/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **8/5/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

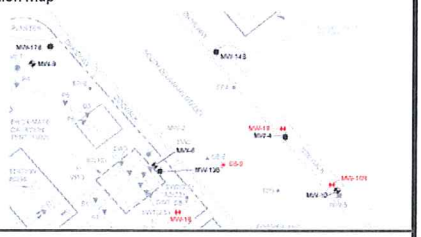
NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **NE** BOREHOLE DEPTH (ft): **17.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **13.5**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							Traffic Rated Well Box
		ML	**SILT WITH SAND** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (0,15,85,0)							Neat Cement Grout
		ML	**SANDY SILT** ; ML; 10YR 5/6 yellowish brown; non plastic; hard; dry; no odor; (10,30,60,0)				Airknife / Hand Auger To 6.5 Feet bgs			PVC Casing
										Bentonite Chips
5									5	
		ML	**GRAVELLY SILT WITH SAND** ; ML; 10YR 4/4 dark yellowish brown; non plastic; hard; dry; no odor; (30,15,55,0)							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/6 dark yellowish brown; dense; dry; no odor; subangular; fine sand, fine gravel, (15,65,20,0)			9.5		0.0		
		GM	**SILTY GRAVEL WITH SAND** ; GM; 10YR 4/6 dark yellowish brown; fine-grained; dense; dry; no odor; (60,20,20,0)		0812 MW-10, 9'			0.0		No. 3 Sand Filter Pack 0.02 Slotted Screen
10			No Recovery						10	
		GM	**SILTY GRAVEL** ; GM; 10YR 4/6 dark yellowish brown; loose; moist; no odor; subrounded; coarse gravel, (75,5,20,0)					0.0		
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/6 dark yellowish brown; medium dense; moist; subangular; medium grained sand,		0825 MW-10, 13'			0.0		Threaded End Cap
		ML?	ML; No Recovery Slight HC odor; Rock in auger preventing sample collection Drill cuttings and soil on augers indicate silt was encountered					3.5		Bentonite Chips
15									15	
			Hole terminated at 17.5 feet.							
20									20	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

Project No:	I40256390	Client:	Antea Group	Boring No: MW-10R	
Logged By:	Matt Corley/David Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1	
Driller:	Woodward	Date Drilled:	4/12/2012		
Drilling Method:	8" Hollow Stem Auger	Hole Diameter:	8"		
Sampling Method:	Direct Push	Hole Depth:	21'		
Casing Type:	2" SCH 40 PVC	Well Diameter:	2"		
Slot Size:	0.020	Well Depth:	21'		
Sand Pack:	#3 Sand				
First Water Depth: NA		Static Water Depth: NA			
Elevation:		Northing:		Easting:	

Location Map



Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement / Bentonite / 2" SCH 40 PVC / #3 Sand				Air Knife to 5.0'	1–5				Cleared borehole with air-knife to 5 feet bgs; 6" concrete
		dry			7			CL	Sandy lean CLAY (CL) - tan; 55% clayey fines, 40% fine to coarse sand, 5% small gravel
		dry			9			SC	Clayey SAND (SC) - brown; 65% fine to coarse sand, 30% clayey fines, 5% small gravel; subrounded to subangular coarse sand and gravel
		dry			13			SC	Clayey SAND (SC) - light brown to tan; 60% fine to coarse sand, 30% clayey fines, 10% small gravel, trace large gravel; subrounded to subangular coarse sand and gravel
		moist			14				Poorly graded GRAVEL (GP) - purplish grey; 1" lens; small and large gravel
		moist	0		15			SC / CL	Lean CLAY (CL) - brown; 90% clayey fines, 10% fine sand; sand nodules; low plasticity
		moist	0.2		18			ML	Sandy SILT (ML) - light brown; 60% silty fines, 40% fine sand; medium plasticity
		moist	12.9		20	3" rec.		ML	SILT with sand (ML) - light brown; 80% silty fines, 20% fine sand
					21			ML	Sandy SILT (ML) - olive green; 60% silty fines, 40% fine sand; low plasticity

PROFESSIONAL GEOLOGIST — DOUGLAS K. UMLAND — No. 8187 — STATE OF CALIFORNIA

12/31/2013

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-11** PAGE 1 OF 1

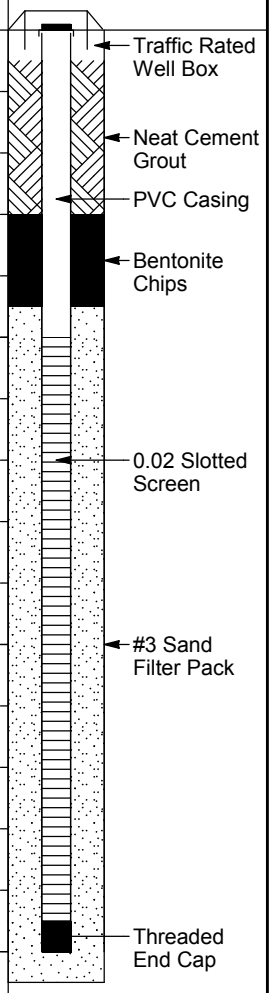
Stantec

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **NE**
BOREHOLE DEPTH (ft): **15.5**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **15**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez**
CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Asphalt/Concrete						
		ML	**SANDY SILT** ; ML; 10YR 3/6 dark yellowish brown; low plasticity; soft; dry; no odor; no staining; (0,45,55,0)				Air Knife To 5 Feet bgs		
5		SM	**SILTY SAND** ; SM; 10YR 3/6 dark yellowish brown; medium dense; dry; no odor; (10,55,35,0)						5
			No Recovery						
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/3 dark brown; medium dense; moist; no odor; (20,65,15,0)		- -			0.0	
10			No Recovery		1108 MW-11, 9.5'			0.0	10
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/3 brown; medium dense; moist; no odor; (20,60,20,0)		1122 MW-11, 12' - -			0.0 0.0	
			No Recovery						
15		ML	**SILT** ; ML; 10YR 4/4 dark yellowish brown; low plasticity; hard; moist; no odor; (0,10,90,0)		1133 MW-11, 15'			0.0	15
			Hole terminated at 15.5 feet.						
20									20

Well Construction



GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/8/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **16.25** **8/8/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **17.14** **8/8/08** WELL DEPTH (ft): **29.5**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Asphalt							Traffic Rated Well Box
		ML	**SANDY SILT** ; ML; 10YR 3/4 dark yellowish brown; low plasticity; hard; dry; no odor; no staining; (0,35,65,0)							
			10YR 4/4 dark yellowish brown; soft; fine grained sand and gravel, (15,30,55,0)				Airknife To 5 Feet bgs			
5								0.0	5	
								0.0		Steel Conductor Casing Set To 18.85' bgs
		SM	**SILTY SAND** ; SM; 10YR 5/3 brown; fine-grained; loose; dry; no odor; poorly graded sand; (5,60,35,0)					0.0		
			No Recovery							
10		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/4 dark yellowish brown; medium dense; moist; no odor; well graded; sub rounded to sub angular, (20,60,20,0)					0.0	10	PVC Casing
								0.0		
					1435 MW-12B, 12'			0.0		Neat Cement Grout
			No Recovery							
15		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/6 dark yellowish brown; medium dense; moist; no odor; well graded; (20,55,25,0)					0.0	15	
			Wet; no odor		1443 MW-12B, 16'			0.0		
			No Recovery							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/2 dark grayish brown; loose; wet; moderate HC odor; well graded; (25,55,20,0)					284		Bentonite Chips
		ML			1508 MW-12B, 18.5'			724		
		SM	**SANDY SILT** ; ML; 10YR 5/4 yellowish brown; low plasticity; soft; moist; moderate HC odor; (5,35,60,0)		1522 MW-12B, 19'			1250 295		
20			**SILTY SAND WITH GRAVEL** ; SM; very loose; wet; strong HC odor; well graded; (20,60,15,0)						20	
			Moderate HC odor					359 71.6		
			No Recovery		1635 MW-12B, 21.5'					#3 Sand Filter Pack
		SM	**SILTY SAND** ; SM; 2.5YR 4/5 light olive brown; non plastic; loose; wet; moderate HC odor; poorly graded		1513 MW-12B, 23'			23		
			(0,70,30,0)					32		0.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/10/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12B** PAGE 2 OF 2

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **16.25** **8/8/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **17.14** **8/8/08** WELL DEPTH (ft): **29.5**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			No Recovery							#3 Sand Filter Pack
		GM	**SILTY GRAVEL** ; GM; 5Y 4/2 olive gray; loose; wet; moderate HC odor; (70,10,30,0)		1535 MW-12B, 27'			15.8		
			10YR 5/6 yellowish brown; no odor; (75,5,25,0)					0.4		0.02 Slotted Screen
								0.2		Threaded End Cap
								0.8		Bentonite
30			Hole terminated at 30 feet.						30	
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/10/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-13B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **8/1/08** COMPLETED: **8/6/08**
INSTALLATION: STARTED **8/1/08** COMPLETED: **8/6/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.00** **8/6/08** BOREHOLE DEPTH (ft): **31.0**
STATIC DTW (ft): **18.09** **8/6/08** WELL DEPTH (ft): **31.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							
		ML	**GRAVELLY SILT** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (25,10,65,0)				Airknife to 5' bgs			
		ML	**SANDY SILT** ; ML; (5,40,55,0)							
5			No Recovery						5	Steel Conductor Casing Set To 20.5' bgs
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; loose; dry; subangular; well graded; fine to coarse sand, fine gravel, no odor, (10,70,20,0)					0.0		
10		SM	SM; 10YR 4/6 dark yellowish brown; medium-grained; medium dense; no odor; subrounded; poorly graded; (0,80,20,0)					0.0	10	PVC Casing
		ML	**SILT** ; ML; 10YR 4/3 brown; medium plasticity; stiff; moist; no odor; (0,5,95,0)					0.0		
			5Y 4/3 olive; hard; moderate HC odor		0753 MW-13B,12			4.6		
			Strong HC odor					1030		
								2900		Neat Grout Cement
15								4000	15	
		ML	**SILT WITH SAND** ; ML; 10YR 3/4 dark yellowish brown; low plasticity; soft; moist; strong HC odor; (0,20,80,0)					4000		
		SM	**SILTY SAND** ; SM; 10YR 5/4 yellowish brown; dense; moist; strong HC odor; poorly graded; (0,80,20,0)		0810 MW-13B,15			2090		
		SM						3890		
		GM	No Recovery							
		SP-SM	**SILTY SAND** ; SM; 10YR 5/4 yellowish brown; dense; moist; strong HC odor; poorly graded; (0,70,30,0)		0811 MW-13B,17.5			2950		
		SP-SM	**SILTY GRAVEL WITH SAND** ; GM; 5Y 4/4 olive; loose; moist; strong HC odor; poorly graded; black staining at 17.5, (65,15,20,0)		0849 MW-13B,19			2880		
		GM						1680		
20		MH						1590	20	Bentonite Chips
		ML	**POORLY GRADED SAND WITH SILT AND GRAVEL**; SP-SM; 2.5Y 1/4 olive; brown; loose; wet; strong HC odor; (20,70,10,0)		0925 MW-13B,20.5			18.4		
			No Recovery							
			POORLY GRADED SAND WITH SILT AND GRAVEL; SP-SM 2.5Y 1/4 olive brown; loose; wet; strong HC odor; (20,70,10,0)							#3 Sand filter Pack
			SILTY GRAVEL WITH SAND ; GM; 5Y 4/4 olive; loose; wet; strong HC odor; black staining, (65,15,20,0)							
		SM								
		GM	**ELASTIC SILT** ; MH; 5Y 4/4 olive; high plasticity; soft; moist; strong HC odor;		0813			124		0.02 Slotted Screen

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-13B** PAGE 2 OF 2

DRILLING: STARTED **8/1/08** COMPLETED: **8/6/08**
INSTALLATION: STARTED **8/1/08** COMPLETED: **8/6/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.00** **8/6/08** BOREHOLE DEPTH (ft): **31.0**
STATIC DTW (ft): **18.09** **8/6/08** WELL DEPTH (ft): **31.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		GM	(0,0,100,0)		MW-13B,24.5					
			SILT ; ML; 5Y 4/2 olive gray; low plasticity; soft; moist; strong HC odor; (0,10,90,0)					94.6		
			No Recovery							
		SP-SM	**SILTY SAND** ; SM; 10YR 5/6 yellowish brown; fine-grained; medium dense; wet; moderate HC odor; (5,75,20,0)		0838 MW-13B,27.5			289		0.02 Slotted Screen
		SM	**SILTY GRAVEL WITH SAND** ; GM; 10YR 5/6 yellowish brown; loose; wet; moderate HC odor; (60,20,20,0)					61		#3 Sand filter Pack
		GM	**SILTY GRAVEL** ; fine to medium grained, (75,5,20,0)							
30			**SAND WITH SILT** ; SP-SM; 10YR 4/6 dark yellowish brown; fine-grained; medium dense; wet; strong HC odor; (0,90,10,0))		0910 MW-13B,30.5			14.4	30	Threaded End Cap
			SILTY SAND ; SM; 10YR 3/6 dark yellowish brown; medium dense; wet; slight HC odor; very fine grained, (0,65,35,0)							
			SILTY GRAVEL WITH SAND ; GM; 10YR 3/6 dark yellowish brown; loose; wet; slight HC odor; fine grained, (60,20,20,0)							
			Hole terminated at 31 feet.							
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-14B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **8/5/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/5/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.79** **8/7/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **18.83** **8/7/08** WELL DEPTH (ft): **29.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							
			Interpreted As Fill							
		ML	**SILT** ; ML; 10YR 5/6 yellowish brown; non plastic; very hard; dry; no odor; weak cementation; (5,10,75,10)				Airknife to 8' Feet bgs			
			SANDY SILT ; (5,35,60,0)							
5		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/6 dark yellowish brown; very dense; dry; no odor; weak cementation; (15,55,30,0)						5	
		SW	**WELL-GRADED SAND WITH GRAVEL** ; SW; 10YR 5/4 yellowish brown; medium dense; dry; no odor; (35,60,5,0)							
			(30,65,5,0)							
10			No Recovery						10	
		SM	**SILTY SAND** ; SM; 10YR 3/4 dark yellowish brown; medium dense; dry; no odor; (5,65,30,0)		1330 MW-14B, 12'			0.0		
			SILTY SAND WITH GRAVEL ; non plastic; (20,55,25,0)					0.0		
		ML	**SILT** ; ML; 10YR 5/8 yellowish brown; non plastic; hard; dry; no odor; (0,10,90,0)					0.0		
15			**SANDY SILT** ; 10YR 4/6 dark yellowish brown; low plasticity; soft; moist; no odor; (10,30,70,0)		1353 MW-14B, 15'			0.0	15	
		SM	**SILTY SAND** ; SM; 10YR 4/6 dark yellowish brown; fine-grained; medium dense; moist; no odor; (5,65,30,0)					0.0		
		ML	**GRAVELLY SILT** ; ML; 10YR 5/4 dark yellowish brown; non plastic; soft; moist; (25,5,70,0)					0.0		
		SP	**POORLY-GRADED SAND** ; SP; 10YR 4/6 dark yellowish brown; medium-grained; loose; wet; no odor; (0,95,5,0)		1408 MW-14B, 18'			0.0		
20			No Recovery						20	
		SM	**SILTY SAND** ; SM; 10YR 3/4 dark yellowish brown; fine-grained; loose; wet; no odor; (5,65,30,0)		1446 MW-14B, 21			0.0		
			No Recovery					0.0		
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; medium-grained; loose; wet; no odor; subrounded; poorly graded; (5,65,30,0)					0.0		
			No Recovery							

Neat Cement Grout
PVC Casing
Bentonite Chips
#3 Sand filter Pack
0.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-14B** PAGE 2 OF 2

DRILLING: STARTED **8/5/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/5/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.79** **8/7/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **18.83** **8/7/08** WELL DEPTH (ft): **29.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; medium-grained; loose; wet; no odor; subrounded; poorly graded; (5,65,30,0)		1508 MW-14B, 25			0.0		#3 Sand filter Pack
		GM	**SILTY GRAVEL** ; GM; 10YR 3/6 dark yellowish brown; fine-grained; loose; wet; no odor; (70,10,20,0)					0.0		
		GM	No Recovery					0.0		0.02 Slotted Screen
			SILTY GRAVEL WITH SAND ; GM; 10YR 4/6 dark yellowish black; fine to medium-grained; loose; wet; no odor; (65,15,20,0)					0.0		Threaded End Cap
			Hole terminated at 29 feet.		1526 MW-14B, 28.5					
30									30	
35									35	
40									40	
45									45	

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-15B** PAGE 1 OF 2

Stantec

DRILLING: STARTED **8/4/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/4/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **17.82** **8/6/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **17.92** **8/7/08** WELL DEPTH (ft): **27.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							12 Inch Well Box
		ML	**SILT** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (0,10,90,0)				Airknife To 5 Feet bgs			
		ML	**SANDY SILT** ; ML; 10YR 4/4 dark yellowish brown; non plastic; no odor; (10,55,35,0)							
5		SM	**SILTY SAND** ; SM; 10YR 4/6 dark yellowish brown; dense; dry; no odor; (10,55,35,0)						5	Neat Cement Grout
			No Recovery							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/4 dark yellowish brown; fine-grained; medium dense; dry; no odor; (15,60,25,0)					0.0		
								0.0		
10			No Recovery						10	PVC Casing
		SM	**SILTY SAND** ; SM; 10YR 4/3 brown; fine-grained; non plastic; medium dense; moist; no odor; (10,55,35,0)		1510 MW-15B, 13'			0.0		
		ML	**SILT** ; ML; 10YR 4/4 dark yellowish brown; low plasticity; firm; moist; no odor; (0,5,95,0)					0.0		
15			(0,10,90,0)		1518 MW-15B, 15'			0.0	15	Bentonite Chips
								0.0		
								0.0		
		SP-SM	**POORLY-GRADED SAND WITH SILT AND GRAVEL** ; SP-SM; 10YR 5/4 yellowish brown; medium-grained; loose; moist; no odor; (20,70,10,0)		1528 MW-15B, 17.5'			0.0		
		GM	Wet					0.0		
			SILTY GRAVEL ; GM; 10YR 3/4 dark yellowish brown; fine-grained; loose; wet; no odor; (60,10,30,0)					0.0		#3 Sand Filter Pack
20			Fine to medium grained gravel					0.0	20	
								0.0		
								0.0		
		SM	**SILTY SAND** ; SM; 10YR 4/6 dark yellowish brown; fine-grained; loose; wet; no odor; (0,70,30,0)					0.0		
			SILTY SAND WITH GRAVEL ; (15,65,20,0)							0.02 Slotted Screen
			No Recovery							
		GM	**SILTY GRAVEL** ; GM; 10YR 5/6 yellowish brown; fine-grained; loose; wet; no odor;					0.0		
								0.0		

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-15B** PAGE 2 OF 2

DRILLING: STARTED **8/4/08** COMPLETED: **8/7/08**
INSTALLATION: STARTED **8/4/08** COMPLETED: **8/7/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **17.82** **8/6/08** BOREHOLE DEPTH (ft): **29.0**
STATIC DTW (ft): **17.92** **8/7/08** WELL DEPTH (ft): **27.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		GM	(75,10,15,0)					0.0		0.02 Slotted Screen
								0.0		
								0.0		Threaded End Cap
		MH	**ELASTIC SILT** ; MH; 10YR 5/6 yellowish brown; high plasticity; hard; moist; no odor; (0,5,95,0)					0.0		#3 Sand Filter Pack
					0823 MW-15B, 28'			0.0		Bentonite Chips
								0.0		
			Hole terminated at 29 feet.							
30									30	
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

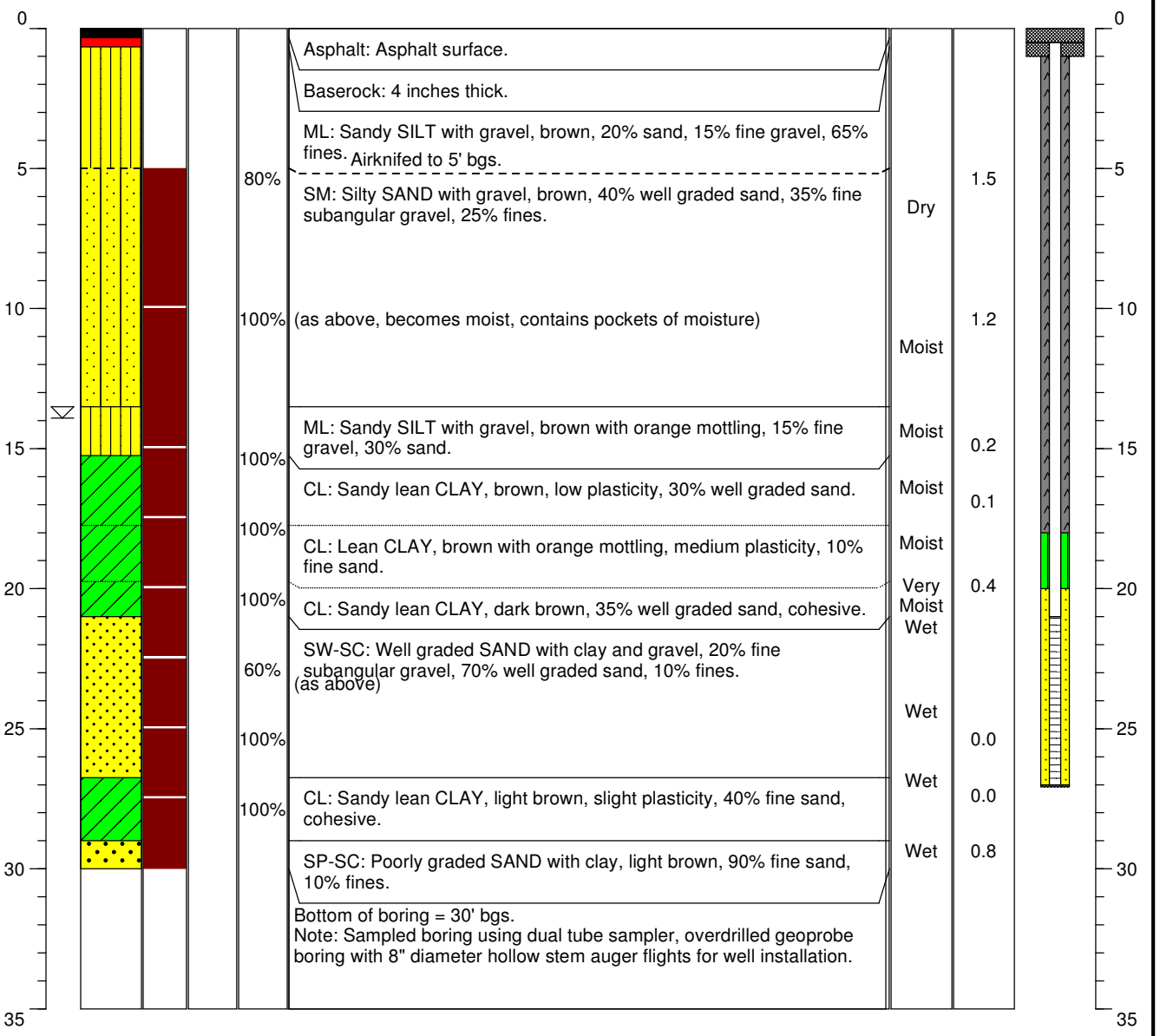
BORING LOG

Client Antea Group ELT

Project Number I40256390

Well No. MW-17B

Address: **402 South Delaware Street** **San Mateo, CA** Logged By: **Evan C.**	Drilling Date(s): **05/19/11** Drilling Company: **Cascade** Drilling Method: **HSA** Boring Depth (ft): **30' / 27'**	Boring diameter (in.): **2" / 8"** Sampling Method: **Dual Tube** Well Depth (ft.): **27'** Casing Diameter (in.): 2"	Casing Material: **Sch 40 PVC** Screen Interval (ft.): **21' - 27' bgs** Screen slot size: **0.020"** Sand Pack: **#3 SAND**



Project No:	I40256390	Client:	Antea Group	Boring No: MW-18
Logged By:	M. Corley and D. Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1
Driller:	Woodward Drilling	Date Drilled:	5/16/2012	
Drilling Method:	8" Hollow Stem Auger	Hole Diameter:	8"	
Sampling Method:	Direct Push	Hole Depth:	21'	
Casing Type:	2" SCH 40 PVC	Well Diameter:	2"	
Slot Size:	0.020	Well Depth:	21'	
Sand Pack:	#3 Sand			
First Water Depth: NA		Static Water Depth: 14.45'		
Elevation:		Northing:		Easting:

Location Map

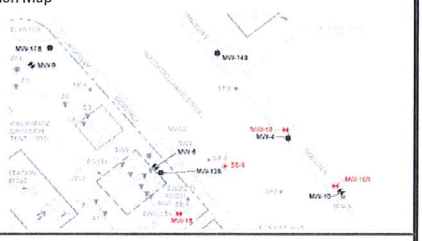


Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement / Bentonite / 2" SCH 40 PVC / #3 Sand	▽	dry		Air Knife to 5.0'	1			SM	Cleared borehole with air-knife to 5 feet bgs; 6" concrete
					2				Silty SAND (SM) - 60% very fine sand, 40% silty fines; non plastic fines
					3				
					4				
					5			SC	Clayey SAND with gravel (SC) - brown; 65% fine to coarse sand, 30% clayey fines, 5% fine gravel; subangular coarse sand and gravel
					6				3" lens at 6': As above with 40% fine to coarse sand, 30% gravel, 30% clayey fines; angular gravel with diameter less than 3 cm
		dry			7				
		dry			8				
			0.6		9				
					10				
		dry	0.7		11				Clayey SAND with gravel (SC) - brown; 75% fine to coarse sand, 25% clayey fines, trace gravel; loose to medium dense
					12				As above with 70% fine to coarse sand; 25% clayey fines, 5% gravel
					13			SC	
					14				As above with 70% fine to coarse sand, 25% clayey fines, 5% gravel; loose
	▽				15				
		dry	0.9		16				As above with dark brown color; 60% fine to coarse sand, 40% clayey fines, trace gravel; low plasticity fines
					17				As above
					18				
		moist						CL	Sandy CLAY (CL) - brown- olive; 70% clayey fines, 30% fine sand; low plasticity
		moist	10K+		19			SM	Silty SAND (SM) - brown; 60% fine sand; 40% silty fines, petroleum odor
					20				2" lens at 20.75': As above with brown- green color; increased coarse sand
			559		21				
					22				

PROFESSIONAL GEOLOGIST
DOUGLAS K. UMLAND
No. 6159
EXP. 9/3/2011
STATE OF CALIFORNIA

Project No:	I40256390	Client:	Antea Group	Boring No: MW-19
Logged By:	David Sisak	Location:	402 S Delaware Street, San Mateo, CA	Page 1 of 1
Driller:	Woodward	Date Drilled:	4/11/2012	
Drilling Method:	8" Hollow Stem Auger	Hole Diameter:	8"	
Sampling Method:	Direct Push	Hole Depth:	21'	
Casing Type:	2" SCH 40 PVC	Well Diameter:	2"	
Slot Size:	0.020	Well Depth:	21'	
Sand Pack:	#3 Sand			
▽ First Water Depth: 19.75'		▼ Static Water Depth: NA		
Elevation:		Northing:		Easting:

Location Map



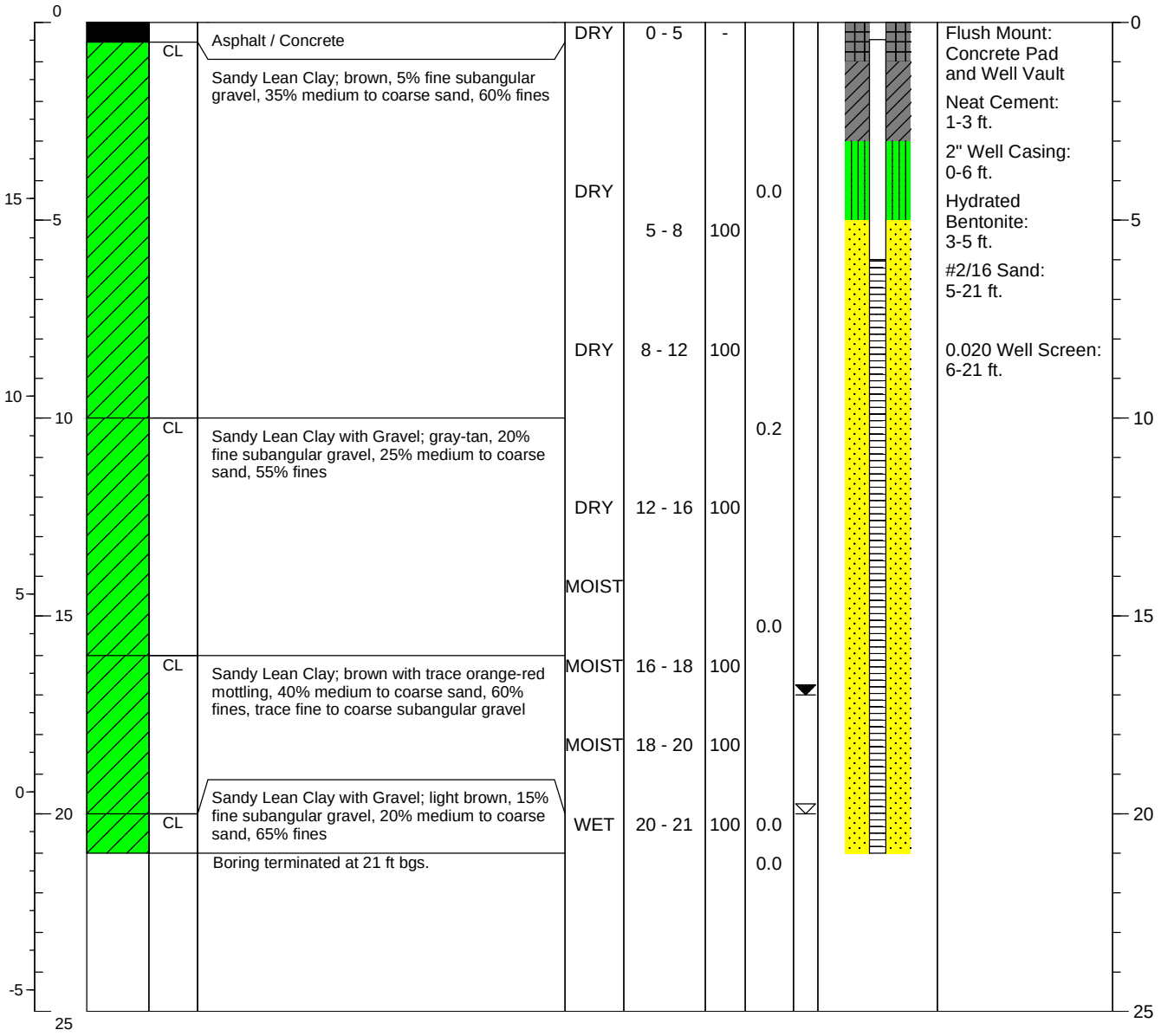
Well Completion	Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/foot)	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement / Bentonite / 2" SCH 40 PVC / #3 Sand				Air Knife to 5.0'	0–5				Cleared borehole with air-knife to 5 feet bgs; 6" concrete
		dry			5–10			CL	Sandy lean CLAY (CL) - LIGHT BROWN TO TAN; 75% clayey fines, 20% fine sand, 5% gravel; hard; low plasticity
		dry	0.3		9–10			CL	Sandy lean CLAY (CL) - brown; 85% clayey fines, 15% fine sand, trace gravel; tan fine sand clasts; very hard; low plasticity
					10–13			SC	Clayey SAND with gravel (SC) - light brown; 50% fine sand, 30% clayey fines, 20% small to large gravel
					12			SC	increasing gravel
			0.2		13–16			SC	Clayey SAND with gravel (SC) - light brown; 40% fine sand, 40% small to large gravel. 20% clayey fines
					16			SC	olive green to grey; low petroleum odor
		moist			17			GC	Clayey GRAVEL with sand (GC) - 60% gravel, 20% fine sand, 20% fines
			638		18			SW	Well graded SAND (SW) - fine to medium sand, trace gravel; high petroleum odor
			105		19–20			GC	Clayey GRAVEL with sand (GC) - light brown to tan; 40% gravel, 30% fine to coarse sand, 30% clayey fines; fine sand clasts
	▽	wet	28.5		20			GC	
					21–22				

PROFESSIONAL GEOLOGIST
DOUGLAS K. UMLAND
No. 8180
12/31/2013
STATE OF CALIFORNIA

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-20**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **19.45**	Top of Casing Elevation: **19.01**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **3/14/13**	Date Drilling Completed **3/14/13**

LITHOLOGY **SAMPLING DATA**



Air Knife 0-5 ft. No samples collected.

First Encountered Groundwater Static Groundwater

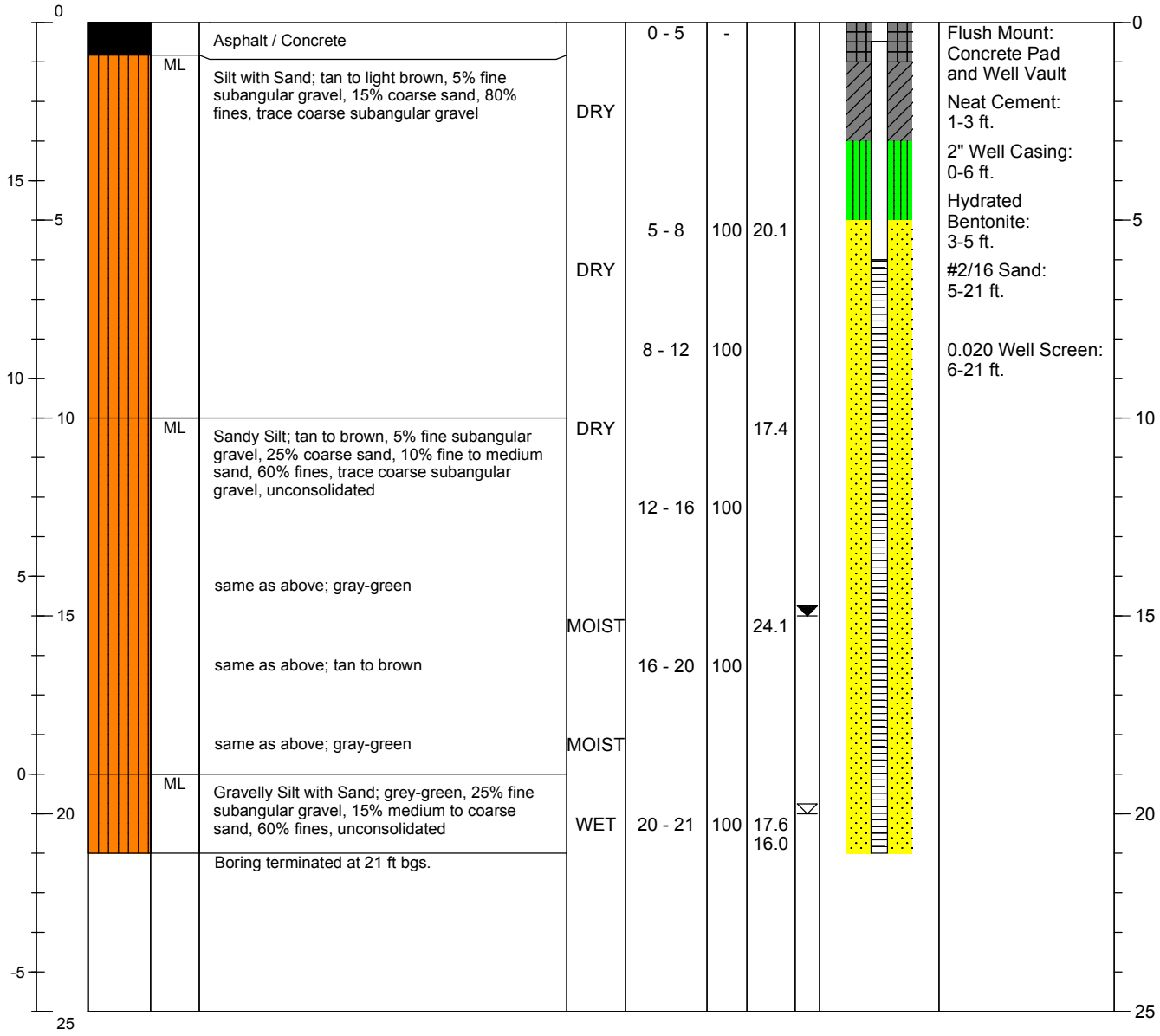
antea group

INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-21**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **19.00**	Top of Casing Elevation: **18.52**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By: **D. Sisak** Approved By: **D. Umland**	Sampling Method **Direct Push**	Well Depth: **21 ft.** Casing Type: **Schedule 40 PVC**	Well Screen Interval: **6 - 21 ft.** Slot Size: **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **3/14/13**	Date Drilling Completed **3/14/13**

LITHOLOGY **SAMPLING DATA**



Air Knife 0-5 ft. No samples collected.

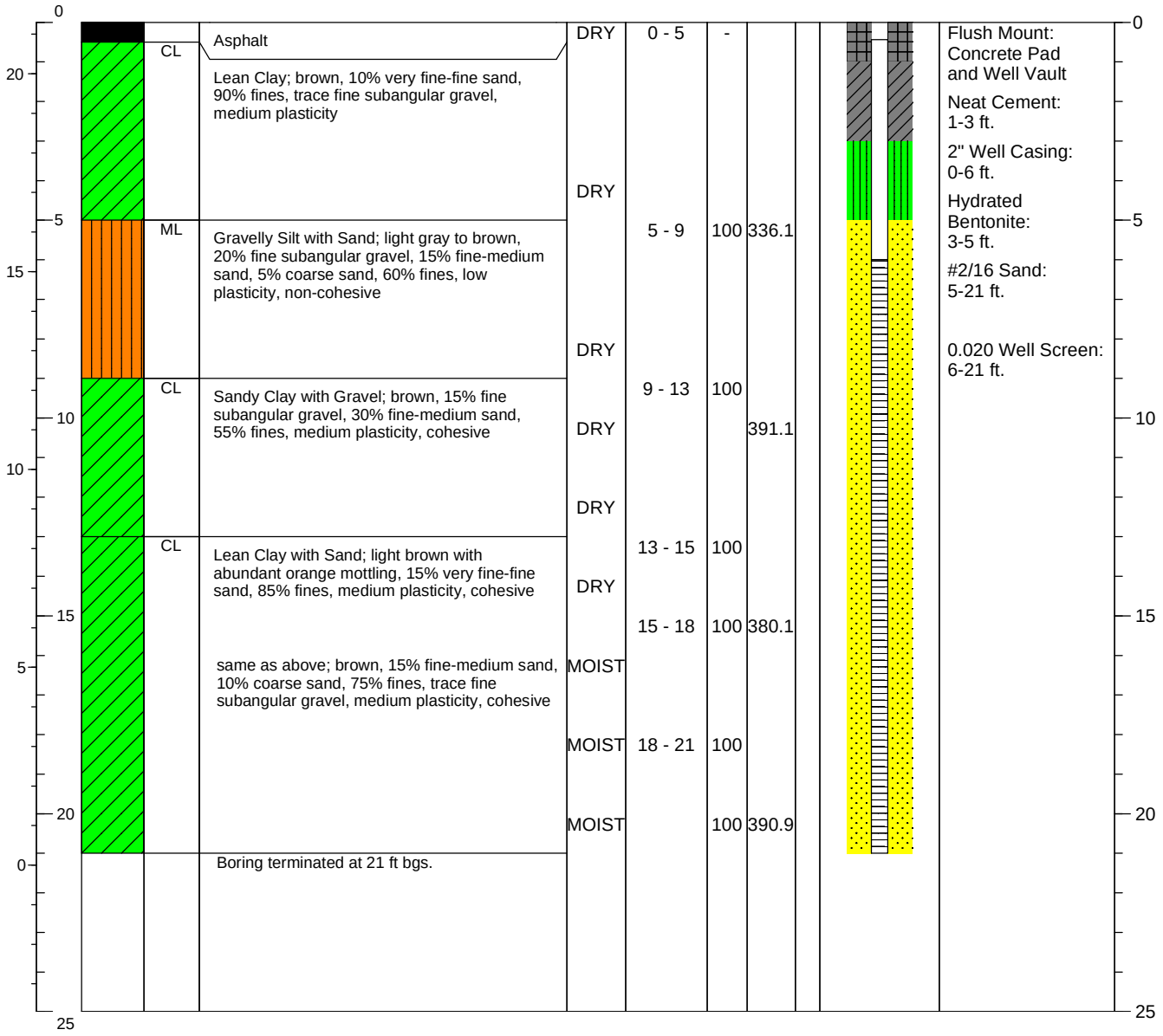
▽ First Encountered Groundwater ▼ Static Groundwater

antea group

INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-22**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **21.30**	Top of Casing Elevation: **20.86**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/26/13**	Date Drilling Completed **6/26/13**



Air Knife 0-5 ft. No samples collected.

First Encountered Groundwater Static Groundwater

antea group

INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		MW-23

Address 402 South Delaware Street San Mateo California	Drilling Contractor Gregg D&T Inc. Drilling Method Direct Push / Hollow Stem Auger	Ground Surface Elevation: 22.79 Boring Depth 31 ft.	Top of Casing Elevation: 22.33 Boring Diameter 8 in.
Logged By D. Sisak / Approved By D. Umland	Sampling Method Direct Push	Well Depth 31 ft. / Casing Type Schedule 40 PVC	Well Screen Interval 21 - 31 ft. / Slot Size 0.02 in.
Antea Group Project Number I40256390	Headspace Monitoring Device PID	Date Drilling Started 6/26/13	Date Drilling Completed 6/29/13

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Well Diagram	Well Details	Depth
	0			Asphalt							Flush Mount: Concrete Pad and Well Vault	0
20			ML	Plastic Debris Sandy Silt; brown, 10% fine subangaular gravel, 30% fine-medium sand, 60% fines, low plasticity							Neat Cement: 1-18 ft. 2" Well Casing: 0-21 ft.	
	5		GM	Silty Gravel with Sand; brown, 50% coarse subangular gravel, 15% fine subangular gravel, 10% very fine-medium sand, 25% fines, non-cohesive NOTE: Gravel appears to be non-native, rough crystalline fill (most likely debris fill) On 6/26/13, a hard surface was encountered that ended up being gravel at 7 ft bgs; stopped drilling and brought an A-VC rig out 6/29/13 to clear surface.	DRY	10-11.5	100	39.6				5
15												
	10											10
10												
	15		ML	Silt with Gravel; brown, 15% coarse subangular, non-native crystalline gravel, 5% fine subangular gravel, 80% fines, trace medium-coarse sand, low plasticity	DRY	15-16.5	100	296.6				15
5											Hydrated Bentonite: 18-20 ft.	
	20		ML	Silt; brown with abundant orange mottling, >95% fines, trace fine subangular gravel, trace fine-coarse sand, low plasticity, cohesive	MOIST	20-21.5	100	240.2			#2/16 Sand: 20-31 ft. 0.020 Well Screen: 21-31 ft.	20
0												
	25											25

Air Knife 0-5 ft. No samples collected.

First Encountered Groundwater Static Groundwater

antea group

INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-23**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **22.79**	Top of Casing Elevation: **22.33**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **31 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **31 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **21 - 31 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/26/13**	Date Drilling Completed **6/29/13**

LITHOLOGY **SAMPLING DATA**

Elevation	Depth	Graphic Log	USCS	Visual Description	Moisture Content	Sample Interval (ft)	Recovery (%)	Headspace (ppm)	Water Level	Well Diagram	Well Details	Depth
	25		ML	Silt; brown, 10% fine-medium sand, 90% fines, trace fine subangular gravel, low plasticity, cohesive	MOIST	25-26.5	100	306.4			#2/16 Sand: 20-31 ft. 0.020 Well Screen: 21-31 ft.	25
-5												
	30		SW-SC	Well Graded Sand with Clay and Gravel; brown, 20% fine subangular-subrounded gravel, 60% medium-coarse sand, 10% very fine-fine sand, 10% fines, cohesive	WET	29.5-31	100	181.5	▽			30
-10				Boring terminated at 31 ft bgs.								
	35											35
-15												
	40											40
-20												
	45											45
-25												
	50											50

Air Knife 0-5 ft. No samples collected.

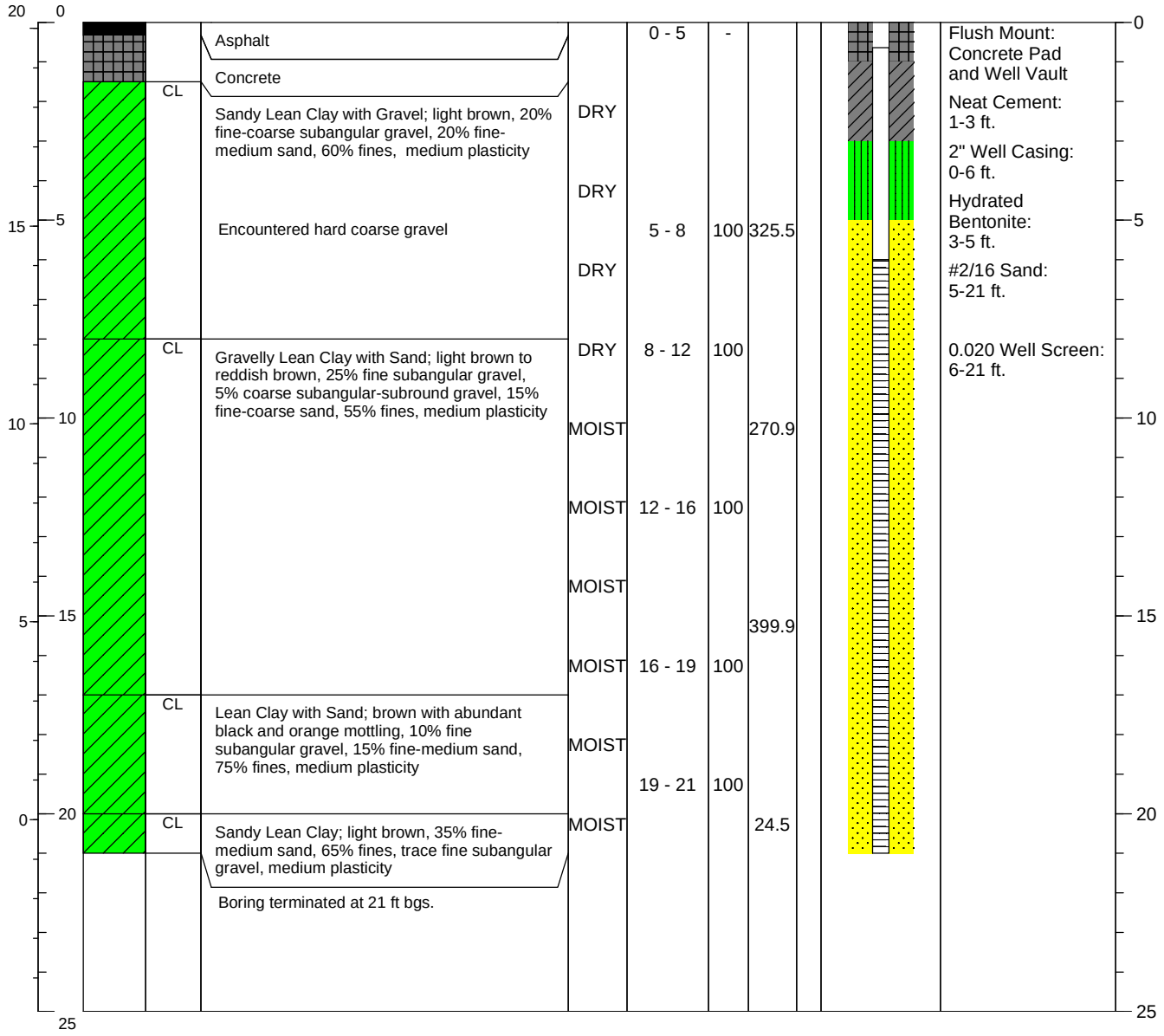
▽ First Encountered Groundwater ▼ Static Groundwater

antea group

INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-24**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg D&T Inc.**	Ground Surface Elevation: **20.15**	Top of Casing Elevation: **19.51**
	Drilling Method **Direct Push / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **D. Umland**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **Schedule 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **6/25/13**	Date Drilling Completed **6/25/13**



Air Knife 0-5 ft. No samples collected.

▽ First Encountered Groundwater ▼ Static Groundwater

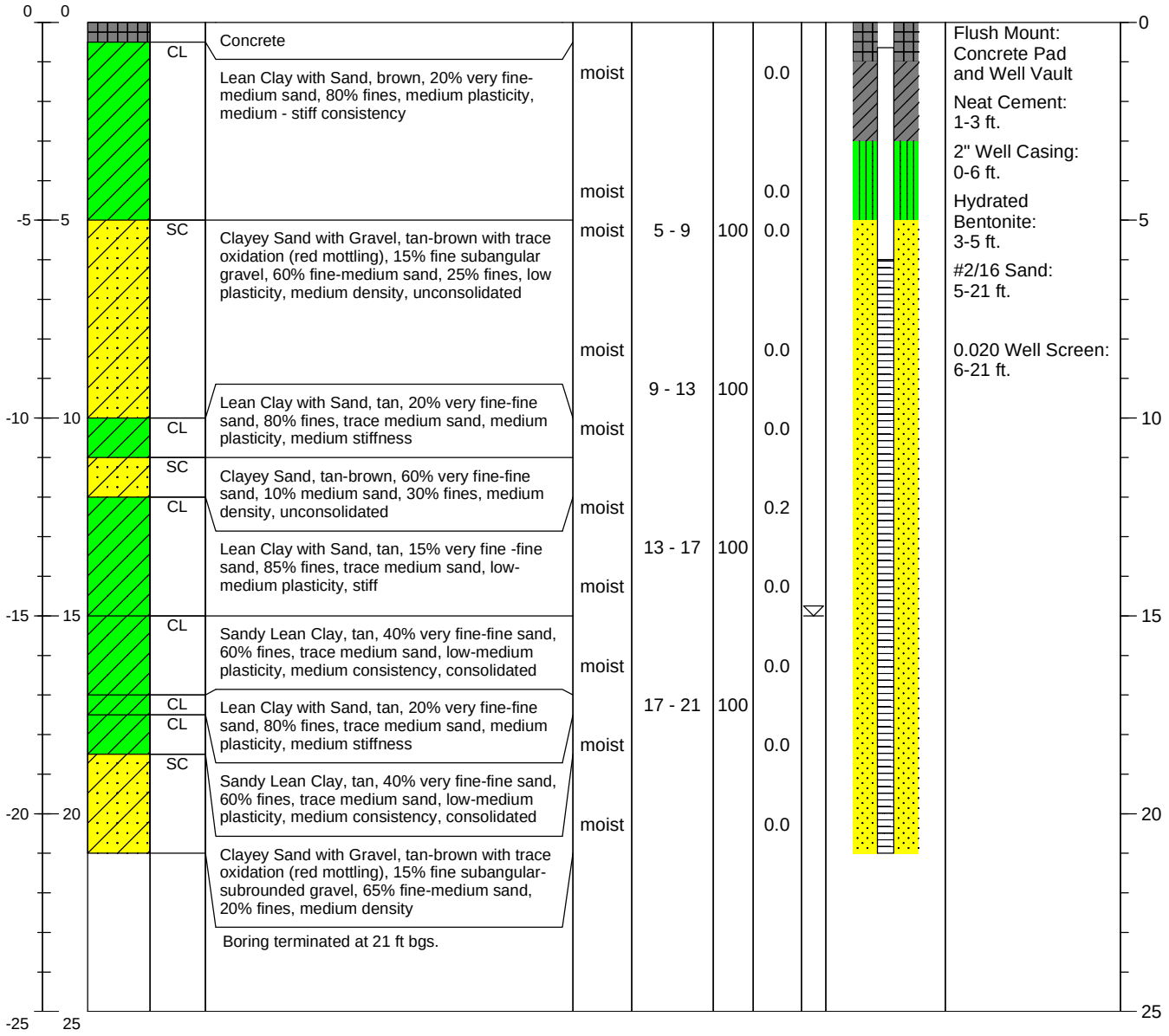
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INOGEN

Project Name	Monitoring Well Construction Log	Well Number
76 Service Station No. 6390		**MW-25**

Address **402 South Delaware Street** **San Mateo California**	Drilling Contractor **Gregg Drilling & Testing**	Ground Surface Elevation:	Top of Casing Elevation:
	Drilling Method **Air Knife / Hollow Stem Auger**	Boring Depth **21 ft.**	Boring Diameter **8 in.**
Logged By / Approved By **D. Sisak** / **N. Periat**	Sampling Method **Direct Push**	Well Depth / Casing Type **21 ft.** / **SCH 40 PVC**	Well Screen Interval / Slot Size **6 - 21 ft.** / **0.02 in.**
Antea Group Project Number **I40256390**	Headspace Monitoring Device **PID**	Date Drilling Started **1/16/15**	Date Drilling Completed **1/16/15**

LITHOLOGY **SAMPLING DATA**



Air Knife 0-5 ft.

First Encountered Groundwater Static Groundwater

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-1** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,605 EASTING (ft): 6,034,484
LATITUDE: 37° 33' 56.85" LONGITUDE: -122° 19' 8.46"
GROUND ELEV (ft): 21.35 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 6.0
STATIC DTW (ft): WELL DEPTH (ft): 5.5
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			8" Asphalt							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (35,25,40,0)							
		ML	**SANDY SILT**; ML; brown; non plastic; moist; (0,45,50,5)							
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; fine gravel; (5,50,45,0)						5	
			Hole terminated at 6 feet.							

Neat Cement Grout Backfill
Bentonite Seal
Soil Vapor Probe
#3 Monterey Sand Filter Pack

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-2** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,627 EASTING (ft): 6,034,499
LATITUDE: 37° 33' 57.07" LONGITUDE: -122° 19' 8.28"
GROUND ELEV (ft): 20.41 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 5.5
STATIC DTW (ft): WELL DEPTH (ft): 5.0
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			4 inches asphalt							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (35,30,35,0)							
		ML	**SANDY SILT**; ML; brown; low plasticity; moist; (5,35,50,10)							Neat Cement Grout Backfill
										Bentonite Seal
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; fine gravel; (10,45,45,0)						5	Soil Vapor Probe
										#3 Monterey Sand Filter Pack
			Hole terminated at 5.5 feet.							

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

PROJECT: Offsite Assessment
LOCATION: 402 South Delaware Street, San Mateo, CA
PROJECT NUMBER: 77CP.01574.05.1222

WELL / PROBEHOLE / BOREHOLE NO: **VP-3** PAGE 1 OF 1

SECOR

DRILLING: STARTED 12/27/06 COMPLETED: 12/27/06
INSTALLATION: STARTED 12/27/06 COMPLETED: 12/27/06
DRILLING COMPANY: Vironex
DRILLING EQUIPMENT: Hand Auger
DRILLING METHOD: Hand Auger
SAMPLING EQUIPMENT:

NORTHING (ft): 2,033,658 EASTING (ft): 6,034,459
LATITUDE: 37° 33' 57.36" LONGITUDE: -122° 19' 8.79"
GROUND ELEV (ft): 20.31 TOC ELEV (ft):
INITIAL DTW (ft): BOREHOLE DEPTH (ft): 6.0
STATIC DTW (ft): WELL DEPTH (ft): 5.5
WELL CASING DIAMETER (in): 0.25 BOREHOLE DIAMETER (in): 6
LOGGED BY: JSR CHECKED BY: DMB

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			3 inches concrete							
		GM	**SILTY GRAVEL WITH SAND**; GM; brown; moist; (30,25,40,5)							
		ML	**SANDY SILT**; ML; brown; moist; low to medium plasticity; (5,40,50,5)							
			(0,30,45,25)							
		CL	**LEAN CLAY**; CL; brown; moist; firm to hard; low to medium plasticity; (0,20,20,60)							
			(0,10,10,80)							
		ML	**SILT WITH SAND**; ML; brown; medium plasticity; moist; (0,20,60,20)							
5		SM	**SILTY SAND**; SM; brown; fine to coarse-grained; moist; (5,60,30,5)						5	
			Hole terminated at 6 feet.							

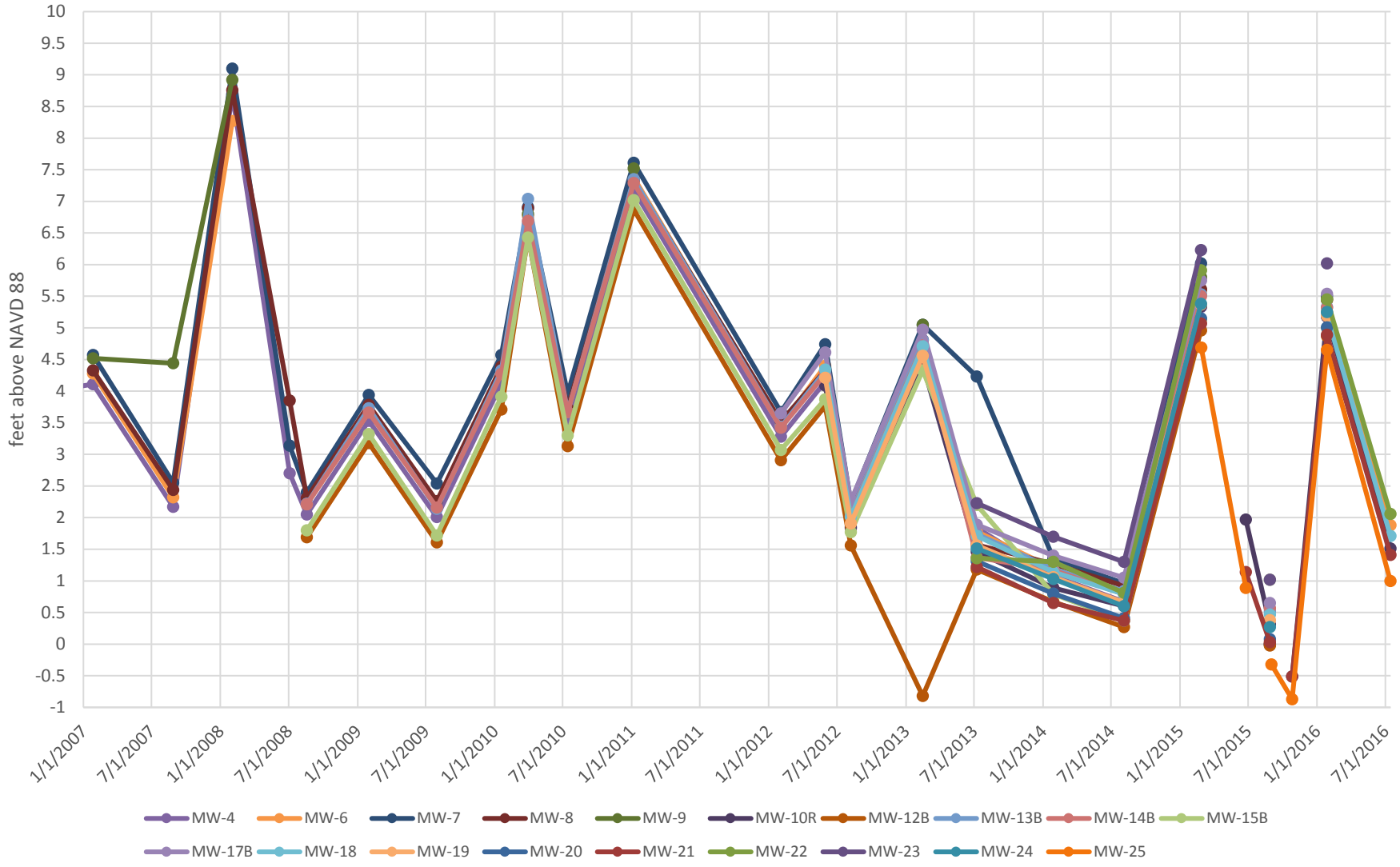
Neat Cement Grout Backfill
Bentonite Seal
Soil Vapor Probe
#3 Monterey Sand Filter Pack

GEO FORM 304 6390OFFSITEASSESSMENT.GPJ SECOR INTL.GDT 2/26/07

Appendix D

Time Series Hydrograph – All Active Wells

Time Series Hydrograph - All Active Wells
76 Service Station No. 6390
402 South Delaware Street
San Mateo, California



Appendix E

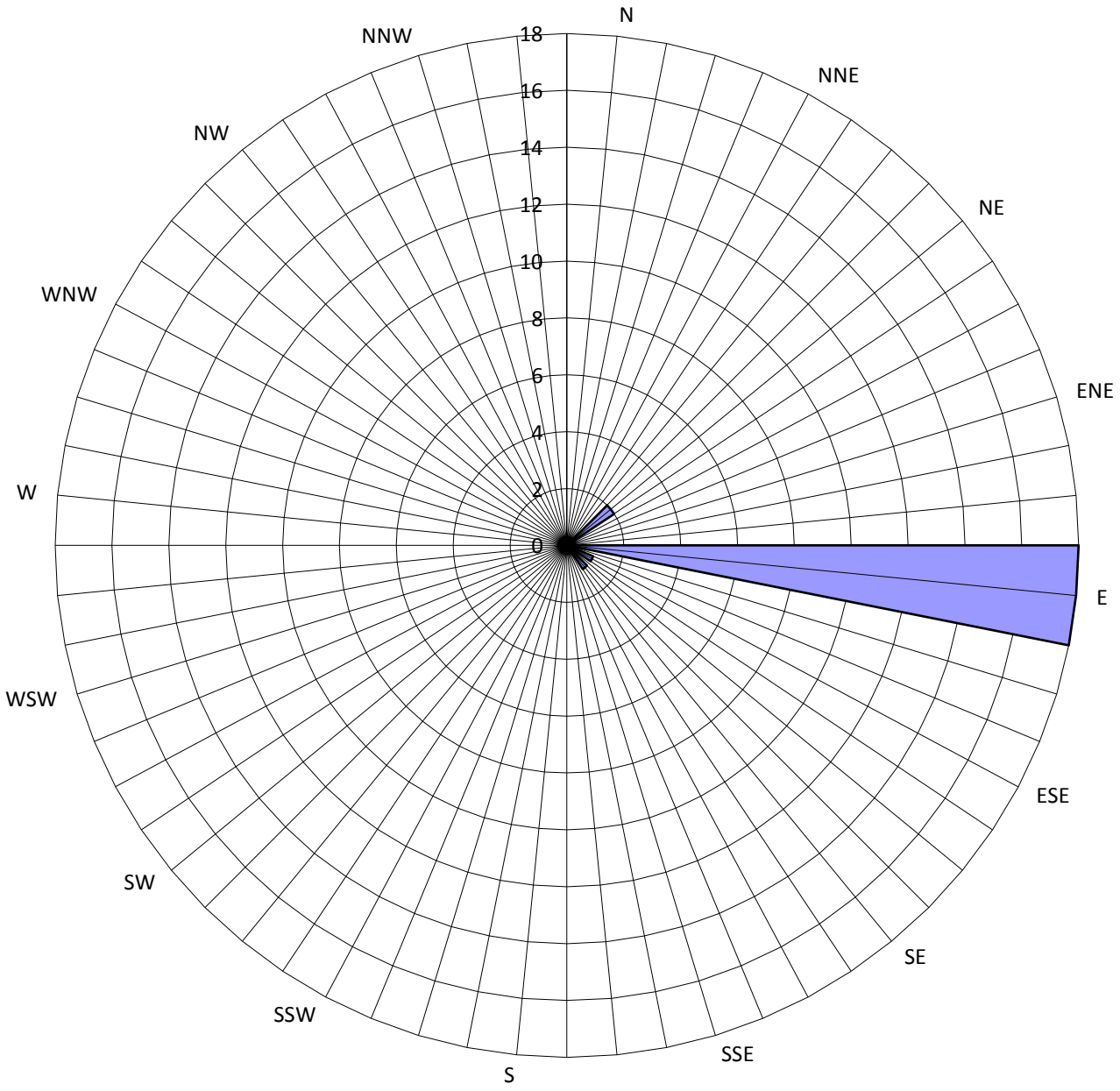
Rose Diagram and Gradient Table

HISTORICAL GROUNDWATER GRADIENT DATA
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Monitoring Date	Groundwater Gradient (feet/feet)		Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
03/10/05	0.002		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08/11/05	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
03/01/06	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/02/06	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/26/07	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/28/07	0.003		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02/01/08	0.002		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
07/03/08	0.008		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
01/30/09	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/30/09	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/18/10	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/14/10	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/06/11	0.0025		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/02/12	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/06/12	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/14/13	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/08/13	variable	♦	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01/28/14	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/04/14	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
02/25/15	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
08/28/15	0.003		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/27/16	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/14/17	0.002		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Average =	0.003	Sum =	0	0	2	0	18	1	1	0	0	0	0	0	0	0	0	0

Notes:
♦ Groundwater flow direction was variable.

GROUNDWATER FLOW DIRECTION ROSE DIAGRAM
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



Legend:
Each concentric gridline represents the number of monitoring events.
The diagram includes data from the First Quarter 2005 through the Third Quarter 2016
Monitoring events with radial and variable groundwater flows were not included in the diagram.

Groundwater Flow Direction

Appendix F

EDR Offsite Receptor and GeoCheck® Reports

76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402

Inquiry Number: 4705144.1s
August 19, 2016

The EDR GeoCheck® Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Physical Setting Source Summary ---- **A-2**

Physical Setting Source Map ---- **A-8**

Physical Setting Source Map Findings ---- **A-9**

Physical Setting Source Records Searched ---- **PSGR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

TARGET PROPERTY COORDINATES

Latitude (North):	37.565878 - 37° 33' 57.16''
Longitude (West):	122.319042 - 122° 19' 8.55''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	560138.9
UTM Y (Meters):	4157663.2
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37122-E3 SAN MATEO, CA
Version Date:	1999

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

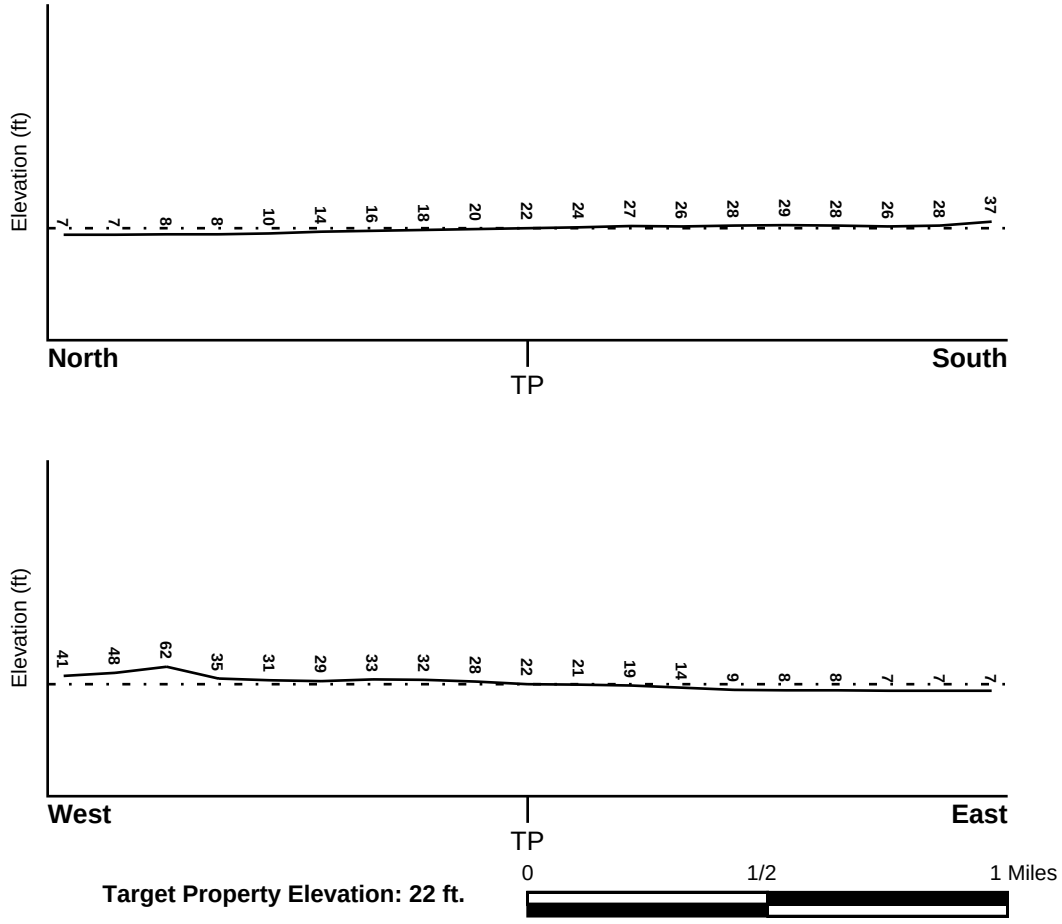
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 22 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SAN MATEO, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0603280000B - FEMA Q3 Flood data

Additional Panels in search area: 0603200000B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN MATEO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	0 - 1/8 Mile WNW	ESE
A2	0 - 1/8 Mile WNW	S
A3	0 - 1/8 Mile WNW	E
A4	0 - 1/8 Mile North	E
A5	0 - 1/8 Mile West	Not Reported
A6	0 - 1/8 Mile NW	SE
A7	0 - 1/8 Mile NW	E
B8	0 - 1/8 Mile NNW	E
B9	0 - 1/8 Mile North	E

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
10	1/8 - 1/4 Mile WNW	ENE
C11	1/8 - 1/4 Mile SW	Not Reported
12	1/8 - 1/4 Mile NNE	WSW
C13	1/8 - 1/4 Mile SSW	Not Reported
C14	1/4 - 1/2 Mile SW	Not Reported
D15	1/4 - 1/2 Mile South	NE
D16	1/4 - 1/2 Mile SSW	NE
E17	1/4 - 1/2 Mile SSE	N
18	1/4 - 1/2 Mile West	NE
E19	1/4 - 1/2 Mile SSE	N
F21	1/4 - 1/2 Mile West	E
H29	1/4 - 1/2 Mile East	E
F30	1/4 - 1/2 Mile West	NNW
H31	1/4 - 1/2 Mile East	NE
I32	1/4 - 1/2 Mile WSW	ENE
I33	1/4 - 1/2 Mile WSW	ESE
I34	1/4 - 1/2 Mile WSW	ESE
36	1/2 - 1 Mile WSW	W
37	1/2 - 1 Mile East	Not Reported
J38	1/2 - 1 Mile North	ENE
39	1/2 - 1 Mile NE	NNW
K40	1/2 - 1 Mile East	E
K41	1/2 - 1 Mile East	E
L43	1/2 - 1 Mile SW	NE
L44	1/2 - 1 Mile SW	E
L45	1/2 - 1 Mile SW	E
L46	1/2 - 1 Mile SW	E
M47	1/2 - 1 Mile SE	N
M48	1/2 - 1 Mile SE	SW
50	1/2 - 1 Mile NW	NE
51	1/2 - 1 Mile WNW	E
N52	1/2 - 1 Mile SSE	E
N53	1/2 - 1 Mile SSE	E
N55	1/2 - 1 Mile SSE	NE
56	1/2 - 1 Mile SSE	ENE
57	1/2 - 1 Mile SE	NNE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam

Surficial Soil Types: loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sandy clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	1.000
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
20	USGS40000183788	1/4 - 1/2 Mile SSW
G27	USGS40000183813	1/4 - 1/2 Mile WSW
G28	USGS40000183814	1/4 - 1/2 Mile WSW
J35	USGS40000183875	1/4 - 1/2 Mile North
42	USGS40000183886	1/2 - 1 Mile North
49	USGS40000183893	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

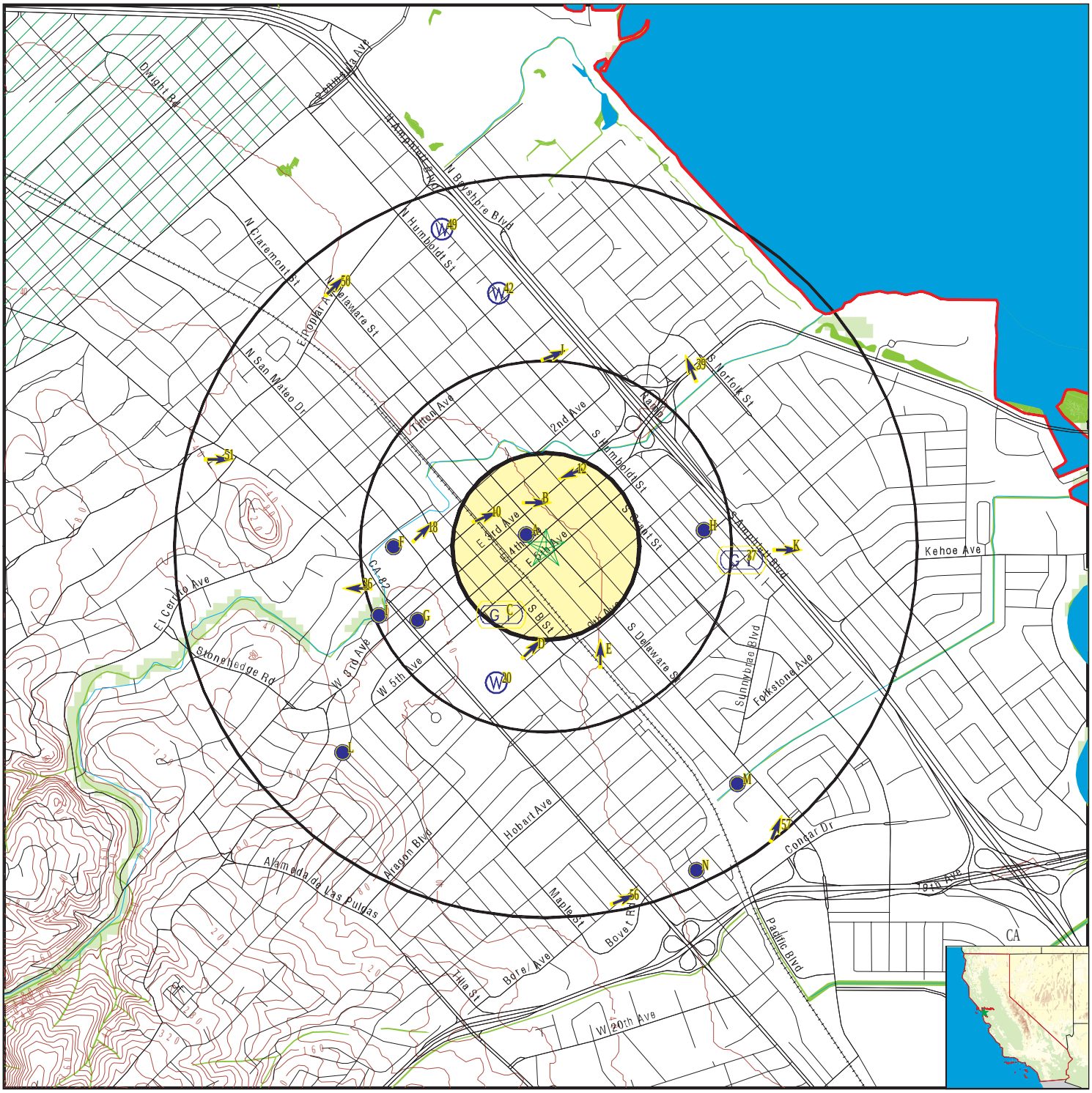
MAP ID	WELL ID	LOCATION FROM TP
G22	CA4110008	1/4 - 1/2 Mile WSW
G23	CA4100532	1/4 - 1/2 Mile WSW
G24	CA3901201	1/4 - 1/2 Mile WSW
G25	CA4100569	1/4 - 1/2 Mile WSW
G26	CA4100518	1/4 - 1/2 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 4705144.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME: 76 Service Station No. 6390	CLIENT: Antea Group
ADDRESS: 402 South Delaware Street San Mateo CA 94402	CONTACT: Regina Bussard INQUIRY #: 4705144.1s
LAT/LONG: 37.565878 / 122.319042	DATE: August 19, 2016 12:05 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **WNW** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0503 ESE 16.36 17.79 Not Reported 02/19/1999	**AQUIFLOW**	**67749**
A2 **WNW** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0083 S 9.03 10.08 Not Reported 04/16/1997	**AQUIFLOW**	**67729**
A3 **WNW** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0665 E 15.33 16.71 Not Reported 08/16/1994	**AQUIFLOW**	**67755**
A4 **North** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0444 E 9.87 11.68 Not Reported 05/24/1999	**AQUIFLOW**	**67720**
A5 **West** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0987 Not Reported 12.85 13.41 Not Reported 04/16/1999	**AQUIFLOW**	**67758**
A6 **NW** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110123 SE 12.02 12.65 Not Reported 07/07/1999	**AQUIFLOW**	**67725**
A7 **NW** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0035 E 15.08 17.56 Not Reported 02/25/1998	**AQUIFLOW**	**67835**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
B8 **NNW** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0640 E 13.70 14.92 Not Reported 06/28/1999	**AQUIFLOW**	**67714**
B9 **North** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	000930 E 13.70 14.92 Not Reported 06/28/1999	**AQUIFLOW**	**67713**
10 **WNW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0672 ENE 14.80 23.64 Not Reported 05/24/1999	**AQUIFLOW**	**67790**
C11 **SW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0286 Not Reported 19.93 21.7 Not Reported 06/30/1989	**AQUIFLOW**	**67634**
12 **NNE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0166 WSW 5.98 10.20 Not Reported 01/04/1994	**AQUIFLOW**	**67954**
C13 **SSW** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	119117 Not Reported 15 20 Not Reported 06/24/1998	**AQUIFLOW**	**67620**
C14 **SW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	119117 Not Reported 15 20 Not Reported 06/24/1998	**AQUIFLOW**	**67618**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
D15 **South** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110067 NE 18 19 Not Reported 06/01/1998	**AQUIFLOW**	**67681**
D16 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110067 NE 18 19 Not Reported 06/01/1998	**AQUIFLOW**	**67679**
E17 **SSE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	410641 N 9.87 11.41 Not Reported 06/21/1999	**AQUIFLOW**	**67943**
18 **West** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0933 NE 20.20 28.53 Not Reported 06/1996	**AQUIFLOW**	**67787**
E19 **SSE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0756 N 9.87 11.41 Not Reported 06/21/1999	**AQUIFLOW**	**67942**

20
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183788**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-373338122191301		
Monloc name:	004S004W29B001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.5605556
Longitude:	-122.3214722	Sourcemap scale:	24000

Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1950	Welldepth:	180
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1994-05-18					
Note: The site was being pumped.					
1994-05-04	26.86				
Note: The site had been pumped recently.					
1993-11-04	25.92				
Note: The site had been pumped recently.					
1993-05-06	25.03				
Note: The site had been pumped recently.					
1992-10-06	34.26				
Note: The site had been pumped recently.					
1992-05-21	34.74				
Note: The site had been pumped recently.					
1991-09-18	40.32				
Note: The site had been pumped recently.					
1991-05-23	27.58		1990-11-15	33.08	
1990-05-22	29.79				
1989-10-25	33.14				
Note: The site was being pumped.					
1989-04-11	28.33				
Note: The site was being pumped.					
1984-06-01	35.5				
Note: The site had been pumped recently.					
1982-10-07	29.68				
Note: The site had been pumped recently.					
1980-05-08	53.0				
Note: The site had been pumped recently.					
1979-10-02	44.8				
Note: The site had been pumped recently.					
1979-04-18	24.01				

F21
West
1/4 - 1/2 Mile Higher

Site ID:	41-0911
Groundwater Flow:	E
Shallow Water Depth:	10.79
Deep Water Depth:	17.56
Average Water Depth:	Not Reported
Date:	09/16/1996

AQUIFLOW **67820**

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G22
WSW
1/4 - 1/2 Mile
Higher | **FRDS PWS** | **CA4110008**

Epa region:	09	State:	CA
Pwsid:	CA4110008		
Pwsname:	CALIFORNIA WATER SERVICE - SAN MATEO		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06081
Status:	Active	Pop srvd:	93373
Pwssvcconn:	33114	Source:	Purch_surface_water
Pws type:	CWS	Owner:	Private
Contact:	TRELOAR, TIM		
Contactor gname:	TRELOAR, TIM		
Contact phone:	408-367-8232	Contact address1:	1720 N 1ST ST
Contact address2:	Not Reported	Contact city:	SAN JOSE
Contact state:	CA	Contact zip:	95112-4508
Activity code:	A		

Location Information:

Name:	CALIFORNIA WATER SERVICE - SAN MATEO		
Pwstypcd:	CWS	Primsrccd:	SWP
Popserved:	93373		
Add1:	1720 N 1ST ST		
Add2:	Not Reported		
City:	SAN JOSE	State:	CA
Zip:	95112-4508	Phone:	408-367-8376
Cityserv:	Not Reported	Cntyserv:	San Mateo
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:

Violation id:	Not Reported	Orig cd:	F
Enf fy:	2000	Enf act date:	03/01/2000
Enf act detail:	Fed Compliance achieved	Enf act cat:	Not Reported

PWS ID: CA4110008
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: CALIFORNIA WATER SERVICE - SAN MATEO
SAN MATEO, CA 94402

Addressee / Facility: System Owner/Responsible Party
CALIFORNIA WTR SERV CO
345 N. DELAWARE
SAN MATEO, CA 94402

Facility Latitude:	37 33 47	Facility Longitude:	122 19 27
City Served:	SAN MATEO		
Treatment Class:	Mixed (treated and untreated)	Population:	91100

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name:	CALIFORNIA WATER SERVICE -		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	92V0001		
Enforcement Date:	1992-12-15	Enf. Action:	Fed Compliance Achieved

ENFORCEMENT INFORMATION:

System Name:	CALIFORNIA WATER SERVICE -		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	92V0001		
Enforcement Date:	1993-12-15	Enf. Action:	Fed Compliance Achieved
System Name:	CALIFORNIA WATER SERVICE -		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2000-03-01		
Violation ID:	93V0001		
Enforcement Date:	2000-03-01	Enf. Action:	Fed Compliance Achieved
System Name:	CALIFORNIA WATER SERVICE -		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-01-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1992-12-22	Enf. Action:	Fed FAO Issued
System Name:	California Water Service - San Mateo		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	07/01/92 - 03/01/00		
Violation ID:	93V0001		
Enforcement Date:	03/01/00	Enf. Action:	Fed Compliance Achieved
System Name:	California Water Service - San Mateo		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	7/1/1992 0:00:00 - 3/1/2000 0:00:00		
Violation ID:	93V0001		
Enforcement Date:	3/1/2000 0:00:00	Enf. Action:	Fed Compliance Achieved

---

G23
WSW
1/4 - 1/2 Mile
Higher

FRDS PWS **CA4100532**

Epa region:	09	State:	CA
Pwsid:	CA4100532		
Pwsname:	CUTTER SCOUT RESERVATION		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06081
Status:	Active	Pop srvd:	400
Pwssvcconn:	15	Source:	Groundwater
Pws type:	TNCWS	Owner:	Private
Contact:	CURTIS, BRIAN		
Contactor gname:	CURTIS, BRIAN		
Contact phone:	650-341-4633	Contact address1:	1150 CHESS DRIVE
Contact address2:	Not Reported	Contact city:	FOSTER CITY
Contact state:	CA	Contact zip:	94404
Activity code:	A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Location Information:

Name:	CUTTER SCOUT RESERVATION		
Pwstypcd:	TNCWS	Primsrccd:	GW
Popserved:	400		
Add1:	1150 CHESS DRIVE		
Add2:	Not Reported		
City:	FOSTER CITY	State:	CA
Zip:	94404	Phone:	650-341-4633
Cityserv:	Not Reported	Cntyserv:	San Mateo
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:

Violation id:	600003	Orig cd:	S
Enf fy:	2006	Enf act date:	05/25/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	600002	Orig cd:	S
Enf fy:	2006	Enf act date:	04/07/2006
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Enforcement Information:

Violation id:	1217005	Orig cd:	S
Enf fy:	2012	Enf act date:	11/10/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Enforcement Information:

Violation id:	1117004	Orig cd:	S
Enf fy:	2011	Enf act date:	09/23/2011
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Violations Information:

Violoation id:	600003	Orig cd:	S
State:	CA	Viol fy:	2006
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	04/01/2006
Cmpedt:	04/30/2006		

Violations Information:

Violoation id:	600002	Orig cd:	S
State:	CA	Viol fy:	2005
Contamcd:	1038		
Contamnm:	Nitrate-Nitrite		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	331		
Rule name:	Nitrates		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

State mcl: Not Reported
Cmpbdt: 01/01/2005
Cmpedt: 12/31/2005

Violations Information:
Violoation id: 1217005
Orig cd: S
State: CA
Viol fy: 2011
Contamcd: 3100
Contamnm: Coliform (TCR)
Viol code: 22
Viol name: MCL, Monthly (TCR)
Rule code: 110
Rule name: TCR
Violmeasur: Not Reported
Unitmeasur: Not Reported
State mcl: Not Reported
Cmpbdt: 10/01/2011
Cmpedt: 10/31/2011

Violations Information:
Violoation id: 1117004
Orig cd: S
State: CA
Viol fy: 2011
Contamcd: 3100
Contamnm: Coliform (TCR)
Viol code: 22
Viol name: MCL, Monthly (TCR)
Rule code: 110
Rule name: TCR
Violmeasur: Not Reported
Unitmeasur: Not Reported
State mcl: Not Reported
Cmpbdt: 09/01/2011
Cmpedt: 09/30/2011

PWS ID: CA4100532
Date Initiated: 7706
Date Deactivated: Not Reported
PWS Name: CUTTER SCOUT RESERVATION
BOY SCOUTS OF AMERICA
2500 CHINA GRADE RD
BOULDER CREEK, CA 95006

Addressee / Facility: System Owner/Responsible Party
BOY SCOUTS OF AMERICA
P O BOX 50
SAN MATEO, CA 94402

Facility Latitude: 37 33 47
Facility Longitude: 122 19 27
City Served: Not Reported
Treatment Class: Untreated
Population: 00000150

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009
Pwsid: CA4100532
Pwsname: CUTTER SCOUT RESERVATION
Retpopsrvd: 25
Pwstypecod: NC
Vioid: 0600003
Contaminant: COLIFORM (TCR)
Viol. Type: Monitoring, Routine Major (TCR)
Complperbe: 4/1/2006 0:00:00
Complperen: 4/30/2006 0:00:00
Enfdate: 5/25/2006 0:00:00
Enf action: State Violation/Reminder Notice
Violmeasur: Not Reported

ENFORCEMENT INFORMATION:

System Name:	CUTTER SCOUT RESERVATION		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2006 0:00:00 - 4/30/2006 0:00:00		
Violation ID:	0600003		
Enforcement Date:	5/25/2006 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	CUTTER SCOUT RESERVATION		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	04/01/06 - 04/30/06		
Violation ID:	0600003		
Enforcement Date:	05/25/06	Enf. Action:	State Violation/Reminder Notice

CONTACT INFORMATION:

Name:	CUTTER SCOUT RESERVATION	Population:	25
Contact:	MATT MYERS	Phone:	Not Reported
Address:	P O BOX 5005		
Address 2:	SAN MATEO		
	CA, 94 65034		

G24
WSW **FRDS PWS** **CA3901201**
1/4 - 1/2 Mile
Higher

Epa region:	09	State:	CA
Pwsid:	CA3901201		
Pwsname:	ARCO STATION #595*		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	CAFIP
Status:	Closed	Pop srvd:	100
Pwssvcconn:	1	Source:	Groundwater
Pws type:	TNCWS	Owner:	Private
Contact:	Bob Giesick		
Contactor gname:	LPA-San Joaquin		
Contact phone:	8586943718	Contact address1:	Land and Water Quality
Contact address2:	5201 Ruffin Rd Suite C	Contact city:	San Diego
Contact state:	CA	Contact zip:	92123
Activity code:	I		

Location Information:

Name:	ARCO STATION #595*		
Pwstypcd:	TNCWS	Primsrccd:	GW
Popserved:	100		
Add1:	LAND AND WATER QUALITY		
Add2:	5201 RUFFIN RD SUITE C		
City:	SAN DIEGO	State:	CA
Zip:	92123	Phone:	8586943718
Cityserv:	Not Reported	Cntyserv:	Not Reported
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:

Violation id:	0500016	Orig cd:	S
Enf fy:	2005	Enf act date:	08/01/2005
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0400015	Orig cd:	S
Enf fy:	2004	Enf act date:	08/01/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0400014	Orig cd:	S
Enf fy:	2004	Enf act date:	07/01/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0400013	Orig cd:	S
Enf fy:	2004	Enf act date:	05/01/2004
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0400011	Orig cd:	S
Enf fy:	2004	Enf act date:	10/01/2003
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0300010	Orig cd:	S
Enf fy:	2003	Enf act date:	08/01/2003
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0300009	Orig cd:	S
Enf fy:	2003	Enf act date:	07/01/2003
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0300008	Orig cd:	S
Enf fy:	2003	Enf act date:	03/01/2003
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0300007	Orig cd:	S
Enf fy:	2003	Enf act date:	11/01/2002
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0300006	Orig cd:	S
Enf fy:	2003	Enf act date:	10/01/2002
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0300006	Orig cd:	S
Enf fy:	2002	Enf act date:	07/01/2002
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0200005	Orig cd:	S
Enf fy:	2002	Enf act date:	09/01/2002
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0200005	Orig cd:	S
Enf fy:	2002	Enf act date:	07/01/2002
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0200004	Orig cd:	S
Enf fy:	2002	Enf act date:	07/01/2002
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Enforcement Information:

Violation id:	0200003	Orig cd:	S
Enf fy:	2002	Enf act date:	05/01/2002
Enf act detail:	St Public Notif received	Enf act cat:	Informal

Enforcement Information:

Violation id:	0000001	Orig cd:	S
Enf fy:	2000	Enf act date:	09/14/2000
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

Violations Information:

Violoation id:	0500016	Orig cd:	S
State:	CA	Viol fy:	2005
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	08/01/2005
Cmpedt:	08/31/2005		

Violations Information:

Violoation id:	0400015	Orig cd:	S
State:	CA	Viol fy:	2004
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	08/01/2004
Cmpedt:	08/31/2004		

Violations Information:

Violoation id:	0400014	Orig cd:	S
State:	CA	Viol fy:	2004
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

State mcl:	Not Reported	Cmpbdt:	07/01/2004
Cmpedt:	07/31/2004		

Violations Information:

Violoation id:	0400013	Orig cd:	S
State:	CA	Viol fy:	2004
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	05/01/2004
Cmpedt:	05/31/2004		

Violations Information:

Violoation id:	0400011	Orig cd:	S
State:	CA	Viol fy:	2003
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	10/01/2003
Cmpedt:	10/31/2003		

Violations Information:

Violoation id:	0300010	Orig cd:	S
State:	CA	Viol fy:	2003
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	08/01/2003
Cmpedt:	08/31/2003		

Violations Information:

Violoation id:	0300009	Orig cd:	S
State:	CA	Viol fy:	2003
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2003
Cmpedt:	07/31/2003		

Violations Information:

Violoation id:	0300008	Orig cd:	S
State:	CA	Viol fy:	2003
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	03/01/2003
Cmpedt:	03/31/2003		

Violations Information:

Violoation id:	0300007	Orig cd:	S
State:	CA	Viol fy:	2002
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	11/01/2002
Cmpedt:	11/30/2002		

Violations Information:

Violoation id:	0300006	Orig cd:	S
State:	CA	Viol fy:	2002
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	10/01/2002
Cmpedt:	10/31/2002		

Violations Information:

Violoation id:	0200005	Orig cd:	S
State:	CA	Viol fy:	2002
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	09/01/2002
Cmpedt:	09/30/2002		

Violations Information:

Violoation id:	0200004	Orig cd:	S
State:	CA	Viol fy:	2002
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

State mcl:	Not Reported	Cmpbdt:	07/01/2002
Cmpedt:	07/31/2002		

Violations Information:

Violoation id:	0200003	Orig cd:	S
State:	CA	Viol fy:	2002
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	05/01/2002
Cmpedt:	05/31/2002		

Violations Information:

Violoation id:	0000001	Orig cd:	S
State:	CA	Viol fy:	2000
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	08/01/2000
Cmpedt:	08/31/2000		

PWS ID:	CA3901201		
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	HAMMER 99 AM PM ATLANTIC RICHFIELD CO 6100 N NINETY-NINE HW STOCKTON, CA 95212		
Addressee / Facility:	System Owner/Responsible Party ATLANTIC RICHFIELD CO 6100 N NINTY-NINE HIGHWAY STOCKTON, CA 95212		
Facility Latitude:	37 33 47	Facility Longitude:	122 19 27
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000100

Violations information not reported.

G25
WSW
1/4 - 1/2 Mile
Higher

FRDS PWS **CA4100569**

Location Information:

Name:	BURLINGAME HIGH SCHOOL		
Pwstypcd:	NTNCWS	Primsrccd:	SW
Popserved:	500		
Add1:	Not Reported		
Add2:	Not Reported		
City:	HALF MOON BAY	State:	CA
Zip:	94019	Phone:	Not Reported
Cityserv:	Not Reported	Cntyserv:	Not Reported
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:

Violation id:	Not Reported	Orig cd:	F
Enf fy:	2000	Enf act date:	03/01/2000
Enf act detail:	Fed Compliance achieved	Enf act cat:	Not Reported

PWS ID: CA4100569
Date Initiated: 7706 Date Deactivated: Not Reported
PWS Name: CSP BUTANO STATE PARK
SAN MATEO UNION HIGH SCHOOL
CAROLYN & OAK GROVE
HALF MOON BAY, CA 94019

Addressee / Facility: System Owner/Responsible Party
SAN MATEO UNION HIGH SCHOOL
650 N DELAWARE
SAN MATEO, CA 94401

Facility Latitude:	37 33 47	Facility Longitude:	122 19 27
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000086

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID:	94V0001	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	07/01/93	Vio. end Date:	12/31/93	Vio. Period:	006 Months
Num required Samples:	Not Reported	Number of Samples Taken:		Not Reported	
Analysis Result:	Not Reported	Maximum Contaminant Level:		Not Reported	
Analysis Method:	Not Reported				
Violation Type:	Initial Tap Sampling for Pb and Cu				
Contaminant:	LEAD & COPPER RULE				
Vio. Awareness Date:	Not Reported				

ENFORCEMENT INFORMATION:

System Name: BURLINGAME HIGH SCHOOL
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-03-01
Violation ID: 94V0001
Enforcement Date: 2000-03-01 Enf. Action: Fed Compliance Achieved

System Name: BURLINGAME HIGH SCHOOL
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2015-12-31
Violation ID: 94V0001
Enforcement Date: 1994-08-11 Enf. Action: Fed Formal NOV Issued

System Name: BURLINGAME HIGH SCHOOL
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-03-01
Violation ID: 94V0001
Enforcement Date: 1994-08-11 Enf. Action: Fed Formal NOV Issued

ENFORCEMENT INFORMATION:

System Name:	BURLINGAME HIGH SCHOOL		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-03-01		
Violation ID:	94V0001		
Enforcement Date:	1995-03-08	Enf. Action:	Fed PAO Issued

System Name:	BURLINGAME HIGH SCHOOL		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31		
Violation ID:	94V0001		
Enforcement Date:	1995-03-08	Enf. Action:	Fed PAO Issued

G26
WSW
1/4 - 1/2 Mile
Higher

FRDS PWS **CA4100518**

Epa region:	09	State:	CA
Pwsid:	CA4100518		
Pwsname:	SAN MATEO HIGH SCHOOL		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06081
Status:	Closed	Pop srvd:	1000
Pwssvcconn:	3	Source:	Groundwater
Pws type:	NTNCWS	Owner:	Local_Govt
Contact:	GEORGE HUGGINS		
Contactor gname:	SAN MATEO HIGH SCHOOL		
Contact phone:	6505582409	Contact address1:	650 N DELAWARE ST
Contact address2:	Not Reported	Contact city:	SAN MATEO
Contact state:	CA	Contact zip:	94401
Activity code:	I		

Location Information:

Name:	SAN MATEO HIGH SCHOOL		
Pwstypcd:	NTNCWS	Primsrccd:	GW
Popserved:	1000		
Add1:	650 N DELAWARE ST		
Add2:	Not Reported		
City:	SAN MATEO	State:	CA
Zip:	94401	Phone:	6505582409
Cityserv:	Not Reported	Cntyserv:	San Mateo
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:

Violation id:	Not Reported	Orig cd:	F
Enf fy:	2000	Enf act date:	04/04/2000
Enf act detail:	St Compliance achieved	Enf act cat:	Not Reported

PWS ID: CA4100518
Date Initiated: 7706 Date Deactivated: Not Reported
PWS Name: SAN MATEO HIGH SCHOOL
SAN MATEO UNION HIGH SCHOOL
650 N DELAWARE
SAN MATEO, CA 94401

Addressee / Facility: System Owner/Responsible Party
SAN MATEO UNION HIGH SCHOOL
650 N DELAWARE
SAN MATEO, CA 94401

Facility Latitude: 37 33 47 Facility Longitude: 122 19 27
City Served: Not Reported
Treatment Class: Untreated Population: 00000200

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID: 94V0001 Source ID: Not Reported PWS Phone: Not Reported
Vio. beginning Date: 07/01/93 Vio. end Date: 12/31/93 Vio. Period: 006 Months
Num required Samples: Not Reported Number of Samples Taken: Not Reported
Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
Analysis Method: Not Reported
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Vio. Awareness Date: Not Reported

ENFORCEMENT INFORMATION:

System Name: SAN MATEO HIGH BIOLOGY SHO
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-04-04
Violation ID: 94V0001
Enforcement Date: 2000-04-04 Enf. Action: State Compliance Achieved

System Name: SAN MATEO HIGH BIOLOGY SHO
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-04-04
Violation ID: 94V0001
Enforcement Date: 1994-08-11 Enf. Action: Fed Formal NOV Issued

System Name: SAN MATEO HIGH BIOLOGY SHO
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-04-04
Violation ID: 94V0001
Enforcement Date: 2000-04-04 Enf. Action: State Compliance Achieved

System Name: SAN MATEO HIGH BIOLOGY SHO
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2000-04-04
Violation ID: 94V0001
Enforcement Date: 1994-08-11 Enf. Action: Fed Formal NOV Issued

System Name: SAN MATEO HIGH BIOLOGY SHO
Violation Type: Initial Tap Sampling for Pb and Cu
Contaminant: LEAD & COPPER RULE
Compliance Period: 1993-07-01 - 2015-12-31
Violation ID: 94V0001
Enforcement Date: 1994-08-11 Enf. Action: Fed Formal NOV Issued

ENFORCEMENT INFORMATION:

System Name:	SAN MATEO HIGH SCHOOL		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	07/01/93 - 04/04/00		
Violation ID:	94V0001		
Enforcement Date:	04/04/00	Enf. Action:	State Compliance Achieved
System Name:	SAN MATEO HIGH SCHOOL		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	07/01/93 - 04/04/00		
Violation ID:	94V0001		
Enforcement Date:	08/11/94	Enf. Action:	Fed Formal NOV Issued
System Name:	SAN MATEO HIGH SCHOOL		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	7/1/1993 0:00:00 - 4/4/2000 0:00:00		
Violation ID:	94V0001		
Enforcement Date:	4/4/2000 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	SAN MATEO HIGH SCHOOL		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	7/1/1993 0:00:00 - 4/4/2000 0:00:00		
Violation ID:	94V0001		
Enforcement Date:	8/11/1994 0:00:00	Enf. Action:	Fed Formal NOV Issued

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G27
WSW **FED USGS** **USGS40000183813**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-373347122192801		
Monloc name:	004S004W20P001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.5629917
Longitude:	-122.3255254	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19880422	Welldepth:	56
Welldepth units:	ft	Wellholedepth:	60
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G28
WSW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000183814**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-373347122192802		
Monloc name:	004S004W20P002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.5629917
Longitude:	-122.3255254	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19880422	Welldepth:	56
Welldepth units:	ft	Wellholedepth:	60
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H29
East
1/4 - 1/2 Mile
Lower

Site ID:	41-0754
Groundwater Flow:	E
Shallow Water Depth:	8.77
Deep Water Depth:	12.16
Average Water Depth:	Not Reported
Date:	01/14/1998

AQUIFLOW **67829**

F30
West
1/4 - 1/2 Mile
Higher

Site ID:	41-0360
Groundwater Flow:	NNW
Shallow Water Depth:	12.35
Deep Water Depth:	24.62
Average Water Depth:	Not Reported
Date:	12/12/1998

AQUIFLOW **67733**

H31
East
1/4 - 1/2 Mile
Lower

Site ID:	41-0870
Groundwater Flow:	NE
Shallow Water Depth:	11.26
Deep Water Depth:	12.3
Average Water Depth:	Not Reported
Date:	05/01/1997

AQUIFLOW **67606**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
I32 **WSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0355 ENE 30 40 Not Reported 06/28/1993	**AQUIFLOW**	**67864**
I33 **WSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0538 ESE 25 40 Not Reported 02/19/1997	**AQUIFLOW**	**67656**
I34 **WSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110079 ESE 25 40 Not Reported 02/19/1997	**AQUIFLOW**	**67657**

J35
North
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000183875**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-373423122190401		
Monloc name:	004S004W20H001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.5729912
Longitude:	-122.3188585	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	9
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	193802	Welldepth:	445
Welldepth units:	ft	Wellholedepth:	445
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
36 **WSW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0517 W 18.00 22.86 Not Reported 01/25/1999	**AQUIFLOW**	**67925**
37 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0249 Not Reported .017 12.3 Not Reported 01/18/1996	**AQUIFLOW**	**67824**
J38 **North** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0077 ENE 5.98 8.73 Not Reported 06/11/1999	**AQUIFLOW**	**67773**
39 **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0597 NNW 7.53 10.95 Not Reported 10/26/1992	**AQUIFLOW**	**67179**
K40 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110060 E 11 Not Reported Not Reported 05/26/1992	**AQUIFLOW**	**67826**
K41 **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0167 E 11 Not Reported Not Reported 05/26/1992	**AQUIFLOW**	**67825**
42 **North** **1/2 - 1 Mile** **Lower**			**FED USGS**	**USGS40000183886**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-373433122191301		
Monloc name:	004S004W20B002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.5757689
Longitude:	-122.3213586	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1934	Welldepth:	385
Welldepth units:	ft	Wellholedepth:	385
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

L43
SW
1/2 - 1 Mile
Higher

Site ID:	41-1029
Groundwater Flow:	NE
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	11/24/1997

AQUIFLOW **67632**

L44
SW
1/2 - 1 Mile
Higher

Site ID:	110093
Groundwater Flow:	E
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	11
Date:	02/28/1996

AQUIFLOW **67629**

L45
SW
1/2 - 1 Mile
Higher

Site ID:	41-0805
Groundwater Flow:	E
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	11
Date:	02/28/1996

AQUIFLOW **67630**

L46
SW
1/2 - 1 Mile
Higher

Site ID:	110093
Groundwater Flow:	E
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	11
Date:	02/28/1996

AQUIFLOW **67625**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
M47 **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0057 N 3.87 6.50 Not Reported 01/29/1999	**AQUIFLOW**	**67808**
M48 **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0624 SW 1.82 4.26 Not Reported 01/1997	**AQUIFLOW**	**67190**

49
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000183893**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-373442122192301		
Monloc name:	004S004W17Q001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.5782689
Longitude:	-122.3241365	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	193708	Welldepth:	288
Welldepth units:	ft	Wellholedepth:	288
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

			Database	EDR ID Number
50 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110112 NE 21 21 21 10/10/1997	**AQUIFLOW**	**67611**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
51 **WNW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0610 E 7.11 9.98 Not Reported 04/02/1999	**AQUIFLOW**	**67831**
N52 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	110049 E Not Reported Not Reported 6.5 12/15/1992	**AQUIFLOW**	**67194**
N53 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0628 E Not Reported Not Reported 6.5 12/15/1992	**AQUIFLOW**	**67195**
N54 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0927 Not Reported Not Reported Not Reported 5 05/03/1999	**AQUIFLOW**	**67402**
N55 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0727 NE 4.44 6.21 Not Reported 12/16/1994	**AQUIFLOW**	**67805**
56 **SSE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0600 ENE 11.45 26.95 Not Reported 10/01/1993	**AQUIFLOW**	**67188**
57 **SE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0303 NNE 5 10 Not Reported 05/25/1999	**AQUIFLOW**	**67192**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94402	141	6

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 94402

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.400 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402

Inquiry Number: 4705144.2s
August 19, 2016

EDR Offsite Receptor Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc. (EDR). The EDR Offsite Receptor Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R. *"The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e., the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."*

The address of the subject property, for which the search was intended, is:

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94402

Distance Searched: 1.000 miles from subject property

RECEPTOR SUMMARY
An X indicates the presence of the receptor within the search radius.

Residential Population
Estimated population within search radius: 31563 persons.

Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	X	66
Medical Centers:		
Nursing Homes:		
Schools:	X	11
Hospitals:	X	111
Colleges:		
Arena:		
Prison:		

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:		

CENSUS MAP - 4705144.2s



Target Property
Roads
Waterways
Census Tracts

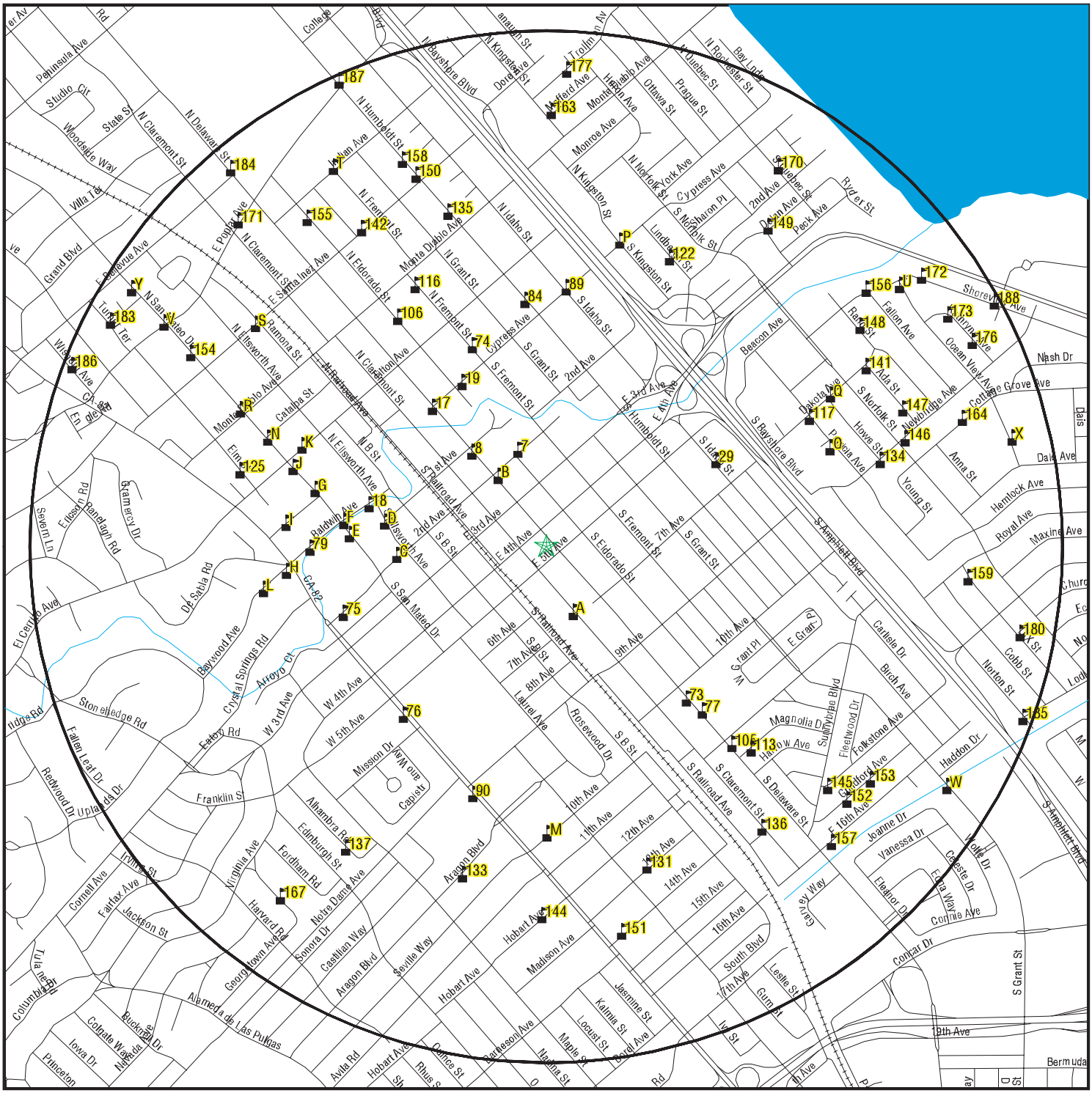
TARGET PROPERTY:	76 Service Station No. 6390	CUSTOMER:	Antea Group
ADDRESS:	402 South Delaware Street	CONTACT:	Regina Bussard
CITY/STATE/ZIP:	San Mateo CA 94402	INQUIRY #:	4705144.2s
LAT/LONG:	37.5659 / 122.3190	DATE:	August 19, 2016 12:07 pm

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CENSUS FINDINGS

Map ID	Tract Number	Total Population	Population in Radius	Total Area(sq.mi.)	Area in Radius(sq.mi.)
T1	6061.00	4246	686.8	2.02	0.33
T2	6060.00	4959	703.2	0.30	0.04
T3	6062.00	8107	8064.0	0.46	0.46
T4	6059.00	5579	3171.6	0.30	0.17
T5	6077.01	3954	2094.8	0.48	0.25
T6	6058.00	2640	96.4	0.47	0.02
T7	6063.00	4073	4073.0	0.39	0.39
T8	6064.00	4820	4820.0	0.36	0.36
T9	6077.02	2859	1883.1	0.24	0.16
T10	6078.00	3160	4.3	0.41	0.00
T11	6057.00	5273	269.3	3.10	0.16
T12	6076.00	3342	2146.0	0.50	0.32
T13	6065.00	3613	1403.6	0.55	0.21
T14	6066.00	3703	2146.6	0.43	0.25

RECEPTOR MAP - 4705144.2s



TARGET PROPERTY:	76 Service Station No. 6390	CUSTOMER:	Antea Group
ADDRESS:	402 South Delaware Street	CONTACT:	Regina Bussard
CITY/STATE/ZIP:	San Mateo CA 94402	INQUIRY #:	4705144.2s
LAT/LONG:	37.5659 / 122.3190	DATE:	August 19, 2016 12:09 pm

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MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
A1			SRHO20070011646
SSE	Hospital type:	01	AHA Hospitals
1/8-1/4 mi	Num of times COO:	00	
735	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	20040311	
	Medicare/Medicaid:	1	
	Facility name:	SUTTER VISITING NURSE ASSOCIAT	
	Intermediary/Carrier:	00454	
	Medicaid number:	[HHA08123F	
	Partcipation date:	20021001	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	058123	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	SF	
	street address:	700 S. CLAREMONT STREET, #220	
	Phone num:	6506852800	
	Termination reason:	00	
	Term Date:	Not Reported	
	Purpose of action:	2	
	Provider control:	02	
	Zip:	94402	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	0	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSOTHER	
	Edr id:	SRHO20070011646	

A2			SRHO20070008848
SSE	Hospital type:	01	AHA Hospitals
1/8-1/4 mi	Num of times COO:	00	
735	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	20021011	

Medicare/Medicaid:	1
Facility name:	SUTTER VISITING NURSE ASSOC & HOSPICE
Intermediary/Carrier:	00454
Medicaid number:	Not Reported
Partcipation date:	20021030
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	051752
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SJ
street address:	700 SOUTH CLAREMONT STREET, SUITE 220
Phone num:	6503431036
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	1
Provider control:	06
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070008848

A3 SRHO20070134051
SSE AHA Hospitals
1/8-1/4 mi
735
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	05D0880358
FMS survey date:	Not Reported
Current survey date:	19951017
Medicare/Medicaid:	1
Facility name:	VISITING NURSE ASSOC OF SAN MATEO COUN
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0597057
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported

state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	700 S CLAREMONT ST SUITE 220
Phone num:	4155732339
Termination reason:	01
Term Date:	19960403
Purpose of action:	2
Provider control:	02
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070134051

A4 SRHO20070010371
SSE AHA Hospitals
1/8-1/4 mi
735
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19860709
Medicare/Medicaid:	1
Facility name:	VNA OF SAN MATEO COUNTY INC
Intermediary/Carrier:	00040
Medicaid number:	Not Reported
Partcipation date:	19660701
Prior COO date:	Not Reported
Prior carrier:	00041
Provider ID:	057011
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	700 SOUTH CLAREMONT ST, SUITE 220
Phone num:	4155732340
Termination reason:	01
Term Date:	19970613
Purpose of action:	2
Provider control:	06
Zip:	94402
Fips state:	06

Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070010371

B5 SRDCCA200742124
NW Daycare
1/8-1/4 mi
866
Higher

EDR ID:	SRDCCA200742124
Facility number:	410509666
Facility name:	KINDERCOURT-INFANT
Facility eval. code:	0303
Facility office number:	05
Facility county number:	41
Facility type code:	830
Facility status code:	03
Address:	211 SO. DELAWARE
City:	SAN MATEO
State:	CA
Zip:	94403
Alt. address:	211 SO. DELAWARE
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"KINDERCOURT, INC. "
Licensee type:	D
License effective date:	930423
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	LICENSE TO SERVED AGES 0 - 2 YEARS OF AGE. HOURS OF OPERATION: 7:00 A.M. TO 6:00 P.M. MONDAY THRU FRIDAY
Original app. received date:	870204
Facility closed date:	Not Reported
Mailing address:	1225 GREENWOOD STREET
Mailing city:	SAN CARLOS
Mailing state:	CA
Mailing zip:	94070
Contact person:	"LEAVITT, RICHARD "
Facility capacity:	8
Type of clients served:	955
Facility phone:	6503446612

B6 SRDCCA200747741
NW Daycare
1/8-1/4 mi
866
Higher

EDR ID:	SRDCCA200747741
Facility number:	410503664
Facility name:	KINDERCOURT NO. 2
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850

Facility status code:	03
Address:	211 SO. DELAWARE
City:	SAN MATEO
State:	CA
Zip:	94402
Alt. address:	211 SO. DELAWARE
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"KINDERCOURT, INC. "
Licensee type:	A
License effective date:	940815
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	AMBULATORY ONLY. LICENSED TO SERVE AGES 2 - 5.9 YEARS.
Original app. received date:	800522
Facility closed date:	Not Reported
Mailing address:	1225 GREENWOOD STREET
Mailing city:	SAN CARLOS
Mailing state:	CA
Mailing zip:	94070
Contact person:	"LEAVITT, RICHARD "
Facility capacity:	30
Type of clients served:	950
Facility phone:	6503446612

7
NNW
1/8-1/4 mi
1018
Higher

SRDCCA200748399
Daycare

EDR ID:	SRDCCA200748399
Facility number:	410505762
Facility name:	INTERCOMMUNAL SURVIVAL SCHOOL
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	713 SECOND AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	713 SECOND AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"NORMA GIST CHILD DEVELOPMENT PROGRAM, INC. "
Licensee type:	C
License effective date:	930815
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	AMBULATORY ONLY. LICENSED TO SERVE AGES 2 1/2 - 6 YEARS.
Original app. received date:	840119
Facility closed date:	Not Reported
Mailing address:	713 SECOND AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401

Contact person:	"GILBERT, TRACY B. "	
Facility capacity:	29	
Type of clients served:	950	
Facility phone:	6503470463	

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8 SRDCCA200700344
NW EDR ID: SRDCCA200700344 Daycare
1/8-1/4 mi Facility number: 415600168
1221 Facility name: PROJECT INTERMISSION
Higher Facility eval. code: 1509
Facility office number: 14
Facility county number: 41
Facility type code: 730
Facility status code: 03
Address: 114 S. DELAWARE STREET
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: "720 SOUTH B STREET, SUITE 3 "
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "PROJECT NINETY, INC. "
Licensee type: C
License effective date: 990609
License expiration date: Not Reported
License issue date: 990609
Program type: MALES 14-17 YEARS OF AGE. AMBULATORY ONLY.
Original app. received date: 981203
Facility closed date: Not Reported
Mailing address: "720 SOUTH B STREET, SUITE 3 "
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "SABIN, MARC A. "
Facility capacity: 6
Type of clients served: 965
Facility phone: 6506969925

C9 SRHO20070107742
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
1531 Owner date: Not Reported
Higher City: SAN MATEO
Has plan of corr: 1
Compliance status: A
SSA county code: 510
Cross ref number: Not Reported
FMS survey date: Not Reported
Current survey date: 19960223
Medicare/Medicaid: 1
Facility name: OLSTEN KIMBERLY QUALITYCARE
Intermediary/Carrier: 00140
Medicaid number: Not Reported

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
	Partcipation date:	19941111	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	557513	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	SF	
	street address:	181 2ND AVE, STE 445	
	Phone num:	4155486940	
	Termination reason:	01	
	Term Date:	19980131	
	Purpose of action:	2	
	Provider control:	04	
	Zip:	94401	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	0	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSOTHER	
	Edr id:	SRHO20070107742	
C10			SRHO20070145006
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
1531	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	
	Medicare/Medicaid:	Not Reported	
	Facility name:	OLSTEN HEALTH SERVICES	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	19941006	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D0892833	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	LAB	
	street address:	181 2ND AVENUE STE 445	

Phone num:	4153429176
Termination reason:	12
Term Date:	19980131
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070145006

D11 SRHO20070156408
West AHA Hospitals
1/4-1/2 mi
1673
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20041202
Medicare/Medicaid:	1
Facility name:	DIAZ MEDICAL GROUP
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20000720
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0975890
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	100 SOUTH ELLSWORTH AVENUE SUITE #507
Phone num:	6504017799
Termination reason:	00
Term Date:	20070221
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported

Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070156408

D12 SRHO20070156714
West AHA Hospitals
1/4-1/2 mi
1673
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20040722
Medicare/Medicaid:	1
Facility name:	SUSAN WOLF MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20010823
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0990474
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	100 SOUTH ELLSWORTH AVENUE SUITE #707
Phone num:	6503481242
Termination reason:	00
Term Date:	20070416
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070156714

D13 SRHO20070134050
West AHA Hospitals
1/4-1/2 mi
1673
Higher

Hospital type:	01
Num of times COO:	00

Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	BRIAN HENDERSON MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930104
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0597028
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 SOUTH ELLSWORTH AVENUE SUITE 807
Phone num:	4153480893
Termination reason:	00
Term Date:	20071222
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070134050

D14 SRHO20070140696
West
1/4-1/2 mi
1673
Higher

AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19970901
Medicare/Medicaid:	1
Facility name:	JAMES G TAPPAN MD
Intermediary/Carrier:	Not Reported

Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0708482
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	100 SO ELLSWORTH 705
Phone num:	6503488681
Termination reason:	01
Term Date:	20060505
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070140696

D15 SRHO20070145569
West AHA Hospitals
1/4-1/2 mi
1673
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	UNIFIED MEDICAL CLINIC LAB SAN MATEO 3
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19950428
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0900538
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB

street address:	100 S ELLSWORTH SUITE 308
Phone num:	4153424561
Termination reason:	01
Term Date:	19970427
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070145569

D16 SRHO20070010837
West AHA Hospitals
1/4-1/2 mi
1673
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19890427
Medicare/Medicaid:	1
Facility name:	CENTER FOUR REHABILITATION AGENCY
Intermediary/Carrier:	00040
Medicaid number:	Not Reported
Partcipation date:	19781002
Prior COO date:	Not Reported
Prior carrier:	00041
Provider ID:	056510
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	100 S ELLSWORTH AVE-SUITE 605
Phone num:	4153432779
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	06
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B

Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSOTHER	
Edr id:	SRHO20070010837	

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17 SRDCCA200711875
NW EDR ID: SRDCCA200711875 Daycare
1/4-1/2 mi Facility number: 414000730
1834 Facility name: "ZUFFI, CHERYL A. "
Higher Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 2 S. DELAWARE STREET
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 2 S. DELAWARE STREET
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "ZUFFI, CHERYL A. "
Licensee type: A
License effective date: 990209
License expiration date: Not Reported
License issue date: 990209
Program type: **********INACTIVE LICENSE FROM 01/13/06 TO 01/13/07**********
Original app. received date: 990201
Facility closed date: Not Reported
Mailing address: 2 S. DELAWARE STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "ZUFFI, CHERYL A. "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6503440282

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18 SRHO20070133784
WNW Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
1858 Owner date: Not Reported
Higher City: SAN MATEO
Has plan of corr: Not Reported
Compliance status: A
SSA county code: 510
Cross ref number: Not Reported
FMS survey date: Not Reported
Current survey date: 20050513
Medicare/Medicaid: 1

Facility name:	BRUCE L MALTZ MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596807
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	280 BALDWIN AVE
Phone num:	6503441121
Termination reason:	00
Term Date:	20070917
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133784

19 SRDCCA200701815
NNW Daycare
1/4-1/2 mi
1878
Higher

EDR ID:	SRDCCA200701815
Facility number:	410506542
Facility name:	"WYNNE, DONNA MARIE & GREEN, DELLA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	718 CYPRESS
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	718 CYPRESS
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"WYNNE, DONNA MARIE & GREEN, DELLA "
Licensee type:	A
License effective date:	950616
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS ONLY (INFANT-CHILD UNDER 2 YRS OLD). "

Original app. received date:	860618
Facility closed date:	Not Reported
Mailing address:	718 CYPRESS AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"WYNNE, D.M. & GREEN, D. "
Facility capacity:	12
Type of clients served:	960
Facility phone:	6505793777

E20 SRHO20070153591
West AHA Hospitals
1/4-1/2 mi
1933
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	AMY DANIHER MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20010709
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0988766
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 S SAN MATEO DR STE 414
Phone num:	6506964403
Termination reason:	00
Term Date:	20070708
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070153591

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
E21			SRHO20070008073
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	01	
1933	Owner date:	19810915	
Higher	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	20050107	
	Medicare/Medicaid:	1	
	Facility name:	MILLS MEMORIAL HOSP	
	Intermediary/Carrier:	00040	
	Medicaid number:	Not Reported	
	Partcipation date:	19770801	
	Prior COO date:	Not Reported	
	Prior carrier:	00041	
	Provider ID:	052340	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	BK	
	street address:	100 S SAN MATEO DR	
	Phone num:	4156964931	
	Termination reason:	00	
	Term Date:	Not Reported	
	Purpose of action:	2	
	Provider control:	02	
	Zip:	94401	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSOTHER	
	Edr id:	SRHO20070008073	

E22			SRHO20070007766
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
1933	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	050007	
	FMS survey date:	Not Reported	
	Current survey date:	19920114	

Medicare/Medicaid:	1
Facility name:	MILLS HEALTH CENTER
Intermediary/Carrier:	00040
Medicaid number:	Not Reported
Partcipation date:	19660701
Prior COO date:	Not Reported
Prior carrier:	00041
Provider ID:	050302
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	100 S SAN MATEO DRIVE
Phone num:	4156964400
Termination reason:	01
Term Date:	19961101
Purpose of action:	2
Provider control:	03
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	19891028
Accred expire date:	19921028
Accred Org:	1
Num beds:	0274
Num cert beds:	0274
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070007766

E23
West
1/4-1/2 mi
1933
Higher

SRHO20070154879
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	JULIA ANN BILLINGTON MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20020718
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1001722
Record Status:	A
Region code:	09
Is Partial Record:	Y

state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 S SAN MATEO DRIVE #424
Phone num:	6506964440
Termination reason:	08
Term Date:	20060717
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070154879

E24 SRHO20070135190
West AHA Hospitals
1/4-1/2 mi
1933
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MILLS-PENINSULA HOSPITALS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921223
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0591084
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 S SAN MATEO DR
Phone num:	4156964573
Termination reason:	00
Term Date:	20070227
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06

Fips cnty:	081	
SSA MSA:	526	
SSA MSA size code:	B	
Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070135190	

E25 SRHO20070154464
West AHA Hospitals
1/4-1/2 mi
1933
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MILLS PENINSULA HEALTH SERVICES
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20020116
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0995352
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	100 SO SAN MATEO DRIVE
Phone num:	6506964191
Termination reason:	00
Term Date:	20080115
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070154464

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	EDR ID / Database

E26 — SRHO20070153105
West — AHA Hospitals
1/4-1/2 mi
1933
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	ULRIKE SUJANSKY
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19990728
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0963398
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 S SAN MATEO DRIVE SUITE 424
Phone num:	6506964440
Termination reason:	00
Term Date:	20070727
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070153105

E27 — SRHO20070151957
West — AHA Hospitals
1/4-1/2 mi
1933
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported

Medicare/Medicaid:	Not Reported
Facility name:	JEFFREY GUTTAS MD, INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19980527
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0946507
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 S SAN MATEO DR, #400
Phone num:	6506964100
Termination reason:	08
Term Date:	20040526
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070151957

E28 SRHO20070138167
West AHA Hospitals
1/4-1/2 mi
1933
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MILLS PENINSULA HOSPITALS RENAL SCVS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940416
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0695943
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported

state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	100 S SAN MATEO DRIVE
Phone num:	4156964629
Termination reason:	01
Term Date:	19950301
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070138167

29 SRDCCA200737472
ENE EDR ID: SRDCCA200737472 Daycare
1/4-1/2 mi Facility number: 414002075
1944 Facility name: "MCKINNEY, DANIELLE L. "
Higher Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 615 S. IDAHO STREET
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 615 S. IDAHO STREET
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "MCKINNEY, DANIELLE L. "
Licensee type: A
License effective date: 61128
License expiration date: Not Reported
License issue date: 061128
Program type: MAX. CAP(WHEN THERE IS AN ASSISTANT PRESENT): 12 - NO MORE THAN 4 INFANTS. CAP 14 - NO MORE THAN 3 INFANTS. 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6.
Original app. received date: 060526
Facility closed date: Not Reported
Mailing address: 615 S. IDAHO STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "MCKINNEY, DANIELLE L. "
Facility capacity: 14

	Type of clients served:	960
	Facility phone:	6503431021

E30 SRHO20070146313
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
1981 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	05D0687435
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	BAY AREA PEDIATRIC MED GRP INC-SM
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19960715
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0917296
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	123 SOUTH SAN MATEO DRIVE
Phone num:	6503434200
Termination reason:	00
Term Date:	20080714
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070146313

E31 SRHO20070139808
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2058 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported

SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	RICHARD T JORDAN MD/ERNEST F RIBERA MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930224
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0707082
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 SO SAN MATEO DR 330
Phone num:	4153401631
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070139808

E32
West
1/4-1/2 mi
2058
Higher

SRHO20070142866
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19951024
Medicare/Medicaid:	1
Facility name:	ABC PEDIATRICS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported

Provider ID:	05D0856176
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 SOUTH SAN MATEO DRIVE SUITE 260
Phone num:	4155796500
Termination reason:	00
Term Date:	20080802
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070142866

E33 — SRHO20070144416
West — AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	UNIFIED MEDICAL CLINIC LAB SAN MATEO
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19950428
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0900536
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 S SAN MATEO DRIVE #270
Phone num:	4153425211
Termination reason:	01
Term Date:	20011001

Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070144416

E34 SRHO20070138776
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20050426
Medicare/Medicaid:	1
Facility name:	PETER WEBB MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0675178
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 SOUTH SAN MATEO #350
Phone num:	6503423225
Termination reason:	00
Term Date:	20070912
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000

	Num cert beds:	0000
	Source:	US_HOSPITAL_POSCLIA
	Edr id:	SRHO20070138776

E35 SRHO20070153987
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2058 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	PENINSULA PEDIATRIC MEDICAL GROUP INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19980113
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0938703
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 S SAN MATEO DRIVE SUITE 180
Phone num:	6503424145
Termination reason:	00
Term Date:	20080112
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070153987

E36 SRHO20070153790
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2058 Owner date: Not Reported
Higher City: SAN MATEO
Has plan of corr: Not Reported

Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	HEIDI STROESSNER MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20010406
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0985074
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 S SAN MATEO DRIVE, SUITE 270
Phone num:	6503409981
Termination reason:	00
Term Date:	20070405
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070153790

E37 SRHO20070142523
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	BAY FAMILY MEDICAL GROUP
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930311
Prior COO date:	Not Reported

Prior carrier:	Not Reported
Provider ID:	05D0864238
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 SOUTH SAN MATEO DRIVE 230
Phone num:	4153480454
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070142523

E38 SRHO20070133929
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	KATZ & HAYNE MD INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930422
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596938
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 S SAN MATEO DR
Phone num:	4156961900
Termination reason:	01

Term Date:	20011222
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133929

E39 SRHO20070156247
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	ERNEST F RIBERA MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20021210
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1007191
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 SOUTH SAN MATEO DRIVE SUITE 330
Phone num:	6503426506
Termination reason:	00
Term Date:	20081209
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported

Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070156247	

E40 SRHO20070006048
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2058 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19961226
Medicare/Medicaid:	1
Facility name:	MID PENINSULA ENDOSCOPY CENTER
Intermediary/Carrier:	00542
Medicaid number:	Not Reported
Partcipation date:	19970127
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05C0001370
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	50 SOUTH SAN MATEO DRIVE SUITE 400
Phone num:	4153427432
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	1
Provider control:	01
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070006048

E41 SRHO20070139545
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2058 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	ANDREW C ENGLER MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930204
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0693384
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 S SAN MATEO DRIVE SUITE 100
Phone num:	4153434597
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070139545

E42
West
1/4-1/2 mi
2058
Higher

SRHO20070133782
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20050506
Medicare/Medicaid:	1
Facility name:	STANLEY YOUNG MD INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901

Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596786
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 SOUTH SAN MATEO DRIVE SUITE 480
Phone num:	6503428421
Termination reason:	01
Term Date:	20060701
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133782

E43 SRHO20070133901
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20050830
Medicare/Medicaid:	1
Facility name:	WERNER JU MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596816
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 SOUTH SAN MATEO DRIVE, MILLS MED ARTS #380
Phone num:	6503447546

Termination reason:	00
Term Date:	20080116
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133901

E44 SRHO20070133902
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	INTERNAL MEDICINE ASSOCIATES OF
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921224
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596819
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 S SAN MATEO DRIVE, #370
Phone num:	6503730920
Termination reason:	00
Term Date:	20071222
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site		EDR ID / Database
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070133902	

E45 — SRHO20070133654
West — AHA Hospitals
1/4-1/2 mi
2058
Higher

	Hospital type:	01
	Num of times COO:	00
	Owner date:	Not Reported
	City:	SAN MATEO
	Has plan of corr:	1
	Compliance status:	A
	SSA county code:	510
	Cross ref number:	Not Reported
	FMS survey date:	Not Reported
	Current survey date:	19961127
	Medicare/Medicaid:	1
	Facility name:	DR'S CANIDA & BERETTA
	Intermediary/Carrier:	Not Reported
	Medicaid number:	Not Reported
	Partcipation date:	19920901
	Prior COO date:	Not Reported
	Prior carrier:	Not Reported
	Provider ID:	05D0596755
	Record Status:	A
	Region code:	09
	Is Partial Record:	Not Reported
	state abbrev:	CA
	ssa state:	05
	state region cd:	M2
	street address:	50 S SAN MATEO DR, STE 420
	Phone num:	4153401714
	Termination reason:	00
	Term Date:	20070712
	Purpose of action:	2
	Provider control:	04
	Zip:	94401
	Fips state:	06
	Fips cnty:	081
	SSA MSA:	526
	SSA MSA size code:	B
	Date accredited:	Not Reported
	Accred expire date:	Not Reported
	Accred Org:	Not Reported
	Num beds:	0000
	Num cert beds:	0000
	Source:	US_HOSPITAL_POSCLIA
	Edr id:	SRHO20070133654

E46 — SRHO20070144598
West — AHA Hospitals
1/4-1/2 mi
2058
Higher

	Hospital type:	01
	Num of times COO:	00
	Owner date:	Not Reported

City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	STEVE CHEUNG MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940906
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0891331
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 S SAN MATEO DR #488
Phone num:	4153488693
Termination reason:	01
Term Date:	19951130
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070144598

E47
West
1/4-1/2 mi
2058
Higher

SRHO20070141239
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	SURGICAL ASSOCIATES OF THE PENINSULA
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported

Partcipation date:	19930301
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0715266
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 SOUTH SAN MATEO DR 360
Phone num:	4153429491
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070141239

E48 SRHO20070147121
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MID-PENINSULA ENDOSCOPY
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19960919
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0919937
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 SO SAN MATEO DRIVE #400

Phone num:	4153731970
Termination reason:	00
Term Date:	20080918
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070147121

E49 SRHO20070135720
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19950614
Medicare/Medicaid:	1
Facility name:	MERIS SAN MATEO
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0670388
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 SOUTH SAN MATEO DRIVE SUITE 110
Phone num:	4153480797
Termination reason:	01
Term Date:	19951201
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported

Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070135720

E50 SRHO20070137806
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19950419
Medicare/Medicaid:	1
Facility name:	MID PENINSULA PEDIATRICS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0678953
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	50 SOUTH SAN MATEO DRIVE 150
Phone num:	4153424145
Termination reason:	12
Term Date:	19950801
Purpose of action:	1
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070137806

E51 SRHO20070142196
West AHA Hospitals
1/4-1/2 mi
2058
Higher

Hospital type:	01
Num of times COO:	00

Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MARNA SKAAR
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930212
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0861768
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	50 SO SAN MATEO DR STE 280
Phone num:	4153425667
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070142196

F52 SRHO20070137551
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2065 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	AFTER HOUR PEDIATRICS
Intermediary/Carrier:	Not Reported

Medicaid number:	Not Reported
Partcipation date:	19921214
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0678929
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	210 BALDWIN AVENUE
Phone num:	4153796581
Termination reason:	08
Term Date:	19960831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070137551

F53 — SRHO20070160406
West — AHA Hospitals
1/4-1/2 mi
2065
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	PHYSICIAN FOUNDATION AT CPMC PEDIATRIC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20050311
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1038144
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2

street address:	210 BALDWIN AVENUE
Phone num:	4156004250
Termination reason:	00
Term Date:	20070310
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070160406

F54 SRHO20070143983
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MICHAEL P STEVENS MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930309
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0863587
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 S SAN MATEO DR 207
Phone num:	4153425667
Termination reason:	12
Term Date:	19970101
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B

Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070143983	

F55 SRHO20070155249
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	HILLSDALE EXTENDED CARE HOSPITAL
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20020214
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0996322
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 SOUTH SAN MATEO DRIVE 4TH FLOOR
Phone num:	6503446353
Termination reason:	00
Term Date:	20080213
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070155249

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
F56			SRHO20070153503
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
2086	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	
	Medicare/Medicaid:	Not Reported	
	Facility name:	JONATHAN G BRISKIN MD	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	20001228	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D0981506	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Y	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	LAB	
	street address:	101 S SAN MATEO DR STE 213	
	Phone num:	6503730170	
	Termination reason:	00	
	Term Date:	20081227	
	Purpose of action:	Not Reported	
	Provider control:	04	
	Zip:	94401	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070153503	

F57			SRHO20070133917
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
2086	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	19950125	

Medicare/Medicaid:	1
Facility name:	BAY OB-GYN MEDICAL GROUP INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596910
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	101 S SAN MATEO DR SUITE 115
Phone num:	4153479858
Termination reason:	00
Term Date:	20080203
Purpose of action:	1
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133917

F58
West
1/4-1/2 mi
2086
Higher

SRHO20070133918
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	BIOLOGICAL INFOMATION SYSTEMS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921229
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596915
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported

state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 S SAN MATEO DR
Phone num:	4153428323
Termination reason:	01
Term Date:	19940831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133918

F59 SRHO20070135976
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2086 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	WESTERN PATHOLOGY MED GRP-ORETGA ASOCS
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921222
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0643606
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 SOUTH SAN MATEO DRIVE SUITE 102
Phone num:	4156928693
Termination reason:	01
Term Date:	20021231
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06

Fips cnty:	081	
SSA MSA:	526	
SSA MSA size code:	B	
Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070135976	

F60 SRHO20070159775
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	C THOMAS O STODGEL MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20030626
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1014161
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 SO SAN MATEO DRIVE SUITE 112
Phone num:	6503447799
Termination reason:	00
Term Date:	20070625
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070159775

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database

F61 SRHO20070009450
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	03
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	555482
FMS survey date:	Not Reported
Current survey date:	19960415
Medicare/Medicaid:	1
Facility name:	MILLS MEMORIAL HOSPITAL SNF
Intermediary/Carrier:	00040
Medicaid number:	Not Reported
Partcipation date:	19680401
Prior COO date:	Not Reported
Prior carrier:	00041
Provider ID:	055766
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	101 S SAN MATEO DRIVE
Phone num:	4156964400
Termination reason:	07
Term Date:	19961101
Purpose of action:	2
Provider control:	05
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0093
Num cert beds:	0093
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070009450

F62 SRHO20070151569
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported

Medicare/Medicaid:	Not Reported
Facility name:	BIOPATHOLOGY SCIENCES MEDICAL CORPORAT
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19981215
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0954992
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 S SAN MATEO DR
Phone num:	6506964511
Termination reason:	08
Term Date:	19981216
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070151569

F63 SRHO20070150421
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	JOANN BLESSING-MOORE, MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19971203
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0936884
Record Status:	A
Region code:	09
Is Partial Record:	Y

state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 SOUTH SAN MATEO DRIVE, SUITE 311
Phone num:	6506888480
Termination reason:	08
Term Date:	20011202
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070150421

F64 SRHO20070139132
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	WILLIAM L SCHWARTZ MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940111
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0691789
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 SO SAN MATEO DR
Phone num:	4153428665
Termination reason:	15
Term Date:	19940831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06

Fips cnty:	081	
SSA MSA:	526	
SSA MSA size code:	B	
Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070139132	

F65 SRHO20070136389
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20041025
Medicare/Medicaid:	1
Facility name:	LABORATORY CORPORATION OF AMERICA
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0643702
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	101 SOUTH SAN MATEO DRIVE SUITE 107
Phone num:	6503445840
Termination reason:	01
Term Date:	20051114
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070136389

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
F66			SRHO20070133903
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
2086	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	
	Medicare/Medicaid:	Not Reported	
	Facility name:	MAURICE C COVEY MD	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	19921223	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D0596822	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	LAB	
	street address:	101 S SAN MATEO DR	
	Phone num:	4153472149	
	Termination reason:	12	
	Term Date:	19940831	
	Purpose of action:	Not Reported	
	Provider control:	04	
	Zip:	94401	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070133903	

F67			SRHO20070133769
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
2086	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	

Medicare/Medicaid:	Not Reported
Facility name:	JACK M BERNSTEIN MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19950616
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596783
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 S SAN MATEO DR, STE 100
Phone num:	4153427071
Termination reason:	08
Term Date:	20060831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133769

F68 SRHO20070142092
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	HEALY,HO, STEYER, MASSA, COSKEY, MD'S
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930309
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0863796
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported

state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 S SAN MATEO DRIVE SUITE 307
Phone num:	4153484184
Termination reason:	01
Term Date:	19980313
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070142092

F69 SRHO20070141764
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MICHAEL MCCLOUD MD A PROF CORPORATION
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930311
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0710863
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 SO SAN MATEO DR SUITE 215
Phone num:	4153878557
Termination reason:	17
Term Date:	19940831
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06

Fips cnty:	081	
SSA MSA:	526	
SSA MSA size code:	B	
Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070141764	

F70 SRHO20070153020
West AHA Hospitals
1/4-1/2 mi
2086
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	DONALD B JAFFE MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19980410
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0944333
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 S SN MATEO DR, STE 212
Phone num:	6503429242
Termination reason:	08
Term Date:	20040409
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070153020

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
F71			SRHO20070133783
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
2086	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	
	Medicare/Medicaid:	Not Reported	
	Facility name:	WILLIAM L SCHWARTZ MD	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	19930112	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D0596790	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	LAB	
	street address:	101 S SAN MATEO DRIVE	
	Phone num:	4153428665	
	Termination reason:	04	
	Term Date:	19940531	
	Purpose of action:	Not Reported	
	Provider control:	04	
	Zip:	94401	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070133783	

F72			SRHO20070133916
West	Hospital type:	01	AHA Hospitals
1/4-1/2 mi	Num of times COO:	00	
2086	Owner date:	Not Reported	
Higher	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	19940623	

Medicare/Medicaid:	1
Facility name:	BAY AREA UROLOGY MEDICAL GRP INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596905
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	101 S SAN MATEO DRIVE
Phone num:	4153487770
Termination reason:	00
Term Date:	20080810
Purpose of action:	1
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133916

73
SE
1/4-1/2 mi
2126
Higher

SRDCCA200735647
Daycare

EDR ID:	SRDCCA200735647	
Facility number:	414002024	
Facility name:	"ROTHENBERG, MELANIE M.	"
Facility eval. code:	0312	
Facility office number:	05	
Facility county number:	41	
Facility type code:	810	
Facility status code:	03	
Address:	1008 S. DELAWARE STREET	
City:	SAN MATEO	
State:	CA	
Zip:	94402	
Alt. address:	1008 S. DELAWARE STREET	
City:	SAN MATEO	
State:	CA	
Zip:	94402	
Facility investor:	"ROTHENBERG, MELANIE M.	"
Licensee type:	A	
License effective date:	60626	
License expiration date:	Not Reported	
License issue date:	060626	

Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 060306
Facility closed date: Not Reported
Mailing address: 1008 S. DELAWARE STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "ROTHENBERG, MELANIE M. "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6506381083

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74 SRDCCA200705261
NNW EDR ID: SRDCCA200705261 Daycare
1/4-1/2 mi Facility number: 410517956
2182 Facility name: "COOK, GWENDOLYN "
Higher Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 36 N. FREMONT STREET
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 36 N. FREMONT STREET
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "COOK, GWENDOLYN "
Licensee type: A
License effective date: 940530
License expiration date: Not Reported
License issue date: 910530
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS (INFANT MEANS A CHILD UNDER 2 YEARS OLD).
"
Original app. received date: 910102
Facility closed date: Not Reported
Mailing address: 36 N. FREMONT STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "COOK, GWENDOLYN "
Facility capacity: 12
Type of clients served: 960
Facility phone: 6503425043

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75 SRDCCA200755637
WSW EDR ID: SRDCCA200755637 Daycare
1/4-1/2 mi Facility number: 414001932
2184
Higher

Facility name:	FSA OF SMC-EARLY LEARNING CHILD DEVELOPMENT CENTER
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	24 SECOND AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	24 SECOND AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	FAMILY SERVICE AGENCY OF SAN MATEO COUNTY
Licensee type:	C
License effective date:	50803
License expiration date:	Not Reported
License issue date:	050803
Program type:	"LICENSED TO SERVE THE AGES 2 YRS TO 6 YRS, MONDAY THROUGH FRIDAY 7:00 AM TO 5:45 PM IN CLASS ROOM #1 & #2 AND GROSS MOTOR ROOM. PRESCHOOL IS AT THE 2ND FLOOR OF THE BUILDING. SEE CONDITIONAL "WAIVER FOR OUTDOOR SPACE.
Original app. received date:	050726
Facility closed date:	Not Reported
Mailing address:	24 SECOND AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"TORRES, ANN "
Facility capacity:	32
Type of clients served:	950
Facility phone:	6504034300

76
SW
1/4-1/2 mi
2267
Higher

SRHO20070145553
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	OLDER ADULTS CARE MANAGEMENT
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940607
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0887197
Record Status:	A
Region code:	09

Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	520 S EL CAMINO REAL STE 200
Phone num:	4153291411
Termination reason:	17
Term Date:	20000503
Purpose of action:	Not Reported
Provider control:	02
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070145553

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77 SRPU20071009807
SE Ncessch: 063492005917 Public Schools
1/4-1/2 mi Schname05: SUNNYBRAE ELEMENTARY
2323 Mstreet05: 1031 SOUTH DELAWARE ST.
Higher Mcity05: SAN MATEO

Mstate05:	CA
Mzip05:	94401
Mzip405:	Not Reported
Member05:	420
Phone05:	(650) 312-7599
Locale05:	2
Type05:	1
Level05:	1
Gslo05:	KG
Gshi05:	05
Edr id:	SRPU20071009807

G78 SRHO20070134049
WNW Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2403 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19930420
Medicare/Medicaid:	1
Facility name:	DIAGNOSTIC LABORATORIES
Intermediary/Carrier:	Not Reported

Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596983
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	34 NORTH SAN MATEO DR
Phone num:	4153436590
Termination reason:	12
Term Date:	19930421
Purpose of action:	1
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070134049

79
West
1/4-1/2 mi
2417
Higher

SRDCCA200750627
Daycare

EDR ID:	SRDCCA200750627
Facility number:	410500600
Facility name:	ST MATTHEW'S EPISCOPAL DAY SCHOOL
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	16 BALDWIN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	16 BALDWIN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"CHURCH OF ST MATTHEW'S PARISH, SAN MATEO, THE "
Licensee type:	C
License effective date:	930518
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	AMBULATORY ONLY. LICENSED TO SERVE AGES 2.0 TO 5.9 YEARS OLD. HOURS OF OPERATION: 8:00 A.M. TO 3:00 P.M.
Original app. received date:	Not Reported

Facility closed date:	Not Reported
Mailing address:	16 BALDWIN AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"SECREST, KAREN "
Facility capacity:	17
Type of clients served:	950
Facility phone:	6503425436

G80 SRHO20070139109
WNW AHA Hospitals
1/4-1/2 mi
2432
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	SAN MATEO PODIATRY GROUP
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921218
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0693074
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	38 N SAN MATEO DR
Phone num:	4153422420
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070139109

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database

G81 SRHO20070152781
WNW AHA Hospitals
1/4-1/2 mi
2437
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	LAWRENCE D LENHART, MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19980406
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0943933
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	39 N SAN MATEO DR, STE 1
Phone num:	6503426687
Termination reason:	00
Term Date:	20080405
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070152781

G82 SRHO20070145551
WNW AHA Hospitals
1/4-1/2 mi
2437
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported

Medicare/Medicaid:	Not Reported
Facility name:	RICHARD A WOO, D P M
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940601
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0886963
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	39 NORTH SAN MATEO DRIVE SUITE 4
Phone num:	4153470761
Termination reason:	08
Term Date:	19960531
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070145551

G83 SRHO20070158296
WNW AHA Hospitals
1/4-1/2 mi
2446
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	NIHON BAY CLINIC/MASAYASU KIHIRA MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20041229
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1035320
Record Status:	A
Region code:	09
Is Partial Record:	Y

state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	40 NORTH SAN MATEO DRIVE
Phone num:	6505580337
Termination reason:	00
Term Date:	20081228
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070158296

84 SRDCCA200718101
North EDR ID: SRDCCA200718101 Daycare
1/4-1/2 mi Facility number: 414001409
2520 Facility name: "DIAZ, MARIA BETTINA C. "
Higher Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	35 N. HUMBOLDT STREET
City:	SAN MATEO
State:	CA
Zip:	94402
Alt. address:	35 N. HUMBOLDT STREET
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"DIAZ, MARIA BETTINA C. "
Licensee type:	A
License effective date:	20819
License expiration date:	Not Reported
License issue date:	020819
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	020715
Facility closed date:	Not Reported
Mailing address:	35 N. HUMBOLDT STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94402
Contact person:	"DIAZ, MARIA BETTINA "
Facility capacity:	14

	Type of clients served:	960
	Facility phone:	6505792678

H85 SRHO20070153967
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2570 Owner date: Not Reported
Higher City: SAN MATEO
Has plan of corr: Not Reported
Compliance status: Not Reported
SSA county code: 510
Cross ref number: Not Reported
FMS survey date: Not Reported
Current survey date: Not Reported
Medicare/Medicaid: Not Reported
Facility name: BARRY J OBERSTEIN MD
Intermediary/Carrier: Not Reported
Medicaid number: Not Reported
Partcipation date: 19980407
Prior COO date: Not Reported
Prior carrier: Not Reported
Provider ID: 05D0943991
Record Status: A
Region code: 09
Is Partial Record: Y
state abbrev: CA
ssa state: 05
state region cd: LAB
street address: 36 SOUTH EL CAMINO REAL
Phone num: 6503409981
Termination reason: 08
Term Date: 20000406
Purpose of action: Not Reported
Provider control: 04
Zip: 94401
Fips state: 06
Fips cnty: 081
SSA MSA: 526
SSA MSA size code: B
Date accredited: Not Reported
Accred expire date: Not Reported
Accred Org: Not Reported
Num beds: 0000
Num cert beds: 0000
Source: US_HOSPITAL_POSCLIA
Edr id: SRHO20070153967

H86 SRHO20070005864
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2580 Owner date: Not Reported
Higher City: SAN MATEO
Has plan of corr: Not Reported
Compliance status: A

SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20020501
Medicare/Medicaid:	1
Facility name:	HOME PORTABLE X-RAY SERVICE
Intermediary/Carrier:	00542
Medicaid number:	Not Reported
Partcipation date:	19710701
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05X0009800
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	30 SOUTH EL CAMINO REAL, SUITE 109
Phone num:	6503431680
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	01
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070005864

I87 SRHO20070133768
West Hospital type: 01 AHA Hospitals
1/4-1/2 mi Num of times COO: 00
2631 Owner date: Not Reported
Higher City: SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	SABURO NAGUMO MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930303
Prior COO date:	Not Reported
Prior carrier:	Not Reported

Provider ID:	05D0596780
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	120 ST MATTHEWS AVE
Phone num:	4153426692
Termination reason:	04
Term Date:	19990930
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133768

J88
WNW
1/2-1 mi
2643
Higher

SRHO20070138908
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	LUCY M SCHMIDT MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930106
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0685659
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	77 N SAN MATEO DRIVE SUITE 3
Phone num:	4153444142
Termination reason:	00
Term Date:	20080831

Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070138908

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89 SRDCCA200735646
North 1/2-1 mi 2647 Lower Daycare

EDR ID:	SRDCCA200735646
Facility number:	414002023
Facility name:	"ROSALES, JACQUELINE I. "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	"922 NORTH IDAHO STREET, #1 "
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	"922 NORTH IDAHO STREET, #1 "
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"ROSALES, JACQUELINE I. "
Licensee type:	A
License effective date:	60822
License expiration date:	Not Reported
License issue date:	060822
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	060306
Facility closed date:	Not Reported
Mailing address:	"922 NORTH IDAHO STREET, #1 "
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"ROSALES, JACQUELINE I. "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503436228

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90 SRPR20051022250
SSW 1/2-1 mi 2653 Higher Private Schools

Pss school id:	00073126
Pss inst:	ST MATTHEW CATHOLIC SCHOOL

Lograde:	K
Higrade:	8
Pss address:	910 S EL CAMINO REAL
Pss city:	SAN MATEO
Pss county no:	081
Pss county fips:	06081
Pss stabb:	CA
Pss fips:	06
Pss zip5:	94402
Pss phone:	6503431373
Pss sch days:	180
Pss stu day hrs:	6
Pss library:	Yes
Pss enroll ug:	Not Reported
Pss enroll pk:	Not Reported
Pss enroll k:	58
Pss enroll 1:	70
Pss enroll 2:	70
Pss enroll 3:	70
Pss enroll 4:	73
Pss enroll 5:	66
Pss enroll 6:	64
Pss enroll 7:	70
Pss enroll 8:	70
Pss enroll 9:	Not Reported
Pss enroll 10:	Not Reported
Pss enroll 11:	Not Reported
Pss enroll 12:	Not Reported
Pss enroll t:	611
Pss enroll tk12:	611
Pss race ai:	0
Pss race as:	166
Pss race h:	85
Pss race b:	4
Pss race w:	356
Pss fte teach:	24.5
Pss locale:	2
Pss coed:	1
Pss type:	1
Pss level:	1
Pss relig:	1
Pss comm type:	1
Pss indian pct:	0
Pss asian pct:	27.17
Pss hisp pct:	13.91
Pss black pct:	0.65
Pss white pct:	58.27
Pss stdtch rt:	24.94
Pss orient:	1
Pss county name:	SAN MATEO
Pss assoc 1:	National Catholic Educational Association (NCEA)
Pss assoc 2:	Not Reported
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported

Pss assoc 7:	Not Reported	
Source:	NCESDATA_E72D09B4	
Edr id:	SRPR20051022250	

I91 SRHO20070004645
West AHA Hospitals
1/2-1 mi
2686
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20020712
Medicare/Medicaid:	1
Facility name:	ABJ SURGERY CENTER, INC
Intermediary/Carrier:	00542
Medicaid number:	Not Reported
Partcipation date:	20001120
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05C0001483
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	104 ST MATTHEWS AVENUE
Phone num:	6503488600
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	01
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	0
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070004645

H92 SRHO20070155537
West AHA Hospitals
1/2-1 mi
2687
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported

Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	ADRIENNE M SOUDERS MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20020930
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1004503
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	1 BAYWOOD AVE SUITE 5
Phone num:	6503757706
Termination reason:	00
Term Date:	20080929
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070155537

H93
West
1/2-1 mi
2687
Higher

SRHO20070138578
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	DAVID KAWANO MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930115
Prior COO date:	Not Reported

Prior carrier:	Not Reported
Provider ID:	05D0696117
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	1 BAYWOOD AVE 6
Phone num:	6503488676
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070138578

H94
West
1/2-1 mi
2687
Higher

SRHO20070139026
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	RICHARD YOUNG MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19921216
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0698586
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	ONE BAYWOOD AVE SUITE 10
Phone num:	4153422974
Termination reason:	00

Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070139026

H95
West
1/2-1 mi
2687
Higher

SRHO20070149463
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	TOMMY KUO MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19970825
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0932657
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	ONE BAYWOOD AVENUE #8
Phone num:	6503487375
Termination reason:	00
Term Date:	20070824
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported

Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070149463	

H96 SRHO20070145110
West AHA Hospitals
1/2-1 mi
2687
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	NORTH COUNTY FAMILY MEDICAL CLINIC EXT
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930609
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0871980
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	ONE BAYWOOD STE 1
Phone num:	4156520775
Termination reason:	17
Term Date:	19950608
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070145110

H97 SRHO20070157087
West AHA Hospitals
1/2-1 mi
2687
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	GARY HUEY MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20040112
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1021086
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	1 BAYWOOD AVENUE SUITE 9
Phone num:	6503737808
Termination reason:	00
Term Date:	20080111
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070157087

H98 SRHO20070144951
West
1/2-1 mi
2687
Higher

AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	NORTH COUNTY FAMILY MEDICAL CLINIC GAR
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930609

Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0871975
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	#1 BAYWOOD STE #1
Phone num:	4153499974
Termination reason:	12
Term Date:	19941016
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070144951

H99
West
1/2-1 mi
2687
Higher

SRHO20070156279
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	DINA M SVERDLOV MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20000526
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0974111
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	1 BAYWOOD AVENUE , #4
Phone num:	6503438512

Termination reason:	00
Term Date:	20080525
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070156279

H100 SRHO20070138461
West AHA Hospitals
1/2-1 mi
2687
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	SUE K ARAKAKI MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930428
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0700265
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	1 BAYWOOD AVE #2
Phone num:	4153482111
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported

	Accred Org:	Not Reported
	Num beds:	0000
	Num cert beds:	0000
	Source:	US_HOSPITAL_POSCLIA
	Edr id:	SRHO20070138461

J101 SRHO20070133785
WNW AHA Hospitals
1/2-1 mi
2690
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	JAMES L HUTCHINSON MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930325
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596812
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	72 N SAN MATEO DR
Phone num:	4153445323
Termination reason:	08
Term Date:	20060831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133785

I102 SRHO20070140508
West AHA Hospitals
1/2-1 mi
2694
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported

City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	MERVYN J COVEY MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930329
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0702044
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	111 ST MATTHEWS #1
Phone num:	4153426902
Termination reason:	04
Term Date:	19970331
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070140508

K103
WNW
1/2-1 mi
2697
Higher

SRDCCA200742240
Daycare

EDR ID:	SRDCCA200742240
Facility number:	410517337
Facility name:	FSA OF SMC-COMMUNITY INFANT/TODDLER CENTER
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	830
Facility status code:	03
Address:	225 TILTON AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	24 SECOND AVENUE
City:	SAN MATEO

State: CA
Zip: 94401
Facility investor: FAMILY SERVICE AGENCY OF SAN MATEO COUNTY
Licensee type: C
License effective date: 950128
License expiration date: Not Reported
License issue date: 890524
Program type: "COMBINATION CENTER - LICENSED TO SERVE 0 MONTHS - 2 YEARS.
DAYS AND HOURS OF OPERATION: MONDAY - FRIDAY, 7:00 AM - 6:00 PM.
SEE PRESCHOOL LICENSE AND PLAYGROUND WAIVER.
"
Original app. received date: 890202
Facility closed date: Not Reported
Mailing address: 24 SECOND AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "ESPINAL, MARISA "
Facility capacity: 12
Type of clients served: 955
Facility phone: 6503473177

K104
WNW
1/2-1 mi
2697
Higher

SRDCCA200747155
Daycare

EDR ID: SRDCCA200747155
Facility number: 410503390
Facility name: FSA OF SMC-COMMUNITY INFANT/TODDLER CTR-PRESCHOOL
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 03
Address: 225 TILTON
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 24 SECOND AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: FAMILY SERVICE AGENCY OF SAN MATEO COUNTY
Licensee type: C
License effective date: 950128
License expiration date: Not Reported
License issue date: Not Reported
Program type: LICENSED TO SERVE AGES 2 YEARS OLD TO 6 YEARS OLD.
DAYS AND HOURS OF OPERATION: 6:30 AM - 7:00 PM IN ROOMS 1 AND 2.
Original app. received date: 790522
Facility closed date: Not Reported
Mailing address: 24 SECOND AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "ESPINAL, MARISA "
Facility capacity: 16
Type of clients served: 950

Facility phone: 6503473177

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105 SRDCCA200730594
SE EDR ID: SRDCCA200730594 Daycare
1/2-1 mi Facility number: 414001881
2782 Facility name: "BAZZANI, CAROL M. & MEGHAN J. "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1105 S. DELAWARE STREET
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 1105 S. DELAWARE STREET
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "BAZZANI, CAROL M. & MEGHAN J. "
Licensee type: A
License effective date: 50511
License expiration date: Not Reported
License issue date: 050511
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 050304
Facility closed date: Not Reported
Mailing address: 1105 S. DELAWARE STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "BAZZANI, CAROL & MEGHAN "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6509060404

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106 SRDCCA200727571
NNW EDR ID: SRDCCA200727571 Daycare
1/2-1 mi Facility number: 414001859
2789 Facility name: "CRUMB, LOTTIE MAE "
Higher Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 156 N. ELDORADO STREET
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 156 N. ELDORADO STREET
City: SAN MATEO
State: CA

Zip:	94401
Facility investor:	"CRUMB, LOTTIE MAE "
Licensee type:	A
License effective date:	50310
License expiration date:	Not Reported
License issue date:	050310
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	050203
Facility closed date:	Not Reported
Mailing address:	156 N. ELDORADO STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"CRUMB, LOTTIE MAE "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6505481130

J107 SRHO20070145503
WNW AHA Hospitals
1/2-1 mi
2794
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	HAROLD S DENNIS MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930506
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0867831
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	101 N SAN MATEO DRIVE
Phone num:	4153427011
Termination reason:	15
Term Date:	19940831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526

SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070145503

L108 SRHO20070139358
West AHA Hospitals
1/2-1 mi
2896
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19950331
Medicare/Medicaid:	1
Facility name:	MULLIKIN MEDICAL CENTER
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0687435
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	29 BAYWOOD AVE STE 1
Phone num:	4153434200
Termination reason:	01
Term Date:	19950614
Purpose of action:	1
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070139358

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
L109 West 1/2-1 mi 2896 Higher			SRHO20070141922 AHA Hospitals
	Hospital type:	01	
	Num of times COO:	00	
	Owner date:	Not Reported	
	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	19950303	
	Medicare/Medicaid:	1	
	Facility name:	ARTHUR F GALLA MD	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	19920901	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D0862792	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Not Reported	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	M2	
	street address:	29 BAYWOOD AVE	
	Phone num:	4153424200	
	Termination reason:	12	
	Term Date:	19960220	
	Purpose of action:	1	
	Provider control:	04	
	Zip:	94402	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070141922	
L110 West 1/2-1 mi 2896 Higher			SRHO20070153801 AHA Hospitals
	Hospital type:	01	
	Num of times COO:	00	
	Owner date:	Not Reported	
	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	05D0917296	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	

Medicare/Medicaid:	Not Reported
Facility name:	BAY AREA PEDIATRIC SAN MATEO
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19980410
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0944391
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	29 BAYWOOD AVENUE
Phone num:	6503434200
Termination reason:	16
Term Date:	19980411
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070153801

M111
South
1/2-1 mi
2946
Higher

SRDCCA200755274
Daycare

EDR ID:	SRDCCA200755274
Facility number:	414002092
Facility name:	CENTENNIAL MONTESSORI SCHOOL
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	27 TENTH AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	111 PEPPER DRIVE
City:	LOS ALTOS
State:	CA
Zip:	94022
Facility investor:	CENTENNIAL MONTESSORI INC.
Licensee type:	D
License effective date:	60907
License expiration date:	Not Reported
License issue date:	060907

Program type:	"PRESCHOOL PROGRAM WITH TODDLER OPTION PROGRAM FOR 10 CHILDREN. PRESCHOOL DAYS AND HOURS OF OPERATION: MONDAY - FRIDAY, 8:40AM - 4:00PM, OPERATES IN MAIN BLDG/HOUSE. TODDLER OPTION: MONDAY - ""WEDNESDAY, 9:00AM - 11:30AM, OPERATES IN COTTAGE. "
Original app. received date:	060830
Facility closed date:	Not Reported
Mailing address:	111 PEPPER DRIVE
Mailing city:	LOS ALTOS
Mailing state:	CA
Mailing zip:	94022
Contact person:	"NANAYAKKARA, VARUNI "
Facility capacity:	54
Type of clients served:	950
Facility phone:	6503401230

M112
South
1/2-1 mi
2946
Higher

SRPR20051022384
Private Schools

Pss school id:	K9500130
Pss inst:	NEIGHBORHOOD MONTESSORI SCHOOL
Lograde:	PK
Higrade:	K
Pss address:	27 10TH AVENUE
Pss city:	SAN MATEO
Pss county no:	081
Pss county fips:	06081
Pss stabb:	CA
Pss fips:	06
Pss zip5:	94401
Pss phone:	6503438482
Pss sch days:	166
Pss stu day hrs:	Not Reported
Pss library:	Yes
Pss enroll ug:	Not Reported
Pss enroll pk:	68
Pss enroll k:	6
Pss enroll 1:	Not Reported
Pss enroll 2:	Not Reported
Pss enroll 3:	Not Reported
Pss enroll 4:	Not Reported
Pss enroll 5:	Not Reported
Pss enroll 6:	Not Reported
Pss enroll 7:	Not Reported
Pss enroll 8:	Not Reported
Pss enroll 9:	Not Reported
Pss enroll 10:	Not Reported
Pss enroll 11:	Not Reported
Pss enroll 12:	Not Reported
Pss enroll t:	74
Pss enroll tk12:	6
Pss race ai:	0
Pss race as:	0
Pss race h:	0
Pss race b:	0
Pss race w:	6
Pss fte teach:	1

Pss locale:	2
Pss coed:	1
Pss type:	2
Pss level:	1
Pss relig:	3
Pss comm type:	1
Pss indian pct:	0
Pss asian pct:	0
Pss hisp pct:	0
Pss black pct:	0
Pss white pct:	100
Pss stdtch rt:	6
Pss orient:	29
Pss county name:	SAN MATEO
Pss assoc 1:	Other Montessori association(s)
Pss assoc 2:	National Association for the Education of Young Children (NAEYC)
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported
Pss assoc 7:	Not Reported
Source:	NCESDATA_E72D09B4
Edr id:	SRPR20051022384

113
SE
1/2-1 mi
2951
Lower

SRDCCA200702400
Daycare

EDR ID:	SRDCCA200702400
Facility number:	410517775
Facility name:	"FESINMEYER, KATHLEEN & STEPHEN "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	610 MAGNOLIA
City:	SAN MATEO
State:	CA
Zip:	94402
Alt. address:	610 MAGNOLIA
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"FESINMEYER, KATHLEEN & STEPHEN "
Licensee type:	A
License effective date:	930730
License expiration date:	Not Reported
License issue date:	900730
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS. (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date:	900612
Facility closed date:	Not Reported
Mailing address:	610 MAGNOLIA
Mailing city:	SAN MATEO
Mailing state:	CA

Mailing zip:	94402	
Contact person:	"FESINMEYER, KATHLEEN "	
Facility capacity:	12	
Type of clients served:	960	
Facility phone:	6505259323	

L114 SRHO20070140307
West
1/2-1 mi
2968
Higher AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20060524
Medicare/Medicaid:	1
Facility name:	HENRY H HAMILTON MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0713721
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	35 BAYWOOD AVENUE, #1
Phone num:	6503751800
Termination reason:	00
Term Date:	20080623
Purpose of action:	2
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070140307

L115 SRHO20070148245
West
1/2-1 mi
2968
Higher AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported

City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	OFFICE OF STANLEY D LEVINE MD INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930518
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0868945
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	35 BAYWOOD AVE #3L SUITE D
Phone num:	4153435693
Termination reason:	04
Term Date:	19940412
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070148245

116
NNW
1/2-1 mi
2980
Higher

SRDCCA200702658
Daycare

EDR ID:	SRDCCA200702658
Facility number:	410504410
Facility name:	"HOLLANDS, MYSIE "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	147 NORTH FREMONT ST.
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	147 NORTH FREMONT ST.
City:	SAN MATEO

State: CA
Zip: 94401
Facility investor: "HOLLANDS, MYSIE "
Licensee type: A
License effective date: 940611
License expiration date: Not Reported
License issue date: Not Reported
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10YEARS OF AGE, WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS ONLY(INFANT MEANS A CHILD UNDER 2 YEARS OLD).
"
Original app. received date: 821101
Facility closed date: Not Reported
Mailing address: 147 NORTH FREMONT ST.
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "HOLLANDS, MYSIE "
Facility capacity: 12
Type of clients served: 960
Facility phone: 6503485152

117
ENE
1/2-1 mi
2999
Lower

SRDCCA200700805
Daycare

EDR ID: SRDCCA200700805
Facility number: 415600238
Facility name: TRACEY'S PLACE OF HOPE
Facility eval. code: 1509
Facility office number: 14
Facility county number: 41
Facility type code: 730
Facility status code: 03
Address: 708 PATRICIA AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 1450 CHAPIN AVENUE
City: BURLINGAME
State: CA
Zip: 94401
Facility investor: WOMEN'S RECOVERY ASSOCIATION
Licensee type: C
License effective date: 1212
License expiration date: Not Reported
License issue date: 001212
Program type: "AGE RANGE 6-18 YEARS. PREFERS FEMALES 14-18 YEARS OF AGE, AMBULATORY ONLY.
"
Original app. received date: 000830
Facility closed date: Not Reported
Mailing address: 1450 CHAPIN AVENUE
Mailing city: BURLINGAME
Mailing state: CA
Mailing zip: 94401
Contact person: "CARLSON, LINDA "
Facility capacity: 6

	Type of clients served:	950
	Facility phone:	6503486603

N118 SRHO20070133770
WNW AHA Hospitals
1/2-1 mi
3004
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	A M BROOKS MD C R ZIPKIN MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930115
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0596785
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	121 N SAN MATEO DR
Phone num:	4153427432
Termination reason:	08
Term Date:	20040831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070133770

O119 SRHO20070108732
ENE AHA Hospitals
1/2-1 mi
3016
Lower

Hospital type:	02
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A

SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20061023
Medicare/Medicaid:	1
Facility name:	JAMES COURT MANOR ICF/DDH
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19980226
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	55G181
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	1316 JAMES COURT
Phone num:	6503477619
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070108732

N120
WNW
1/2-1 mi
3100
Higher

SRHO20070140955
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	ANDREW D CHIGOS MD INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930119
Prior COO date:	Not Reported
Prior carrier:	Not Reported

Provider ID:	05D0716802
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	136 NORTH SAN MATEO DR #101
Phone num:	4155794433
Termination reason:	01
Term Date:	19960612
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070140955

O121 SRDCCA200701096
ENE
1/2-1 mi
3128
Lower

EDR ID:	SRDCCA200701096
Facility number:	415650001
Facility name:	TRICIA'S HOME
Facility eval. code:	1509
Facility office number:	14
Facility county number:	41
Facility type code:	730
Facility status code:	03
Address:	824 PATRICIA AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	824 PATRICIA AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"PATRICIA HOME, INC. "
Licensee type:	D
License effective date:	40202
License expiration date:	Not Reported
License issue date:	040202
Program type:	LICENSED TO SERVE AGES 6-17. FOUR MAY BE NON-AMBULATORY. SERVES DEVELOPMENTALLY DISABLED CLIENTS.
Original app. received date:	030513
Facility closed date:	Not Reported
Mailing address:	824 PATRICIA AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA

Daycare

Mailing zip:	94401
Contact person:	"ANCHETA, ADORA "
Facility capacity:	6
Type of clients served:	950
Facility phone:	6503445758

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122 SRDCCA200744863
NNE EDR ID: SRDCCA200744863 Daycare
1/2-1 mi Facility number: 410509709
3207 Facility name: EARLY BIRD PRESCHOOL
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	120 LINDBERGH STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	120 A. LINDBERGH STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"MOHTASHAM, HAMIDEH "
Licensee type:	B
License effective date:	930924
License expiration date:	Not Reported
License issue date:	870924
Program type:	"LICENSED TO SERVE AGES 2- 5 YEARS OLD. HOURS OF OPERATION: MONDAY - FRIDAY, 7:00 AM - 6:00 PM. "
Original app. received date:	870607
Facility closed date:	Not Reported
Mailing address:	120 A. LINDBERGH STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"MOHTASHAM, HAMIDEH "
Facility capacity:	34
Type of clients served:	950
Facility phone:	6503448295

P123 SRDCCA200752439
NNE EDR ID: SRDCCA200752439 Daycare
1/2-1 mi Facility number: 410518991
3208 Facility name: SAN MATEO-FOSTER CITY SCHL. DIST.-NORTH SHOREVIEW
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	1301 CYPRESS AVENUE
City:	SAN MATEO
State:	CA

Zip:	94401	
Alt. address:	51 WEST 41ST AVENUE	
City:	SAN MATEO	
State:	CA	
Zip:	94403	
Facility investor:	SAN MATEO-FOSTER CITY SCHOOL DIST. (C. SHREWSBURY)	
Licensee type:	F	
License effective date:	941205	
License expiration date:	Not Reported	
License issue date:	941205	
Program type:	HOURS OF OPERATION: MONDAY - FRIDAY 8:00 A.M. - 3:00 P.M.	
Original app. received date:	940819	
Facility closed date:	Not Reported	
Mailing address:	51 WEST 41ST AVENUE	
Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94403	
Contact person:	"STEWART, BESSIE "	
Facility capacity:	24	
Type of clients served:	950	
Facility phone:	6503127588	

P124 SRPU20071009804
NNE Ncessch: 063492005914 Public Schools
1/2-1 mi Schname05: NORTH SHOREVIEW ELEMENTARY
3208 Mstreet05: 1301 CYPRESS AVE.
Lower Mcity05: SAN MATEO
Mstate05: CA
Mzip05: 94401
Mzip405: 2007
Member05: 278
Phone05: (650) 312-7588
Locale05: 2
Type05: 1
Level05: 1
Gslo05: KG
Gshi05: 05
Edr id: SRPU20071009804

125 SRDCCA200701355
WNW EDR ID: SRDCCA200701355 Daycare
1/2-1 mi Facility number: 415650011
3224 Facility name: INTERMISSION HOUSE THREE
Higher Facility eval. code: 1509
Facility office number: 14
Facility county number: 41
Facility type code: 730
Facility status code: 04
Address: 137 ELM
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 720 SOUTH B STREET
City: SAN MATEO

State:	CA
Zip:	94401
Facility investor:	"PROJECT NINETY, INC "
Licensee type:	C
License effective date:	60328
License expiration date:	070927
License issue date:	060328
Program type:	FACILITY LICENSED TO SERVE AGES 6-17. ALL MUST BE AMBUALTORY.
Original app. received date:	050725
Facility closed date:	Not Reported
Mailing address:	720 SOUTH B STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"SIMMONS, JAMES "
Facility capacity:	6
Type of clients served:	950
Facility phone:	6506969925

Q126
ENE
1/2-1 mi
3289
Lower

SRDCCA200709794
Daycare

EDR ID:	SRDCCA200709794
Facility number:	414000537
Facility name:	"VILCHEZ, CIRIA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	717 HOWE STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	717 HOWE STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"VILCHEZ, CIRIA "
Licensee type:	A
License effective date:	980210
License expiration date:	Not Reported
License issue date:	980210
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	971222
Facility closed date:	Not Reported
Mailing address:	717 HOWE STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"VILCHEZ, CIRIA "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503429266

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
Q127 ENE 1/2-1 mi 3295 Lower			SRHO20070157325 AHA Hospitals
	Hospital type:	01	
	Num of times COO:	00	
	Owner date:	Not Reported	
	City:	SAN MATEO	
	Has plan of corr:	Not Reported	
	Compliance status:	Not Reported	
	SSA county code:	510	
	Cross ref number:	Not Reported	
	FMS survey date:	Not Reported	
	Current survey date:	Not Reported	
	Medicare/Medicaid:	Not Reported	
	Facility name:	DAKOTA ICF/DDH	
	Intermediary/Carrier:	Not Reported	
	Medicaid number:	Not Reported	
	Partcipation date:	20040922	
	Prior COO date:	Not Reported	
	Prior carrier:	Not Reported	
	Provider ID:	05D1031044	
	Record Status:	A	
	Region code:	09	
	Is Partial Record:	Y	
	state abbrev:	CA	
	ssa state:	05	
	state region cd:	M2	
	street address:	1433 DAKOTA AVE	
	Phone num:	6506854779	
	Termination reason:	00	
	Term Date:	20080921	
	Purpose of action:	Not Reported	
	Provider control:	04	
	Zip:	94401	
	Fips state:	06	
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0000	
	Num cert beds:	0000	
	Source:	US_HOSPITAL_POSCLIA	
	Edr id:	SRHO20070157325	
Q128 ENE 1/2-1 mi 3295 Lower			SRHO20070107405 AHA Hospitals
	Hospital type:	02	
	Num of times COO:	00	
	Owner date:	Not Reported	
	City:	SAN MATEO	
	Has plan of corr:	1	
	Compliance status:	A	
	SSA county code:	510	
	Cross ref number:	05G774	
	FMS survey date:	Not Reported	
	Current survey date:	20060731	

Medicare/Medicaid:	1
Facility name:	DAKOTA ICF/DD-H
Intermediary/Carrier:	Not Reported
Medicaid number:	LTC60389H
Partcipation date:	19980217
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	55G268
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	1433 DAKOTA AVENUE
Phone num:	6506854779
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070107405

Q129
ENE
1/2-1 mi
3295
Lower

SRHO20070007696
AHA Hospitals

Hospital type:	02
Num of times COO:	02
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	480
Cross ref number:	55G268
FMS survey date:	Not Reported
Current survey date:	19971117
Medicare/Medicaid:	1
Facility name:	DAKOTA ICF DD-H
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940625
Prior COO date:	19971216
Prior carrier:	Not Reported
Provider ID:	05G774
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported

state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	1433 DAKOTA AVENUE
Phone num:	4153346527
Termination reason:	01
Term Date:	19991130
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	075
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070007696

R130
WNW
1/2-1 mi
3385
Higher

SRHO20070141889
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	JAMES P LAUMOND MD INC
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19930121
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0859764
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	201 N SAN MATEO DR
Phone num:	4153421732
Termination reason:	08
Term Date:	19930123
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06

Fips cnty:	081	
SSA MSA:	526	
SSA MSA size code:	B	
Date accredited:	Not Reported	
Accred expire date:	Not Reported	
Accred Org:	Not Reported	
Num beds:	0000	
Num cert beds:	0000	
Source:	US_HOSPITAL_POSCLIA	
Edr id:	SRHO20070141889	

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131 SRDCCA200735645
SSE Daycare
1/2-1 mi
3434
Higher

EDR ID:	SRDCCA200735645
Facility number:	414002022
Facility name:	"GIOMETTI, JULIE ANN "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	115 THIRTEEN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94402
Alt. address:	115 THIRTEEN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"GIOMETTI, JULIE ANN "
Licensee type:	A
License effective date:	70109
License expiration date:	Not Reported
License issue date:	070109
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	060412
Facility closed date:	Not Reported
Mailing address:	115 THIRTEEN AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94402
Contact person:	"GIOMETTI, JULIE ANN "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503720740

R132 SRHO20070134763
WNW AHA Hospitals
1/2-1 mi
3461
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	A

SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20060301
Medicare/Medicaid:	1
Facility name:	THOMAS G MUNYON MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19920901
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0592108
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	215 NORTH SAN MATEO DRIVE SUITE 1
Phone num:	6503684007
Termination reason:	00
Term Date:	20080606
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070134763

133
SSW
1/2-1 mi
3470
Higher

SRDCCA200723709
Daycare

EDR ID:	SRDCCA200723709	
Facility number:	414001623	
Facility name:	"JUNIO, WILHELMINA REINARES	"
Facility eval. code:	0312	
Facility office number:	05	
Facility county number:	41	
Facility type code:	810	
Facility status code:	03	
Address:	125 ARAGON BLVD.	
City:	SAN MATEO	
State:	CA	
Zip:	94402	
Alt. address:	125 ARAGON BLVD.	
City:	SAN MATEO	
State:	CA	
Zip:	94402	
Facility investor:	"JUNIO, WILHELMINA REINARES	"

Licensee type: A
License effective date: 30917
License expiration date: Not Reported
License issue date: 030917
Program type: "MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 030819
Facility closed date: Not Reported
Mailing address: 125 ARAGON BLVD.
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "JUNIO, WILHELMINA REINARES"
Facility capacity: 8
Type of clients served: 960
Facility phone: 6506850587

134
ENE
1/2-1 mi
3527
Lower

SRDCCA200714386
Daycare

EDR ID: SRDCCA200714386
Facility number: 414001191
Facility name: "BHANOT, VIDEH AND RAMAN "
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1432 NEWBRIDGE AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 1432 NEWBRIDGE AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "BHANOT, VIDEH AND RAMAN "
Licensee type: A
License effective date: 11005
License expiration date: Not Reported
License issue date: 011005
Program type: "MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 010514
Facility closed date: Not Reported
Mailing address: 1432 NEWBRIDGE AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "BHANOT, VIDEH "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6503430943

135 SRDCCA200735781
NNW EDR ID: SRDCCA200735781 Daycare
1/2-1 mi Facility number: 414002040
3558 Facility name: "BALANCIER, BRIANA N. "
Lower Facility eval. code: 0303
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 231 N. HUMBOLDT STREET
City: SAN MATEO
State: CA
Zip: 94403
Alt. address: 231 N. HUMBOLDT STREET
City: SAN MATEO
State: CA
Zip: 94403
Facility investor: "BALANCIER, BRIANA N. "
Licensee type: A
License effective date: 60705
License expiration date: Not Reported
License issue date: 060705
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 060313
Facility closed date: Not Reported
Mailing address: 231 N. HUMBOLDT STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94403
Contact person: "BALANCIER, BRIANA N. "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6503482276

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136 SRDCCA200728162
SE EDR ID: SRDCCA200728162 Daycare
1/2-1 mi Facility number: 414001844
3632 Facility name: "GODINEZ DE BUENROSTRO, ANA LUISA "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1406 S. CLAREMONT STREET
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 1406 S. CLAREMONT STREET
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "GODINEZ DE BUENROSTRO, ANA LUISA "
Licensee type: A

License effective date: 41217
License expiration date: Not Reported
License issue date: 041217
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 041108
Facility closed date: Not Reported
Mailing address: 1406 S. CLAREMONT STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "GODINEZ DE BUENROSTRO, ANA"
Facility capacity: 8
Type of clients served: 960
Facility phone: 6505716467

137
SSW
1/2-1 mi
3711
Higher

SRDCCA200734236
Daycare

EDR ID: SRDCCA200734236
Facility number: 414001991
Facility name: "OMALIN, MARY AILEEN D. & BAYLON, JUANITA S. "
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 638 ALHAMBRA ROAD
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 638 ALHAMBRA ROAD
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "OMALIN, MARY AILEEN D. & BAYLON, JUANITA S. "
Licensee type: A
License effective date: 60119
License expiration date: Not Reported
License issue date: 060119
Program type: "MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY.
CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date: 051031
Facility closed date: Not Reported
Mailing address: 638 ALHAMBRA ROAD
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "OMALIN, MARY AILEEN "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6504013831

S138 SRDCCA200701822
NW Daycare
1/2-1 mi
3719
Higher

EDR ID:	SRDCCA200701822
Facility number:	410506735
Facility name:	"HOPKINS, MARIA & GINN, VINNIE "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	314 E. SANTA INEZ
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	314 E. SANTA INEZ
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"HOPKINS, MARIA & GINN, VINNIE "
Licensee type:	A
License effective date:	930622
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS "REQUIRED.
Original app. received date:	870318
Facility closed date:	Not Reported
Mailing address:	314 E. SANTA INEZ
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"HOPKINS, M. & COTTON, E. "
Facility capacity:	14
Type of clients served:	960
Facility phone:	6503429607

S139 SRDCCA200755847
NW Daycare
1/2-1 mi
3736
Higher

EDR ID:	SRDCCA200755847
Facility number:	414001981
Facility name:	KINDER ACADEMY MONTESSORI
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	300 E. SANTA INEZ AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	300 E. SANTA INEZ AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"MA, SOPHIA SHAN "

Licensee type:	A
License effective date:	51012
License expiration date:	Not Reported
License issue date:	051012
Program type:	LICENSED TO SERVE CHILDREN AGED 2.5 TO 6 YEARS OLD. HOURS OF OPERATION: MONDAY-FRIDAY 8:00AM-6:00PM SCHEDULED PLAYGROUND WAIVER.
Original app. received date:	051011
Facility closed date:	Not Reported
Mailing address:	300 E. SANTA INEZ AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"MA, SOPHIA SHAN "
Facility capacity:	24
Type of clients served:	950
Facility phone:	6503408819

S140
NW
1/2-1 mi
3736
Higher

SRPR20051028112
Private Schools

Pss school id:	A9900574
Pss inst:	THE ODYSSEY SCHOOL
Lograde:	6
Higrade:	8
Pss address:	300 EAST SANTA INEZ AVENUE
Pss city:	SAN MATEO
Pss county no:	081
Pss county fips:	06081
Pss stabb:	CA
Pss fips:	06
Pss zip5:	94401
Pss phone:	6503409143
Pss sch days:	Not Reported
Pss stu day hrs:	6.5
Pss library:	No
Pss enroll ug:	Not Reported
Pss enroll pk:	Not Reported
Pss enroll k:	Not Reported
Pss enroll 1:	Not Reported
Pss enroll 2:	Not Reported
Pss enroll 3:	Not Reported
Pss enroll 4:	Not Reported
Pss enroll 5:	Not Reported
Pss enroll 6:	15
Pss enroll 7:	8
Pss enroll 8:	12
Pss enroll 9:	Not Reported
Pss enroll 10:	Not Reported
Pss enroll 11:	Not Reported
Pss enroll 12:	Not Reported
Pss enroll t:	35
Pss enroll tk12:	35
Pss race ai:	0
Pss race as:	12
Pss race h:	0
Pss race b:	1
Pss race w:	22

Pss fte teach:	5.1
Pss locale:	2
Pss coed:	1
Pss type:	1
Pss level:	1
Pss relig:	3
Pss comm type:	1
Pss indian pct:	0
Pss asian pct:	34.29
Pss hisp pct:	0
Pss black pct:	2.86
Pss white pct:	62.86
Pss stdtch rt:	6.86
Pss orient:	29
Pss county name:	SAN MATEO
Pss assoc 1:	Other school association(s)
Pss assoc 2:	Not Reported
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported
Pss assoc 7:	Not Reported
Source:	NCESDATA_E72D09B4
Edr id:	SRPR20051028112

141
ENE
1/2-1 mi
3749
Lower

SRDCCA200717861
Daycare

EDR ID:	SRDCCA200717861
Facility number:	414001425
Facility name:	"BUCIO, IRMA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	700 ADA STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	700 ADA STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"BUCIO, IRMA "
Licensee type:	A
License effective date:	30721
License expiration date:	Not Reported
License issue date:	030721
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	020730
Facility closed date:	Not Reported
Mailing address:	700 ADA STREET
Mailing city:	SAN MATEO

Mailing state:	CA
Mailing zip:	94401
Contact person:	"BUCIO, IRMA "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503472149

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142 SRDCCA200701805
NNW EDR ID: SRDCCA200701805 Daycare
1/2-1 mi Facility number: 410506172
3754 Facility name: "BACKSTROM-ALFORD, BEVERLY S. & BACKSTROM, EVELYN "
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	745 E. SANTA INEZ AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	745 E. SANTA INEZ AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"BACKSTROM, EVELYN & BACKSTROM-ALFORD, BEVERLY S. "
Licensee type:	A
License effective date:	931015
License expiration date:	Not Reported
License issue date:	Not Reported
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS. (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date:	840828
Facility closed date:	Not Reported
Mailing address:	745 E. SANTA INEZ AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"BACKSTROM, EVELYN "
Facility capacity:	12
Type of clients served:	960
Facility phone:	6505581203

S143 SRDCCA200752633
NW EDR ID: SRDCCA200752633 Daycare
1/2-1 mi Facility number: 410519028
3756 Facility name: PETITE SORBONNE PRESCHOOL
Higher Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	319 E. SANTA INEZ AVENUE

City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 401 HIGHLAND AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "PETTY, JUNE M. & LE, BINHMINH "
Licensee type: A
License effective date: 950131
License expiration date: Not Reported
License issue date: 950131
Program type: "SERVING AGES: 2 TO 6 YEARS OLD. MONDAY THROUGH FRIDAY, 8:00AM TO 5:30PM.
"
Original app. received date: 941102
Facility closed date: Not Reported
Mailing address: 401 HIGHLAND AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "PETTY, JUNE M. "
Facility capacity: 36
Type of clients served: 950
Facility phone: 6503478510

144
South
1/2-1 mi
3784
Higher

SRDCCA200750355
Daycare

EDR ID: SRDCCA200750355
Facility number: 410518059
Facility name: BRIGHT BEGINNINGS TODDLER/PRESCHOOL
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 03
Address: 30 HOBART AVENUE
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 30 HOBART AVE.
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "ADAN, JOANNE "
Licensee type: A
License effective date: 940802
License expiration date: Not Reported
License issue date: 910802
Program type: "LICENSED TO SERVE AGES 2 - 5 YEARS OLD, INCLUDES 8 CHILDREN IN A TODDLER OPTION AGES 18 MONTHS - 30 MONTHS OLD.
HOURS OF OPERATION: 7:30 A.M. TO 5:00 P.M., MONDAY THROUGH FRIDAY.
"SUBJECT TO CONDITIONS OF WAIVERS.
Original app. received date: 910415
Facility closed date: Not Reported
Mailing address: 30 HOBART AVENUE

Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94402	
Contact person:	"ADAN, JOANNE "	
Facility capacity:	23	
Type of clients served:	950	
Facility phone:	6505710343	

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145 SRDCCA200706806
SE EDR ID: SRDCCA200706806 Daycare
1/2-1 mi Facility number: 410518784
3787 Facility name: "CAPOVILLA, LUCY "
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	618 FOLKSTONE AVE.
City:	SAN MATEO
State:	CA
Zip:	94402
Alt. address:	618 FOLKSTONE AVE.
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"CAPOVILLA, LUCY "
Licensee type:	A
License effective date:	931019
License expiration date:	Not Reported
License issue date:	931019
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date:	930923
Facility closed date:	Not Reported
Mailing address:	618 FOLKSTONE AVE.
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94402
Contact person:	"CAPOVILLA, LUCY "
Facility capacity:	6
Type of clients served:	960
Facility phone:	6505721123

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146 SRDCCA200704848
ENE EDR ID: SRDCCA200704848 Daycare
1/2-1 mi Facility number: 410518161
3831 Facility name: "BARRUETO, ZITA "
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03

Address: 1508 NEWBRIDGE AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 1508 NEWBRIDGE AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "BARRUETO, ZITA AND PATRICIO "
Licensee type: A
License effective date: 930111
License expiration date: Not Reported
License issue date: 930111
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS (INFANT MEANS A CHILD UNDER 2 YEARS OLD). OFF LIMITS: GARAGE "
Original app. received date: 910726
Facility closed date: Not Reported
Mailing address: 1508 NEWBRIDGE AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "BARRUETO, ZITA & PATRICIO "
Facility capacity: 12
Type of clients served: 960
Facility phone: 6505791880

147
ENE
1/2-1 mi
3910
Lower

SRDCCA200720295
Daycare

EDR ID: SRDCCA200720295
Facility number: 414001470
Facility name: "SANDBERG, MELISSA ANN "
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 848 ADA STREET
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 848 ADA STREET
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "SANDBERG, MELISSA ANN "
Licensee type: A
License effective date: 30416
License expiration date: Not Reported
License issue date: 030416
Program type: "MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 021024

Facility closed date:	Not Reported	
Mailing address:	848 ADA STREET	
Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"SANDBERG, MELISSA ANN "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6505581045	

148 SRDCCA200737618
NE EDR ID: SRDCCA200737618 Daycare
1/2-1 mi Facility number: 414002137
3918 Facility name: "TEJADA, GRACIELA Y. "
Lower Facility eval. code: 0312

Facility office number:	05	
Facility county number:	41	
Facility type code:	810	
Facility status code:	03	
Address:	601 RAND STREET	
City:	SAN MATEO	
State:	CA	
Zip:	94401	
Alt. address:	601 RAND STREET	
City:	SAN MATEO	
State:	CA	
Zip:	94401	
Facility investor:	"TEJADA, GRACIELA Y. "	
Licensee type:	A	
License effective date:	70220	
License expiration date:	Not Reported	
License issue date:	070220	
Program type:	MAX. CAP(WHEN THERE IS AN ASSISTANT PRESENT): 12 - NO MORE THAN INFANTS. CAP 14 - NO MORE THAN 3 INFANTS. 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6.	4
Original app. received date:	061025	
Facility closed date:	Not Reported	
Mailing address:	601 RAND STREET	
Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"TEJADA, GRACIELA Y. "	
Facility capacity:	14	
Type of clients served:	960	
Facility phone:	6504013821	

149 SRPR20051027535
NE Pss school id: 00073137 Private Schools
1/2-1 mi Pss inst: ST TIMOTHY ELEMENTARY SCHOOL
3975 Lograde: K
Lower Higrade: 8

Pss address:	1515 DOLAN AVENUE
Pss city:	SAN MATEO
Pss county no:	081

Pss county fips:	06081
Pss stabb:	CA
Pss fips:	06
Pss zip5:	94401
Pss phone:	6503426567
Pss sch days:	180
Pss stu day hrs:	6.08
Pss library:	Yes
Pss enroll ug:	Not Reported
Pss enroll pk:	Not Reported
Pss enroll k:	30
Pss enroll 1:	29
Pss enroll 2:	34
Pss enroll 3:	31
Pss enroll 4:	36
Pss enroll 5:	32
Pss enroll 6:	28
Pss enroll 7:	28
Pss enroll 8:	31
Pss enroll 9:	Not Reported
Pss enroll 10:	Not Reported
Pss enroll 11:	Not Reported
Pss enroll 12:	Not Reported
Pss enroll t:	279
Pss enroll tk12:	279
Pss race ai:	0
Pss race as:	37
Pss race h:	73
Pss race b:	7
Pss race w:	162
Pss fte teach:	10.8
Pss locale:	2
Pss coed:	1
Pss type:	1
Pss level:	1
Pss relig:	1
Pss comm type:	1
Pss indian pct:	0
Pss asian pct:	13.26
Pss hisp pct:	26.16
Pss black pct:	2.51
Pss white pct:	58.06
Pss stdtch rt:	25.83
Pss orient:	1
Pss county name:	SAN MATEO
Pss assoc 1:	National Catholic Educational Association (NCEA)
Pss assoc 2:	Not Reported
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported
Pss assoc 7:	Not Reported
Source:	NCESDATA_E72D09B4
Edr id:	SRPR20051027535

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
150 NNW 1/2-1 mi 4021 Lower			SRDCCA200702859 Daycare
	EDR ID:	SRDCCA200702859	
	Facility number:	410506999	
	Facility name:	"WINSTON, RUTHIE M. "	
	Facility eval. code:	0312	
	Facility office number:	05	
	Facility county number:	41	
	Facility type code:	810	
	Facility status code:	03	
	Address:	311 NORTH HUMBOLDT STREET	
	City:	SAN MATEO	
	State:	CA	
	Zip:	94401	
	Alt. address:	311 NORTH HUMBOLDT STREET	
	City:	SAN MATEO	
	State:	CA	
	Zip:	94401	
	Facility investor:	"WINSTON, RUTHIE M. "	
	Licensee type:	A	
	License effective date:	940519	
	License expiration date:	Not Reported	
	License issue date:	880519	
	Program type:	*********INACTIVE LICENSE FROM 07/15/06 TO 07/15/07**********	
	Original app. received date:	880310	
	Facility closed date:	Not Reported	
	Mailing address:	311 NORTH HUMBOLDT STREET	
	Mailing city:	SAN MATEO	
	Mailing state:	CA	
	Mailing zip:	94401	
	Contact person:	"WINSTON, RUTHIE M. "	
	Facility capacity:	6	
	Type of clients served:	950	
	Facility phone:	6503448185	
151 South 1/2-1 mi 4025 Higher			SRDCCA200750092 Daycare
	EDR ID:	SRDCCA200750092	
	Facility number:	414000798	
	Facility name:	SAN MATEO MONTESSORI	
	Facility eval. code:	0312	
	Facility office number:	05	
	Facility county number:	41	
	Facility type code:	850	
	Facility status code:	03	
	Address:	15 - 14TH AVENUE	
	City:	SAN MATEO	
	State:	CA	
	Zip:	94402	
	Alt. address:	15 - 14TH AVENUE	
	City:	SAN MATEO	
	State:	CA	
	Zip:	94402	
	Facility investor:	"PROZELL, TINA MARIE "	
	Licensee type:	A	
	License effective date:	990716	
	License expiration date:	Not Reported	

License issue date: 990716
Program type: "LICENSED TO SERVE CHILDREN AGES 2 TO 5.9 YEARS OLD. HOURS OF OPERATION: 7:30 A.M., TO 6:00 P.M., MONDAY THROUGH FRIDAY.
"
Original app. received date: 990528
Facility closed date: Not Reported
Mailing address: 15 - 14TH AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: TINA PROZELL
Facility capacity: 21
Type of clients served: 950
Facility phone: 6505715095

152
SE
1/2-1 mi
4028
Lower

SRDCCA200702906
Daycare

EDR ID: SRDCCA200702906
Facility number: 410509120
Facility name: "HAUCK, AMELIA "
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 622 GUILDFORD
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 622 GUILDFORD
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "HAUCK, AMELIA "
Licensee type: A
License effective date: 940522
License expiration date: Not Reported
License issue date: Not Reported
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE, WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS ONLY (INFANT MEANS A CHILD UNDER 2 YEARS OLD).
"
Original app. received date: 850330
Facility closed date: Not Reported
Mailing address: 622 GUILDFORD AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "HAUCK, AMELIA "
Facility capacity: 12
Type of clients served: 950
Facility phone: 6505728859

153 SRDCCA200712777
SE EDR ID: SRDCCA200712777 Daycare
1/2-1 mi Facility number: 414001037
4091 Facility name: "PASTOR, MARIA "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 726 GUILDFORD AVENUE
City: SAN MATEO
State: CA
Zip: 94402
Alt. address: 726 GUILDFORD AVENUE
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: "PASTOR, MARIA "
Licensee type: A
License effective date: 1215
License expiration date: Not Reported
License issue date: 001215
Program type: "MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 000629
Facility closed date: Not Reported
Mailing address: 726 GUILDFORD AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94402
Contact person: "PASTOR, MARIA "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6505736758

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154 SRHO20070148358
WNW Hospital type: 01 AHA Hospitals
1/2-1 mi Num of times COO: 00
4134 Owner date: Not Reported
Higher City: SAN MATEO
Has plan of corr: 1
Compliance status: A
SSA county code: 510
Cross ref number: Not Reported
FMS survey date: Not Reported
Current survey date: 19990723
Medicare/Medicaid: 1
Facility name: MICHAEL J WOODBURY, MD
Intermediary/Carrier: Not Reported
Medicaid number: Not Reported
Partcipation date: 19970131
Prior COO date: Not Reported
Prior carrier: Not Reported

Provider ID:	05D0924511
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	333 NORTH SAN MATEO DRIVE
Phone num:	4153426998
Termination reason:	12
Term Date:	20010531
Purpose of action:	2
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070148358

155
NW
1/2-1 mi
4147
Lower

SRDCCA200719730
Daycare

EDR ID:	SRDCCA200719730
Facility number:	414001500
Facility name:	"LOPEZ, ALMA ROCIO "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	343 N. EL DORADO STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	343 N. EL DORADO STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"LOPEZ, ALMA ROCIO "
Licensee type:	A
License effective date:	40727
License expiration date:	Not Reported
License issue date:	040727
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	021206
Facility closed date:	Not Reported
Mailing address:	343 N. EL DORADO STREET

Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"LOPEZ, ALMA ROCIO "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6503485724	

156
NE
1/2-1 mi
4197
Lower

SRDCCA200720883
Daycare

EDR ID:	SRDCCA200720883
Facility number:	414001590
Facility name:	"RIOS, JOSEFINA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	1635 SHOREVIEW AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	1635 SHOREVIEW AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"RIOS, JOSEFINA "
Licensee type:	A
License effective date:	30830
License expiration date:	Not Reported
License issue date:	030830
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	030612
Facility closed date:	Not Reported
Mailing address:	1635 SHOREVIEW AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"RIOS, JOSEFINA "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503434224

157
SE
1/2-1 mi
4210
Lower

SRDCCA200701008
Daycare

EDR ID:	SRDCCA200701008
Facility number:	415600283
Facility name:	INTERMISSION HOUSE TWO
Facility eval. code:	1509
Facility office number:	14
Facility county number:	41
Facility type code:	730
Facility status code:	03

Address:	518 E. 16TH AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	720 S. B STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"PROJECT NINETY, INC. "
Licensee type:	C
License effective date:	10928
License expiration date:	Not Reported
License issue date:	010928
Program type:	PREFERS BOYS. 14-17 AMBULATORY ONLY.
Original app. received date:	010717
Facility closed date:	Not Reported
Mailing address:	720 S. B STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"SABIN, MARC A. "
Facility capacity:	6
Type of clients served:	950
Facility phone:	6505583883

158
NNW
1/2-1 mi
4209
Lower

SRDCCA200711135
Daycare

EDR ID:	SRDCCA200711135
Facility number:	414000823
Facility name:	"GARCIA, MARIA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	343 N. HUMBOLDT STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	343 N. HUMBOLDT STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"GARCIA, MARIA "
Licensee type:	A
License effective date:	315
License expiration date:	Not Reported
License issue date:	000315
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	990723
Facility closed date:	Not Reported
Mailing address:	343 N. HUMBOLDT STREET
Mailing city:	SAN MATEO

Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"GARCIA, MARIA "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6503750303	

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159 SRDCCA200708040
East EDR ID: SRDCCA200708040 Daycare
1/2-1 mi Facility number: 414000210
4326 Facility name: "JIMENEZ, LILLIANA "
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	1144 DIX STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	1144 DIX STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"JIMENEZ, LILLIANA "
Licensee type:	A
License effective date:	970124
License expiration date:	Not Reported
License issue date:	970124
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS. (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date:	960319
Facility closed date:	Not Reported
Mailing address:	1144 DIX STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"JIMENEZ, LILLIANA "
Facility capacity:	12
Type of clients served:	960
Facility phone:	6505781371

T160 SRDCCA200746215
NNW EDR ID: SRDCCA200746215 Daycare
1/2-1 mi Facility number: 414001777
4441 Facility name: MID-PENINSULA BOYS & GIRLS CLUB-TURNBULL CLUBHOUSE
Lower Facility eval. code: 0312

Facility office number:	05
Facility county number:	41
Facility type code:	840
Facility status code:	03
Address:	715 INDIAN AVENUE

City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 200 N. QUEBEC STREET
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "MID-PENINSULA BOYS & GIRLS CLUB, INC. "
Licensee type: C
License effective date: 50902
License expiration date: Not Reported
License issue date: 050902
Program type: "LICENSED TO SERVE CHILDREN AGED 6-11 YEARS IN ROOMS 30, 31, 32, THE LIBRARY, AND THE MULTIPURPOSE ROOM-GYM. HOURS OF OPERATION: MONDAY-FRIDAY 7:00AM-6:00PM. "
Original app. received date: 050504
Facility closed date: Not Reported
Mailing address: 200 N. QUEBEC STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: JOSEPH EGAN
Facility capacity: 197
Type of clients served: 950
Facility phone: 6503126967

T161
NNW
1/2-1 mi
4441
Lower

SRDCCA200748408
Daycare

EDR ID: SRDCCA200748408
Facility number: 410509079
Facility name: SM/FC SCHOOL DIST-TURNBULL CHILDREN'S CENTER
Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 850
Facility status code: 03
Address: 715 INDIAN AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: P.O. BOX K
City: SAN MATEO
State: CA
Zip: 94402
Facility investor: SAN MATEO-FOSTER CITY SCHOOL DIST. (C. SHREWSBURY)
Licensee type: F
License effective date: 940426
License expiration date: Not Reported
License issue date: Not Reported
Program type: LICENSED TO SERVE CHILDREN AGED 2 TO 5.9 YEARS OLD IN ROOM 10(J) AND ROOMS 33-39. HOURS OF OPERATION: MONDAY-FRIDAY 6:45AM-6:00PM. SHARED BATHROOM WAIVER.
Original app. received date: 850308
Facility closed date: Not Reported
Mailing address: P.O. BOX K

Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94402	
Contact person:	DIANA HALLOCK	
Facility capacity:	184	
Type of clients served:	950	
Facility phone:	6503127766	

T162 SRPU20071009802
NNW Ncessch: 063492005912 Public Schools
1/2-1 mi Schname05: COLLEGE PARK ELEMENTARY
4441 Mstreet05: 715 INDIAN AVE.
Lower Mcity05: SAN MATEO
Mstate05: CA
Mzip05: 94401
Mzip405: 1768
Member05: 279
Phone05: (650) 312-7766
Locale05: 2
Type05: 1
Level05: 1
Gslo05: KG
Gshi05: 05
Edr id: SRPU20071009802

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163 SRDCCA200703654
North EDR ID: SRDCCA200703654 Daycare
1/2-1 mi Facility number: 410501848
4445 Facility name: "FERNANDEZ, MARIA T. "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1415 MEFFORD AVE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 1415 MEFFORD AVE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "FERNANDEZ, MARIA T. "
Licensee type: A
License effective date: 940818
License expiration date: Not Reported
License issue date: Not Reported
Program type: "MAXIMUM CAPACITY: 6 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date: 770309
Facility closed date: Not Reported
Mailing address: 1415 MEFFORD AVE
Mailing city: SAN MATEO

Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"FERNANDEZ, MARIA T. "	
Facility capacity:	6	
Type of clients served:	960	
Facility phone:	6503439943	

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164 SRDCCA200719108
ENE EDR ID: SRDCCA200719108 Daycare
1/2-1 mi Facility number: 414001505
4450 Facility name: "PRATAP, MANJULA "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1617 COTTAGE GROVE AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 1617 COTTAGE GROVE AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "PRATAP, MANJULA "
Licensee type: A
License effective date: 30515
License expiration date: Not Reported
License issue date: 030515
Program type: "MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date: 021209
Facility closed date: Not Reported
Mailing address: 1617 COTTAGE GROVE AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "PRATAP, MANJULA "
Facility capacity: 8
Type of clients served: 960
Facility phone: 6503478344

U165 SRHO20070157591
NE Hospital type: 01 AHA Hospitals
1/2-1 mi Num of times COO: 00
4492 Owner date: Not Reported
Lower City: SAN MATEO
Has plan of corr: Not Reported
Compliance status: Not Reported
SSA county code: 510
Cross ref number: Not Reported
FMS survey date: Not Reported

Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	BAY HORIZON ICF/DDH
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20040922
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1031045
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	516 OCEANVIEW AVE
Phone num:	6503471164
Termination reason:	00
Term Date:	20080921
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070157591

U166 SRHO20070007940
NE AHA Hospitals
1/2-1 mi
4492
Lower

Hospital type:	02
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20061107
Medicare/Medicaid:	1
Facility name:	BAY HORIZON ICF/DDH
Intermediary/Carrier:	Not Reported
Medicaid number:	LTC60671G
Partcipation date:	19950822
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05G894
Record Status:	A
Region code:	09

Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	516 OCEAN VIEW AVENUE
Phone num:	6503471164
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070007940

167
SW
1/2-1 mi
4501
Higher

SRDCCA200710658
Daycare

EDR ID:	SRDCCA200710658
Facility number:	414000896
Facility name:	"MCENERY, SHANNON "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	339 GEORGETOWN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94402
Alt. address:	339 GEORGETOWN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94402
Facility investor:	"MCENERY, SHANNON "
Licensee type:	A
License effective date:	991103
License expiration date:	Not Reported
License issue date:	991103
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	991025
Facility closed date:	Not Reported
Mailing address:	339 GEORGETOWN AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94402

Contact person:	"MCENERY, SHANNON "	
Facility capacity:	8	
Type of clients served:	960	
Facility phone:	6503436605	

V168 SRHO20070156076
WNW AHA Hospitals
1/2-1 mi
4525
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	DANIEL HUIE MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20020603
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1000071
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	401 N SAN MATEO DRIVE SUITE B
Phone num:	6503424200
Termination reason:	00
Term Date:	20080602
Purpose of action:	Not Reported
Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070156076

V169 SRHO20070154107
WNW AHA Hospitals
1/2-1 mi
4525
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO

Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	ARTHUR F GALLA, MD
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19971224
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0937898
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	401 N SAN MATEO DR
Phone num:	6503424200
Termination reason:	08
Term Date:	20011223
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070154107

170
NNE
1/2-1 mi
4549
Lower

SRDCCA200732700
Daycare

EDR ID:	SRDCCA200732700
Facility number:	414002017
Facility name:	"ANDRADE, AMALIA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	06
Address:	105 S. QUEBEC STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	105 S. QUEBEC STREET
City:	SAN MATEO
State:	CA

Zip:	94401
Facility investor:	"ANDRADE, AMALIA "
Licensee type:	A
License effective date:	60210
License expiration date:	Not Reported
License issue date:	060210
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	060110
Facility closed date:	Not Reported
Mailing address:	105 S. QUEBEC STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"ANDRADE, AMALIA "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503427795

171
NW
1/2-1 mi
4581
Higher

SRPR20051027733
Private Schools

Pss school id:	A9101385
Pss inst:	STANBRIDGE ACADEMY
Lograde:	1
Higrade:	12
Pss address:	515 E POPLAR AVE
Pss city:	SAN MATEO
Pss county no:	081
Pss county fips:	06081
Pss stabb:	CA
Pss fips:	06
Pss zip5:	94401
Pss phone:	6503755860
Pss sch days:	165
Pss stu day hrs:	6.5
Pss library:	Yes
Pss enroll ug:	Not Reported
Pss enroll pk:	Not Reported
Pss enroll k:	Not Reported
Pss enroll 1:	1
Pss enroll 2:	2
Pss enroll 3:	4
Pss enroll 4:	4
Pss enroll 5:	3
Pss enroll 6:	11
Pss enroll 7:	7
Pss enroll 8:	12
Pss enroll 9:	13
Pss enroll 10:	8
Pss enroll 11:	5
Pss enroll 12:	5
Pss enroll t:	75
Pss enroll tk12:	75
Pss race ai:	Not Reported
Pss race as:	Not Reported

Pss race h:	Not Reported
Pss race b:	Not Reported
Pss race w:	Not Reported
Pss fte teach:	14.6
Pss locale:	2
Pss coed:	1
Pss type:	4
Pss level:	3
Pss relig:	3
Pss comm type:	1
Pss indian pct:	Not Reported
Pss asian pct:	Not Reported
Pss hisp pct:	Not Reported
Pss black pct:	Not Reported
Pss white pct:	Not Reported
Pss stdtch rt:	5.14
Pss orient:	29
Pss county name:	SAN MATEO
Pss assoc 1:	Council for Exceptional Children (CEC)
Pss assoc 2:	Other school association(s)
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported
Pss assoc 7:	Not Reported
Source:	NCESDATA_E72D09B4
Edr id:	SRPR20051027733

172
NE
1/2-1 mi
4729
Lower

SRDCCA200710936
Daycare

EDR ID:	SRDCCA200710936
Facility number:	414000907
Facility name:	"CEJA, DELIA AND LAURIANNA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	1717 SHOREVIEW AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	1717 SHOREVIEW AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"CEJA, DELIA AND LAURIANNA "
Licensee type:	A
License effective date:	301
License expiration date:	Not Reported
License issue date:	000301
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS "REQUIRED.
Original app. received date:	991110

Facility closed date:	Not Reported	
Mailing address:	1717 SHOREVIEW AVENUE	
Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"CEJA, DELIA & LAURIANNA "	
Facility capacity:	14	
Type of clients served:	960	
Facility phone:	6503430162	

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173 SRDCCA200709704
ENE
1/2-1 mi
4738
Lower

EDR ID:	SRDCCA200709704	Daycare
Facility number:	414000523	
Facility name:	"DOSS, GLENDA & SHARP, LINDA "	
Facility eval. code:	0312	
Facility office number:	05	
Facility county number:	41	
Facility type code:	810	
Facility status code:	03	
Address:	756 KATHRYNE AVENUE	
City:	SAN MATEO	
State:	CA	
Zip:	94401	
Alt. address:	756 KATHRYNE AVENUE	
City:	SAN MATEO	
State:	CA	
Zip:	94401	
Facility investor:	"DOSS, GLENDA & SHARP, LINDA "	
Licensee type:	A	
License effective date:	980116	
License expiration date:	Not Reported	
License issue date:	980116	
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "	
Original app. received date:	971110	
Facility closed date:	Not Reported	
Mailing address:	756 KATHRYNE AVENUE	
Mailing city:	SAN MATEO	
Mailing state:	CA	
Mailing zip:	94401	
Contact person:	"DOSS, G. AND SHARP, L. "	
Facility capacity:	14	
Type of clients served:	960	
Facility phone:	6503476420	

W174 SRHO20070157592
ESE
1/2-1 mi
4779
Lower

Hospital type:	01	AHA Hospitals
Num of times COO:	00	
Owner date:	Not Reported	
City:	SAN MATEO	
Has plan of corr:	Not Reported	
Compliance status:	Not Reported	
SSA county code:	510	

Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	SOUTH GRANT ICF/DDH
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	20040922
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D1031046
Record Status:	A
Region code:	09
Is Partial Record:	Y
state abbrev:	CA
ssa state:	05
state region cd:	M2
street address:	1618 S GRANT ST
Phone num:	6505781183
Termination reason:	00
Term Date:	20080921
Purpose of action:	Not Reported
Provider control:	04
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070157592

W175
ESE
1/2-1 mi
4779
Lower

SRHO20070107294
AHA Hospitals

Hospital type:	02
Num of times COO:	02
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20060105
Medicare/Medicaid:	1
Facility name:	SOUTH GRANT ICF/DD-H
Intermediary/Carrier:	Not Reported
Medicaid number:	LTC60789G
Partcipation date:	19961230
Prior COO date:	19970930
Prior carrier:	Not Reported
Provider ID:	55G086

Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	1618 SOUTH GRANT
Phone num:	6505781183
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2
Provider control:	02
Zip:	94402
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070107294

176
ENE
1/2-1 mi
4833
Lower

SRHO20070107399
AHA Hospitals

Hospital type:	02
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	20060706
Medicare/Medicaid:	1
Facility name:	KATHRYNE MANOR - ICF/DDH
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19971201
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	55G156
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	840 KATHRYNE AVENUE
Phone num:	6503485393
Termination reason:	00
Term Date:	Not Reported
Purpose of action:	2

Provider control:	02
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0006
Num cert beds:	0006
Source:	US_HOSPITAL_POSOTHER
Edr id:	SRHO20070107399

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177 SRDCCA200715596
North 1/2-1 mi 4871 Lower Daycare

EDR ID:	SRDCCA200715596
Facility number:	414001092
Facility name:	"MAZAHREH, AROUB NASIM "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	1514 TROLLMAN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	1514 TROLLMAN AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"MAZAHREH, AROUB NASIM "
Licensee type:	A
License effective date:	10122
License expiration date:	Not Reported
License issue date:	010122
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	001017
Facility closed date:	Not Reported
Mailing address:	1514 TROLLMAN AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"MAZAHREH, AROUB NASIM "
Facility capacity:	14
Type of clients served:	960
Facility phone:	6503479698

X178 SRDCCA200752440
ENE 1/2-1 mi 4889 Lower Daycare

EDR ID:	SRDCCA200752440
Facility number:	410518992
Facility name:	SAN MATEO-FOSTER CITY SCHL. DIST.-HORRALL SCHOOL

Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	850
Facility status code:	03
Address:	949 OCEAN VIEW
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	51 WEST 41ST AVENUE
City:	SAN MATEO
State:	CA
Zip:	94403
Facility investor:	SAN MATEO-FOSTER CITY SCHOOL DIST.(C. SHREWSBURY)
Licensee type:	F
License effective date:	941213
License expiration date:	Not Reported
License issue date:	941213
Program type:	"DAYS AND HOURS OF OPERATION: MONDAY - FRIDAY, 8:00 AM - 12:30 PM. LICENSE SUBJECT TO CONDITIONS OF WAIVER. ROOM 1 (FORMERLY LIBRARY). "
Original app. received date:	940819
Facility closed date:	Not Reported
Mailing address:	51 WEST 41ST AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94403
Contact person:	"BENJAMIN, JENNIFER "
Facility capacity:	24
Type of clients served:	950
Facility phone:	6503127550

X179
ENE
1/2-1 mi
4889
Lower

SRPU20071009800
Public Schools

Ncessch:	063492005908
Schname05:	ALBION H. HORRALL ELEMENTARY
Mstreet05:	949 OCEAN VIEW AVE.
Mcity05:	SAN MATEO
Mstate05:	CA
Mzip05:	94401
Mzip405:	3462
Member05:	438
Phone05:	(650) 312-7550
Locale05:	2
Type05:	1
Level05:	1
Gslo05:	KG
Gshi05:	05
Edr id:	SRPU20071009800

180
East
1/2-1 mi
4928
Lower

SRDCCA200712812
Daycare

EDR ID:	SRDCCA200712812
Facility number:	414001026
Facility name:	"WANG, JING "

Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	1415 DIX STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	1415 DIX STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"WANG, JING "
Licensee type:	A
License effective date:	926
License expiration date:	Not Reported
License issue date:	000926
Program type:	"MAXIMUM CAPACITY: 6 CHILDREN WITH NO MORE THAN 3 INFANTS, OR 4 INFANTSONLY, OR CAPACITY 8 CHILDREN WHEN 2 ARE AT LEAST 6 YEARS OF AGE WITH AMAXIMUM OF 2 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS REQUIRED "
Original app. received date:	000612
Facility closed date:	Not Reported
Mailing address:	1415 DIX STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"WANG, JING "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503415266

Y181
WNW
1/2-1 mi
4988
Higher

SRHO20070140056
AHA Hospitals

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	Not Reported
Compliance status:	Not Reported
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	Not Reported
Medicare/Medicaid:	Not Reported
Facility name:	SAN MATEO CONVALESCENT HOSPITAL
Intermediary/Carrier:	Not Reported
Medicaid number:	Not Reported
Partcipation date:	19940402
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	05D0725150
Record Status:	A
Region code:	09
Is Partial Record:	Y

state abbrev:	CA
ssa state:	05
state region cd:	LAB
street address:	453 NORTH SAN MATEO DRIVE
Phone num:	4153426255
Termination reason:	00
Term Date:	20080831
Purpose of action:	Not Reported
Provider control:	04
Zip:	94401
Fips state:	06
Fips cnty:	081
SSA MSA:	526
SSA MSA size code:	B
Date accredited:	Not Reported
Accred expire date:	Not Reported
Accred Org:	Not Reported
Num beds:	0000
Num cert beds:	0000
Source:	US_HOSPITAL_POSCLIA
Edr id:	SRHO20070140056

Y182 SRHO20070010087
WNW AHA Hospitals
1/2-1 mi
4988
Higher

Hospital type:	01
Num of times COO:	00
Owner date:	Not Reported
City:	SAN MATEO
Has plan of corr:	1
Compliance status:	A
SSA county code:	510
Cross ref number:	Not Reported
FMS survey date:	Not Reported
Current survey date:	19900208
Medicare/Medicaid:	1
Facility name:	SAN MATEO CONV HOSP
Intermediary/Carrier:	52280
Medicaid number:	Not Reported
Partcipation date:	19670501
Prior COO date:	Not Reported
Prior carrier:	Not Reported
Provider ID:	055432
Record Status:	A
Region code:	09
Is Partial Record:	Not Reported
state abbrev:	CA
ssa state:	05
state region cd:	SF
street address:	453 N SAN MATEO DR
Phone num:	4153426255
Termination reason:	04
Term Date:	19910211
Purpose of action:	2
Provider control:	03
Zip:	94401
Fips state:	06

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
	Fips cnty:	081	
	SSA MSA:	526	
	SSA MSA size code:	B	
	Date accredited:	Not Reported	
	Accred expire date:	Not Reported	
	Accred Org:	Not Reported	
	Num beds:	0034	
	Num cert beds:	0034	
	Source:	US_HOSPITAL_POSOTHER	
	Edr id:	SRHO20070010087	
183 WNW 1/2-1 mi 5012 Higher			SRPR20051023015 Private Schools
	Pss school id:	A9101302	
	Pss inst:	RUSSELL BEDE SCHOOL	
	Lograde:	2	
	Higrade:	5	
	Pss address:	446 TURNER TERR	
	Pss city:	SAN MATEO	
	Pss county no:	081	
	Pss county fips:	06081	
	Pss stabb:	CA	
	Pss fips:	06	
	Pss zip5:	94401	
	Pss phone:	6505794400	
	Pss sch days:	180	
	Pss stu day hrs:	5.75	
	Pss library:	Yes	
	Pss enroll ug:	Not Reported	
	Pss enroll pk:	Not Reported	
	Pss enroll k:	Not Reported	
	Pss enroll 1:	Not Reported	
	Pss enroll 2:	2	
	Pss enroll 3:	2	
	Pss enroll 4:	Not Reported	
	Pss enroll 5:	10	
	Pss enroll 6:	Not Reported	
	Pss enroll 7:	Not Reported	
	Pss enroll 8:	Not Reported	
	Pss enroll 9:	Not Reported	
	Pss enroll 10:	Not Reported	
	Pss enroll 11:	Not Reported	
	Pss enroll 12:	Not Reported	
	Pss enroll t:	14	
	Pss enroll tk12:	14	
	Pss race ai:	0	
	Pss race as:	0	
	Pss race h:	4	
	Pss race b:	0	
	Pss race w:	10	
	Pss fte teach:	3.1	
	Pss locale:	2	
	Pss coed:	1	
	Pss type:	4	
	Pss level:	1	
	Pss relig:	3	

Pss comm type:	1
Pss indian pct:	0
Pss asian pct:	0
Pss hisp pct:	28.57
Pss black pct:	0
Pss white pct:	71.43
Pss stdtch rt:	4.52
Pss orient:	29
Pss county name:	SAN MATEO
Pss assoc 1:	No Membership Association
Pss assoc 2:	Not Reported
Pss assoc 3:	Not Reported
Pss assoc 4:	Not Reported
Pss assoc 5:	Not Reported
Pss assoc 6:	Not Reported
Pss assoc 7:	Not Reported
Source:	NCESDATA_E72D09B4
Edr id:	SRPR20051023015

184
NW
1/2-1 mi
5030
Higher

SRPU20071009816
Public Schools

Ncessch:	063498005926
Schname05:	SAN MATEO HIGH
Mstreet05:	506 NORTH DELAWARE ST.
Mcity05:	SAN MATEO
Mstate05:	CA
Mzip05:	94401
Mzip405:	1700
Member05:	1502
Phone05:	(650) 558-2399
Locale05:	2
Type05:	1
Level05:	3
Gslo05:	09
Gshi05:	12
Edr id:	SRPU20071009816

185
ESE
1/2-1 mi
5184
Lower

SRDCCA200709195
Daycare

EDR ID:	SRDCCA200709195
Facility number:	414000699
Facility name:	"RUSSELL, CARRIE "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	1640 NORTON STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	1640 NORTON STREET
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"RUSSELL, CARRIE "

Licensee type:	A
License effective date:	990104
License expiration date:	Not Reported
License issue date:	990104
Program type:	"MAXIMUM CAPACITY: 12 CHILDREN, WITH NO MORE THAN 4 INFANTS, OR CAPACITY 14 CHILDREN WHEN 2 CHILDREN ARE AT LEAST 6 YEARS OF AGE WITH A MAXIMUM OF 3 INFANTS; PROPERTY OWNER/LANDLORD CONSENT IS "REQUIRED.
Original app. received date:	981113
Facility closed date:	Not Reported
Mailing address:	1640 NORTON STREET
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"RUSSELL, CARRIE "
Facility capacity:	14
Type of clients served:	960
Facility phone:	6503410944

186
WNW
1/2-1 mi
5188
Higher

SRDCCA200730635
Daycare

EDR ID:	SRDCCA200730635
Facility number:	414001882
Facility name:	"CORNEJO, YOLANDA "
Facility eval. code:	0312
Facility office number:	05
Facility county number:	41
Facility type code:	810
Facility status code:	03
Address:	438 WISNOM AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Alt. address:	438 WISNOM AVENUE
City:	SAN MATEO
State:	CA
Zip:	94401
Facility investor:	"CORNEJO, YOLANDA "
Licensee type:	A
License effective date:	50427
License expiration date:	Not Reported
License issue date:	050427
Program type:	"MAX. CAP: 6 - NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY. CAP 8 - NO MORE THAN 2 INFANTS, 1 CHILD IN KINDERGARTEN OR ELEMENTARY SCHOOL AND 1 CHILD AT LEAST AGE 6. "
Original app. received date:	050222
Facility closed date:	Not Reported
Mailing address:	438 WISNOM AVENUE
Mailing city:	SAN MATEO
Mailing state:	CA
Mailing zip:	94401
Contact person:	"CORNEJO, YOLANDA "
Facility capacity:	8
Type of clients served:	960
Facility phone:	6503407988

187 SRDCCA200705774
NNW EDR ID: SRDCCA200705774 Daycare
1/2-1 mi Facility number: 414000072
5206 Facility name: "TEJADA, GRACIELA & VELASCO-DODGE, ROSIE E. "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 518 N. HUMBOLDT STREET
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 518 N. HUMBOLDT STREET
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "TEJADA, GRACIELA & VELASCO-DODGE, ROSIE E. "
Licensee type: A
License effective date: 960326
License expiration date: Not Reported
License issue date: 960326
Program type: "MAXIMUM CAPACITY: 12 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 4 INFANTS. (INFANT MEANS A CHILD UNDER 2 YEARS OLD).
"
Original app. received date: 950623
Facility closed date: Not Reported
Mailing address: 518 N. HUMBOLDT STREET
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "TEJADA, GRACIELA & VELASCO"
Facility capacity: 12
Type of clients served: 960
Facility phone: 6503426253

188 SRDCCA200702812
ENE EDR ID: SRDCCA200702812 Daycare
1/2-1 mi Facility number: 410517726
5219 Facility name: "MICHAIL, HELEN B. "
Lower Facility eval. code: 0312
Facility office number: 05
Facility county number: 41
Facility type code: 810
Facility status code: 03
Address: 1843 SHOREVIEW AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Alt. address: 1843 SHOREVIEW AVENUE
City: SAN MATEO
State: CA
Zip: 94401
Facility investor: "MICHAIL, HELEN B. "

Licensee type: A
License effective date: 930521
License expiration date: Not Reported
License issue date: 900521
Program type: "MAXIMUM CAPACITY: 6 CHILDREN, INCLUDING LICENSEE'S CHILDREN UNDER 10 YEARS OF AGE WHO RESIDE IN THE HOME, WITH NO MORE THAN 3 INFANTS OR 4 INFANTS ONLY (INFANT MEANS A CHILD UNDER 2 YEARS OLD). "
Original app. received date: 900409
Facility closed date: Not Reported
Mailing address: 1843 SHOREVIEW AVENUE
Mailing city: SAN MATEO
Mailing state: CA
Mailing zip: 94401
Contact person: "MICHAIL, HELEN B. "
Facility capacity: 6
Type of clients served: 960
Facility phone: 6503441995

RECORDS SEARCHED/DATA CURRENCY TRACKING

Census

Source: U.S. Census Bureau
Telephone: 301-763-4636
2010 U.S. Census data was used to estimate residential population following these EPA guidelines:
"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion...Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."

FED_LAND: Federal Lands

Source: USGS
Telephone: 888-275-8747
Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; . Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Colleges - Integrated Postsecondary Education Data

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Arenas

Source: Dunhill International
EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

Prisons: Bureau of Prisons Facilities

Source: Federal Bureau of Prisons
Telephone: 202-307-3198
List of facilities operated by the Federal Bureau of Prisons.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

STREET AND ADDRESS INFORMATION

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Appendix G

Well Status Inquiry Letter

Antea USA, Inc.
5910 Rice Creek Parkway, Suite 100
Shoreview, Minnesota 55126 USA
www.anteagroup.com

March 3, 2017

Binh Thai or current resident
216 South Eldorado Street
San Mateo, California 94402

SUBJECT: PROPERTY WELL EXISTENCE AND STATUS VERIFICATION

Dear Property Owner/Resident:

Antea®Group is an environmental consulting firm contracted to remediate and close the environmental release case for the 76-branded service station at 402 South Delaware Street in San Mateo, California located within 1,000 feet of your property. Through reports available on the State of California GeoTracker website (http://geotracker.waterboards.ca.gov/), Antea Group has information indicating there may be a water well on your property. As part of the process to make a case for closure with the State of California, Antea Group needs to verify the existence and use status of water wells within 1,000 feet of the referenced service station. This is a required part of the process and not an indication the historical release at the subject service station affected your property or water well.

The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the San Mateo County Groundwater Protection Program and the San Francisco Bay Regional Water Quality Control Board that Antea Group contacted for verification.

Please contact Allison Dagg at Antea Group at 408-652-7454 or allison.dagg@anteagroup.com if you have any quesitons or concerns regarding this questionnaire.

Questionnaire:

Property Information:
Street Address and Parcel: 216 South Eldorado Street **APN:** 034187030

Property Owner Information:
Name: Mr. Binh Thai
Address: 216 S Eldorado St.
City, State, Zip: San Mateo, CA 94401-3328
Telephone: 650 344 1024

Tenant Information (*if not Property Owner*):
Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

Is there a water well on the property? (please circle one): (Yes) No Unknown

Inogen Environmental Alliance

Back side too →

Did a well previously exist on the property? (please circle one): (Yes) No Unknown

If a well currently exists on the property:
Is the well currently being used? (please circle one): Yes (No)
How often?_____
How is the water used?_____

If a well previously existed on the property, was it removed or filled with cement? (please circle one):
Yes (No) Unknown

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. Please include any comments you may have on the bottom of this page.

Sincerely,
Antea USA, Inc.

Allison Dagg

Allison Dagg
Staff Professional
408-652-7454
allison.dagg@anteagroup.com

Additional Comments:
We would like to use the well water for our lawn and garden. Currently, the pump is not working but we plan on fixing that this spring/summer.

Appendix H

Well Completion Report from the California DWR

ORIGINAL
File with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 420737

DWR USE ONLY — DO NOT FILL IN
04S04W20
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Page ___ of ___
Owner's Well No. #1
Date Work Began 9/28/2004, Ended 10/1/2004
Local Permit Agency San Mateo Environmental Health
Permit No. 04-14 Permit Date

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	60	Gravel, Sandy
60	120	Sandy Clay
120	160	Red Brown Clay Stiff
160	180	Sandy Clay
180	200	Red Brown Clay Stiff

TOTAL DEPTH OF BORING 200 (Feet)
TOTAL DEPTH OF COMPLETED WELL 200 (Feet)

NOT FOR PUBLIC DISCLOSURE CONTAINED IN WATER CODE SECTION

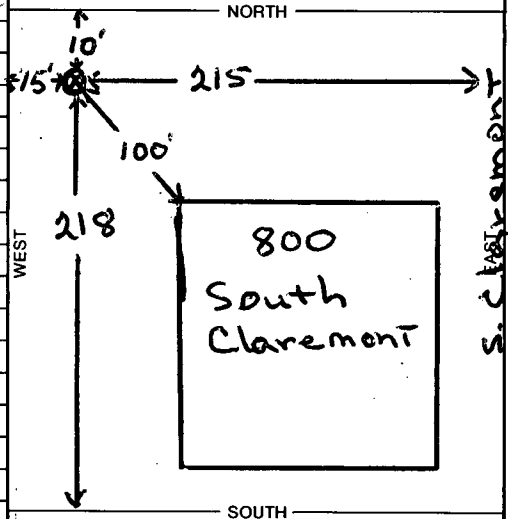
WELL OWNER

[redacted]

WELL LOCATION

Address 800 S. Claremont St.
City San Mateo
County San Mateo
APN Book 033 Page 281 Parcel 180
or Township ___ Range ___ Section ___
or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
X Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Auger FLUID ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 23 (Ft.) & DATE MEASURED 10/7/04
ESTIMATED YIELD* 40 (GPM) & TEST TYPE Pump
TEST LENGTH 4 (Hrs.) TOTAL DRAWDOWN 10 (Ft.)
** May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	20	12	X				PVC	5"	F480	
20	120	12		X			PVC	5"	SDR26	.032
120	160	12	X				PVC	5"		
160	200	12		X			PVC	5"		.032

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	X			
20	200				#3 Sand

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Garcia Well & Pump Co. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 1095 Weeks St. CITY E. Palo Alto STATE CA ZIP 94303
Signed Richard Wong WELL DRILLER/AUTHORIZED REPRESENTATIVE
DATE SIGNED 10/7/04
C-57 LICENSE NUMBER 604909

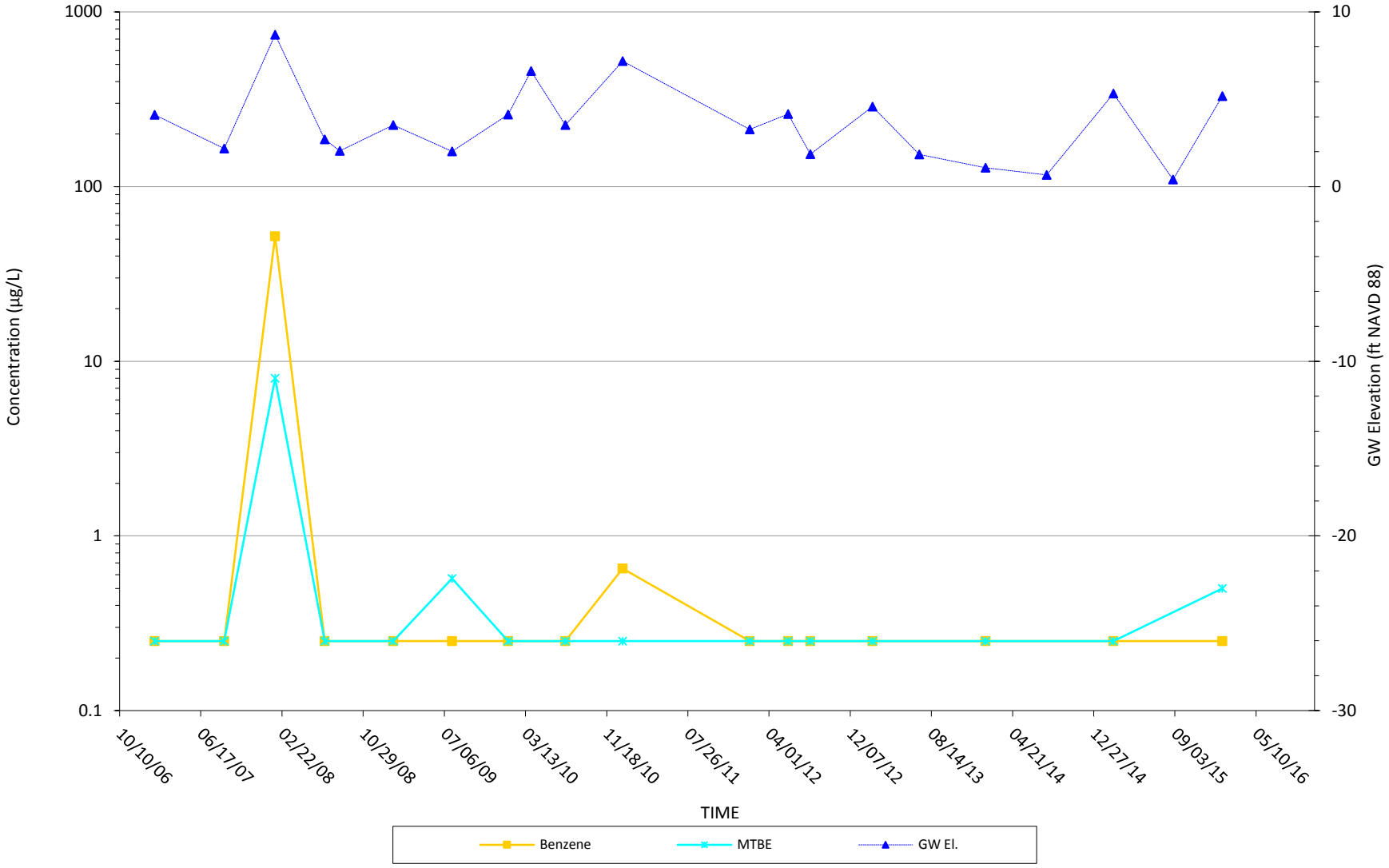
DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

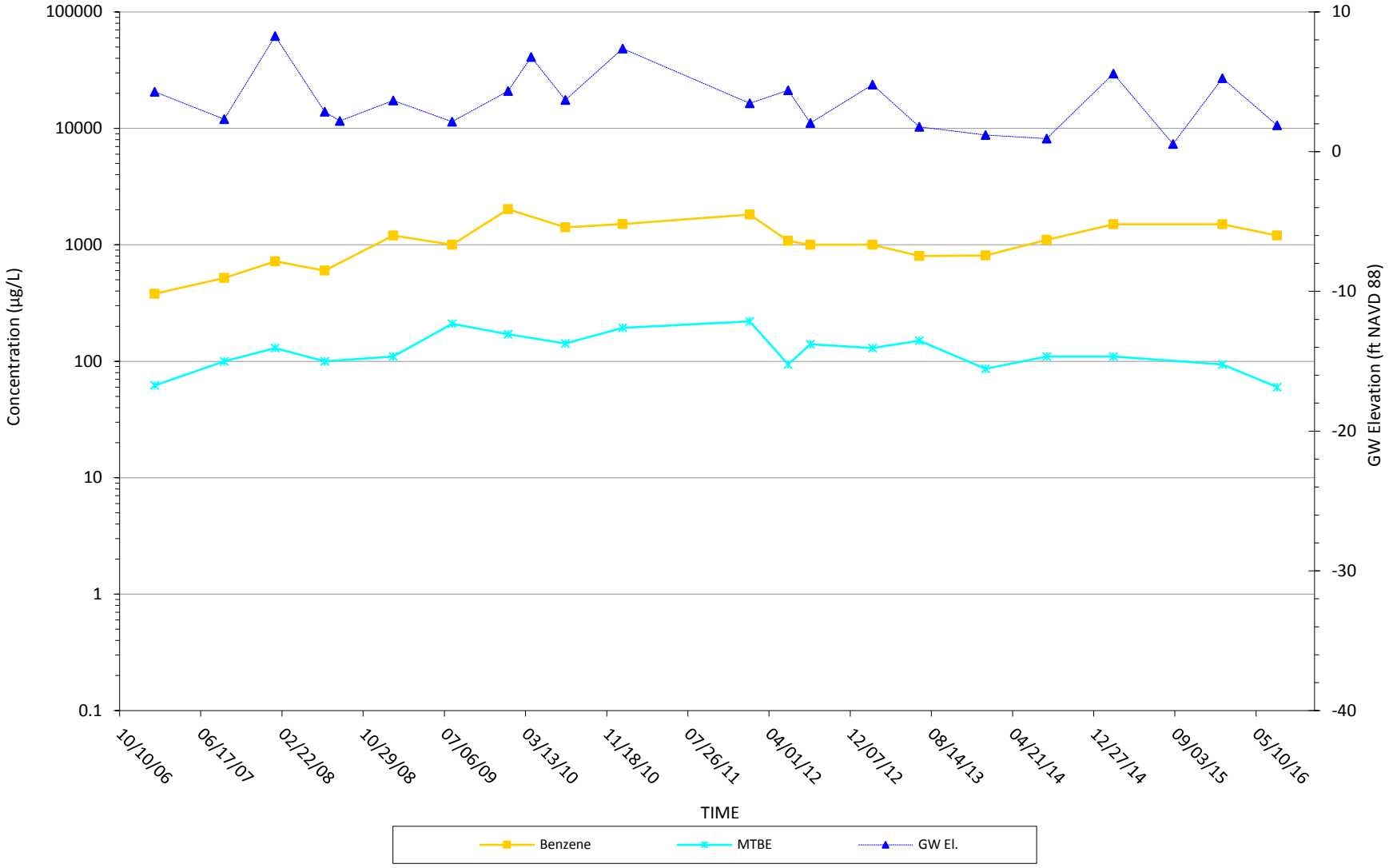
Appendix I

Time Series Graphs

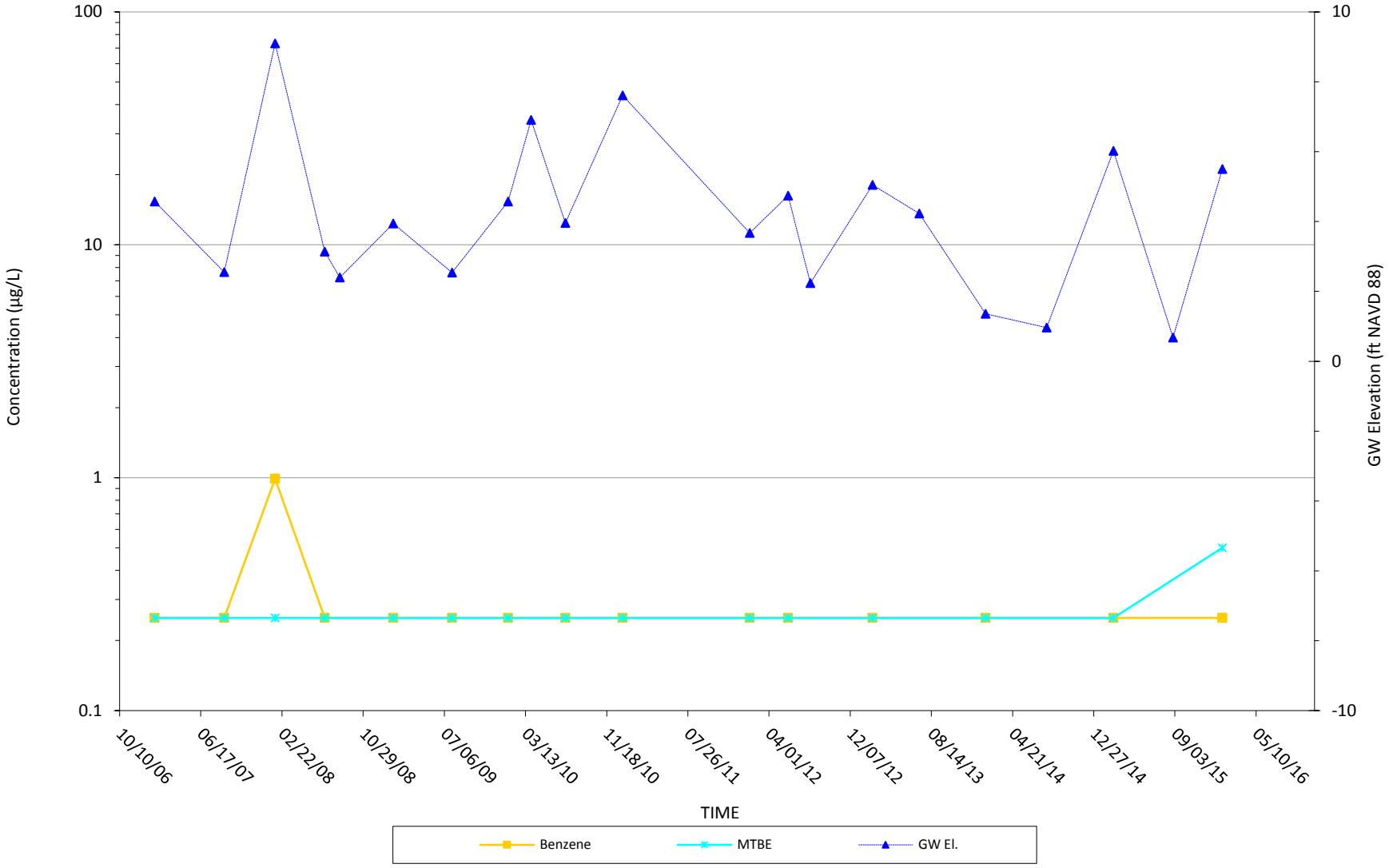
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GRO, BENZENE, MTBE CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



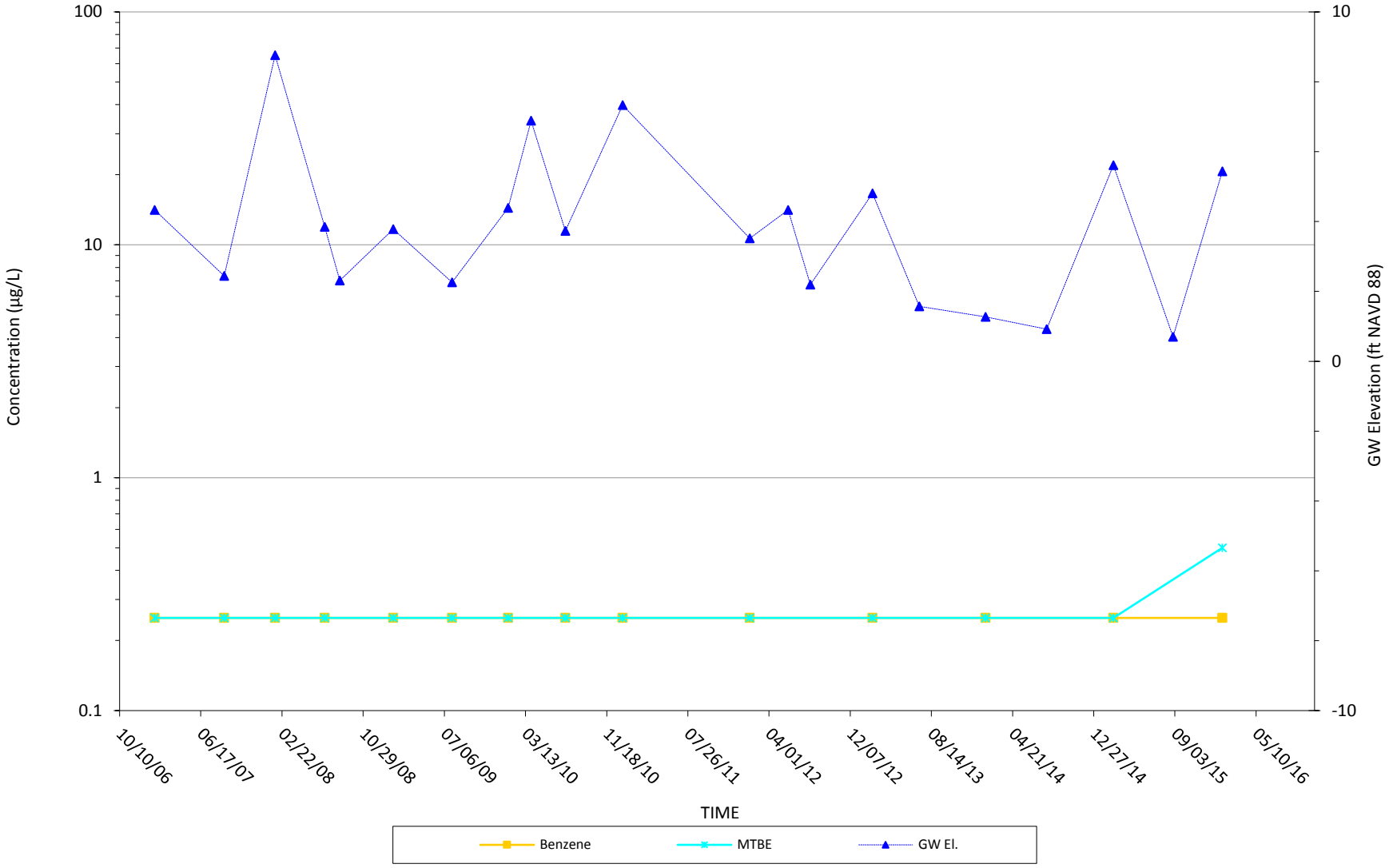
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



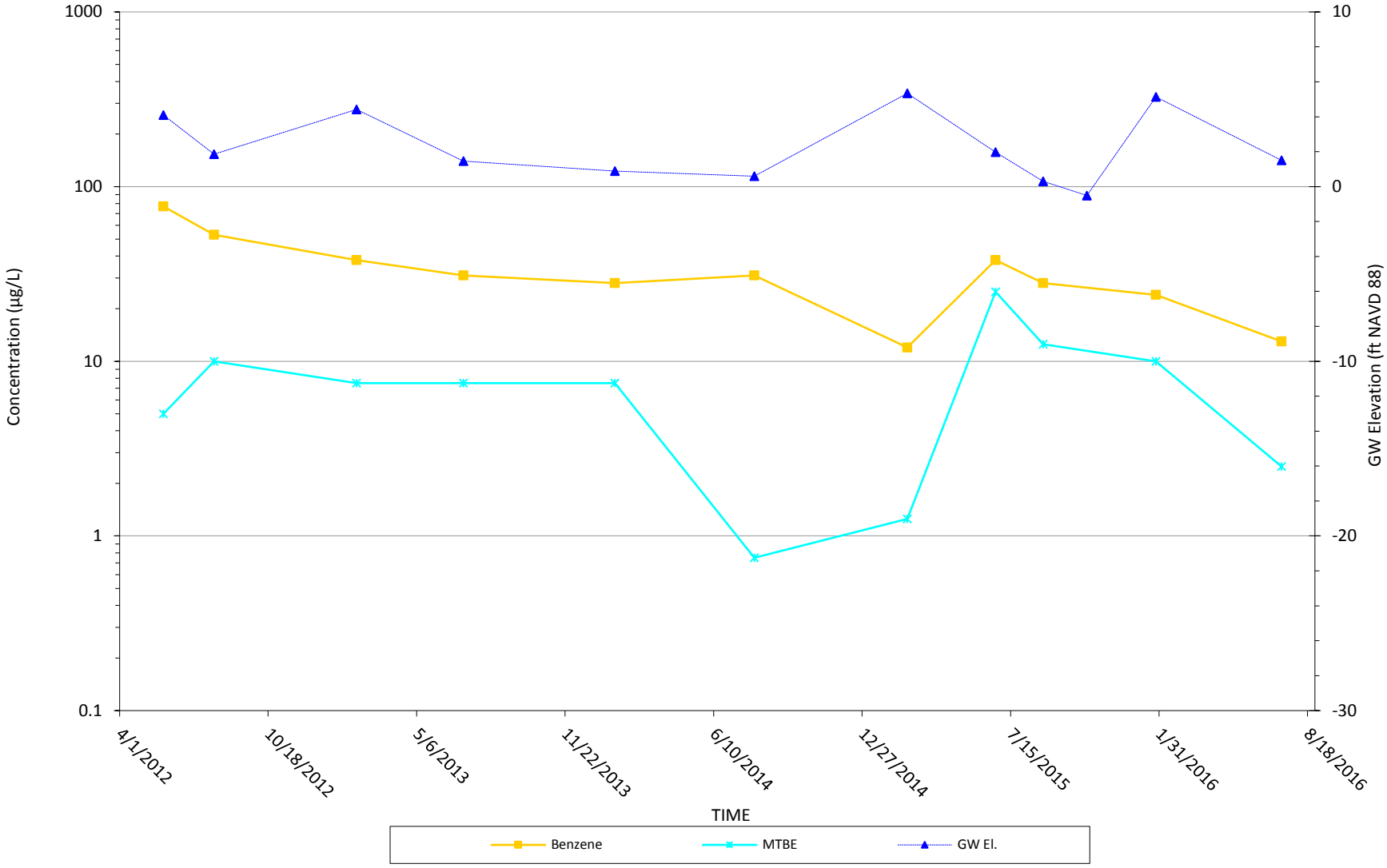
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



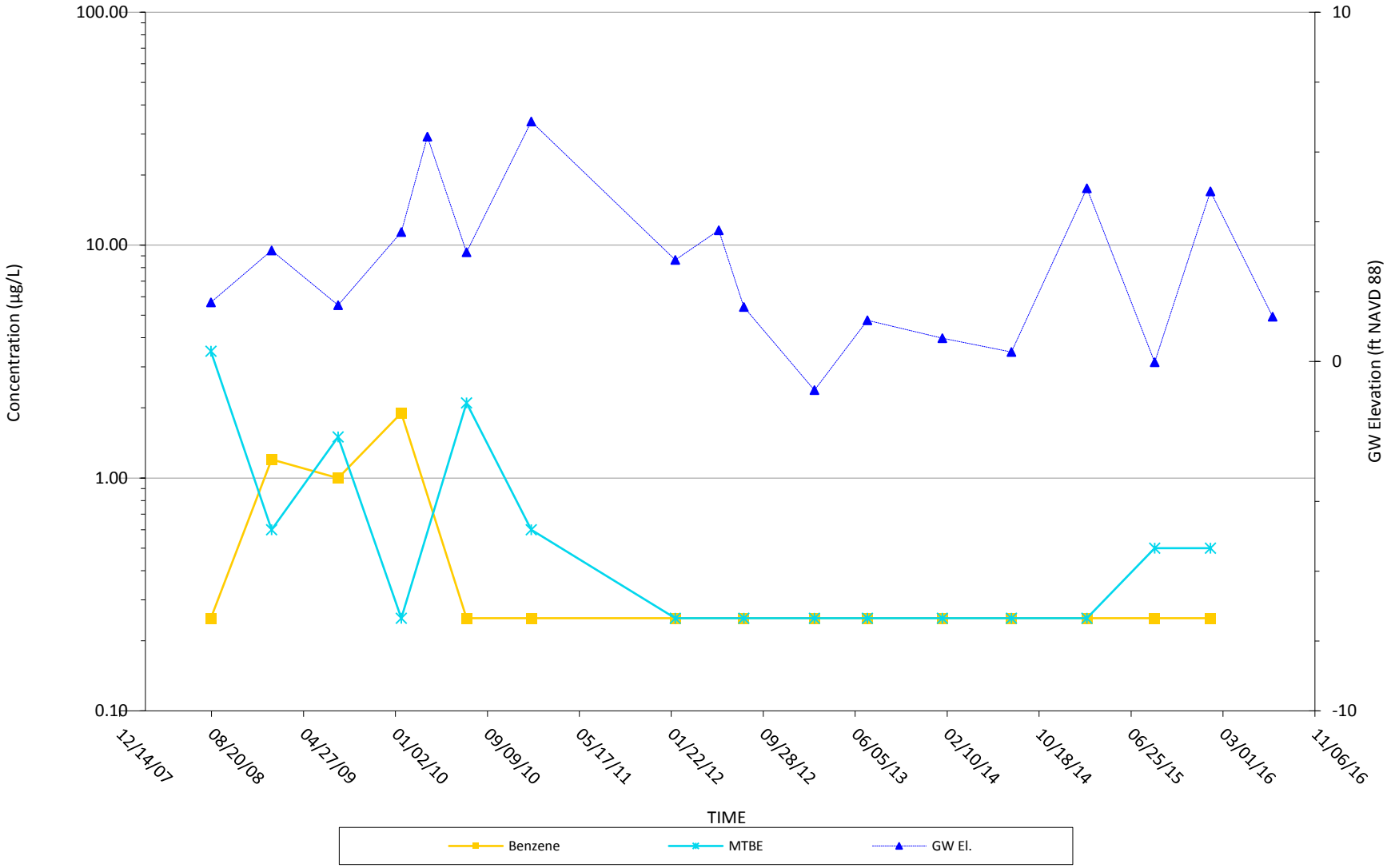
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



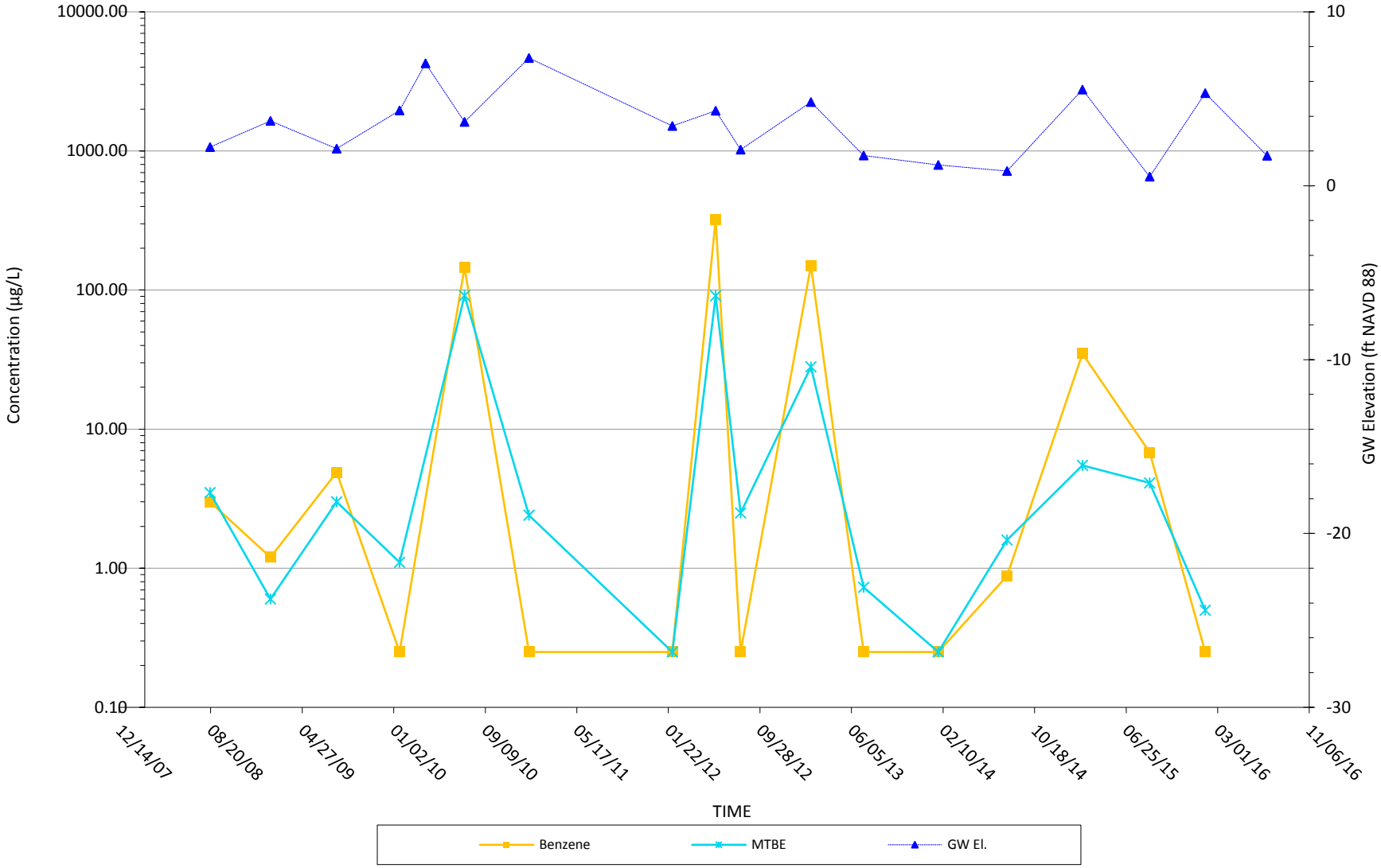
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



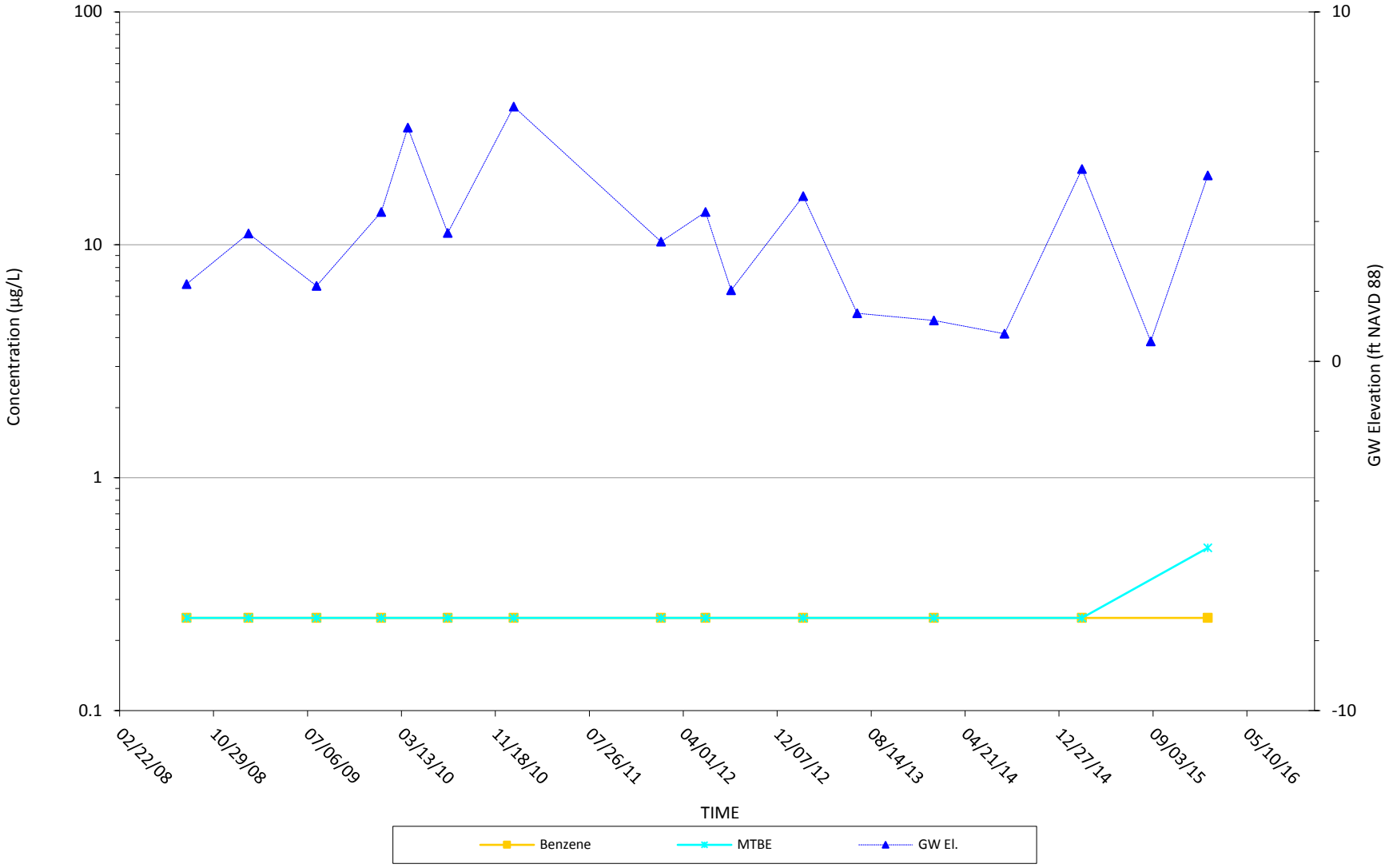
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



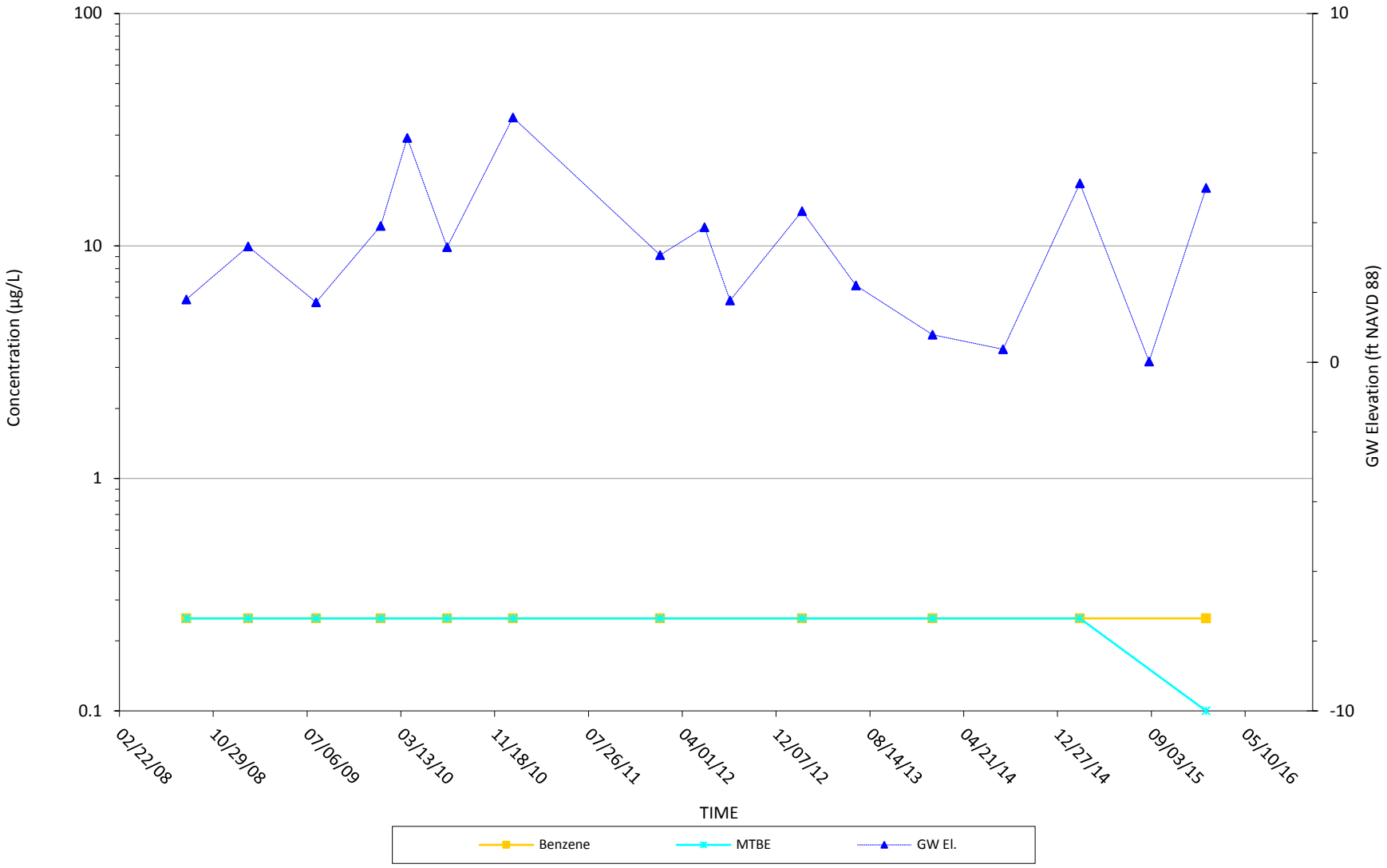
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



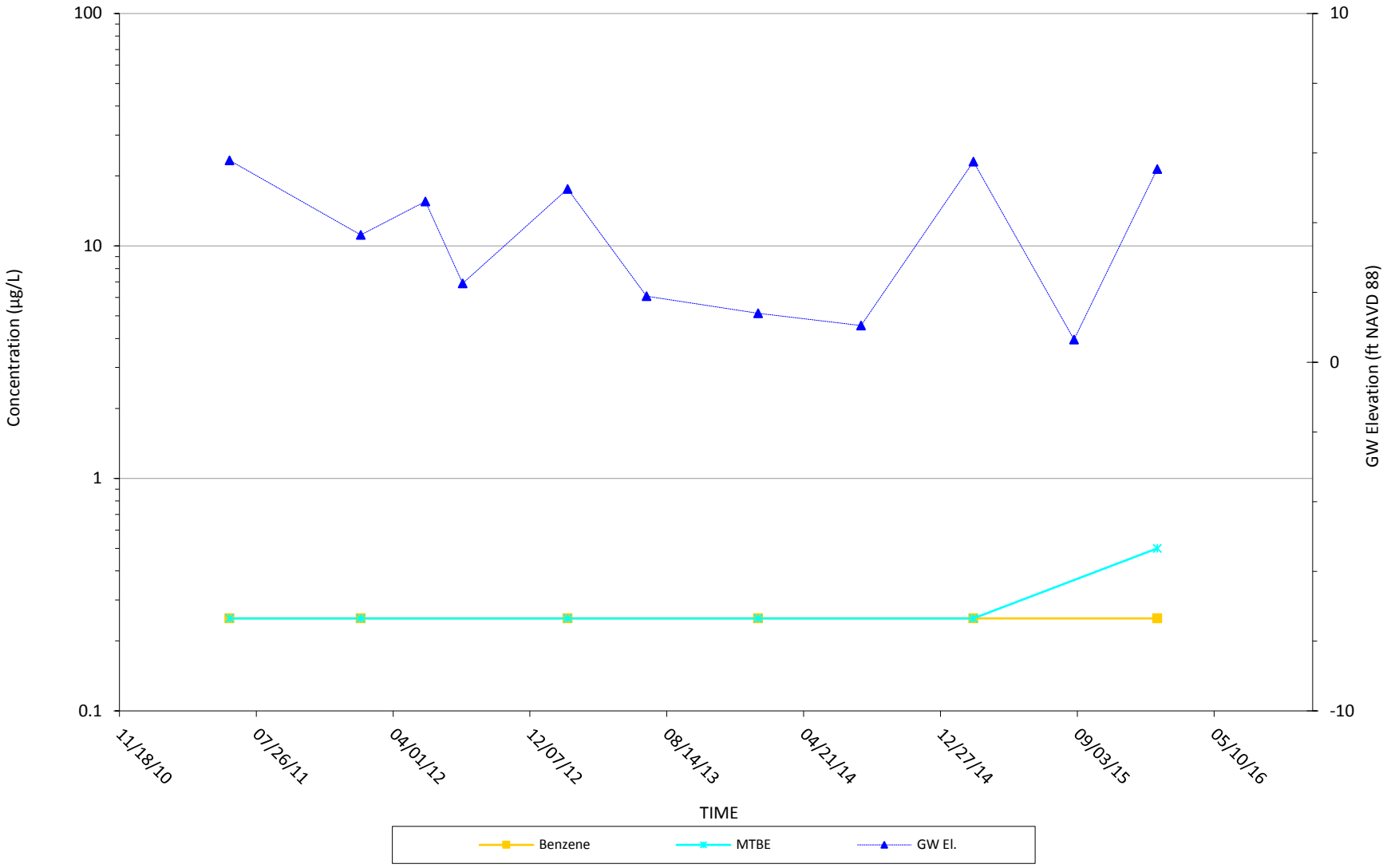
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SAN MATEO, CALIFORNIA



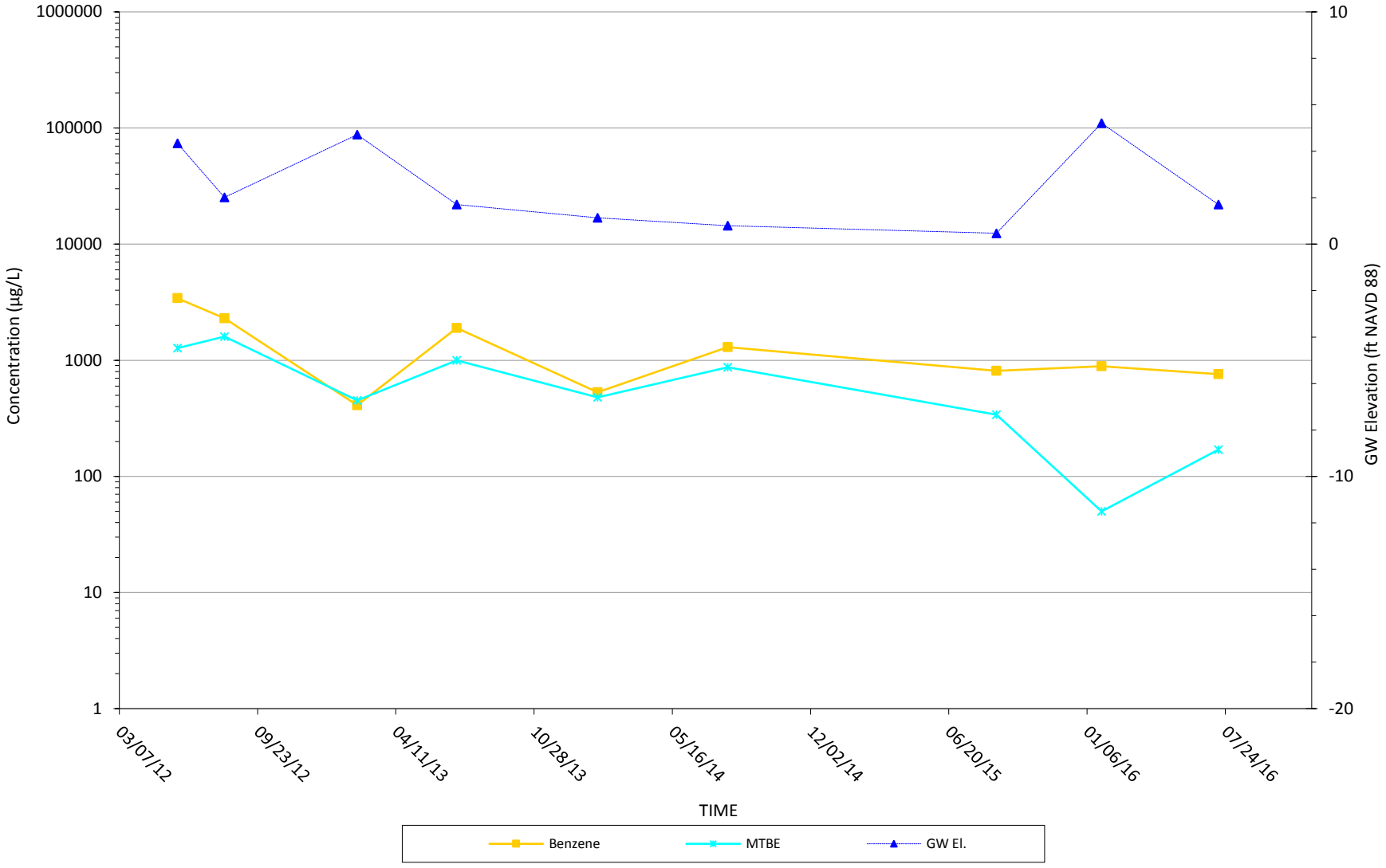
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



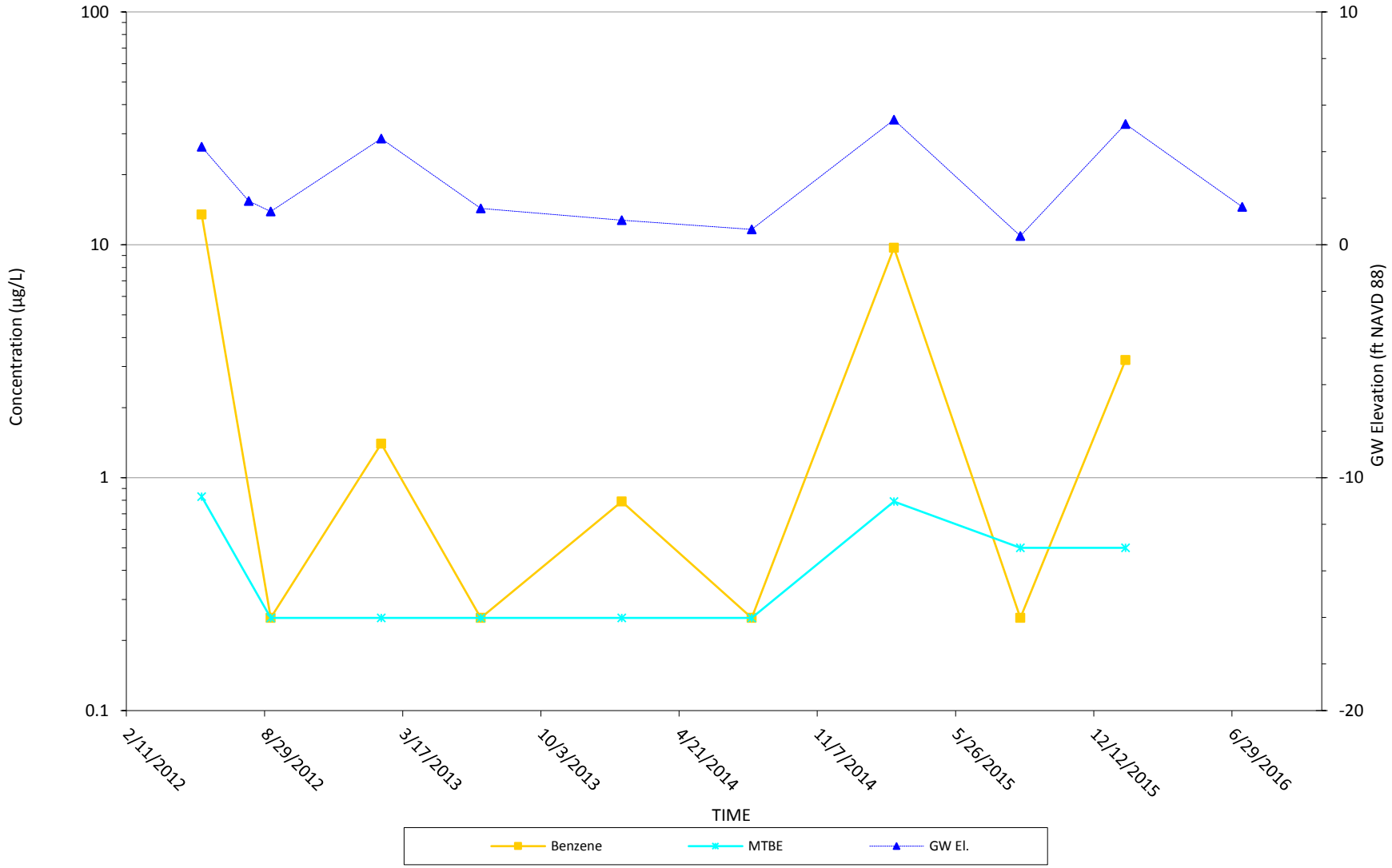
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



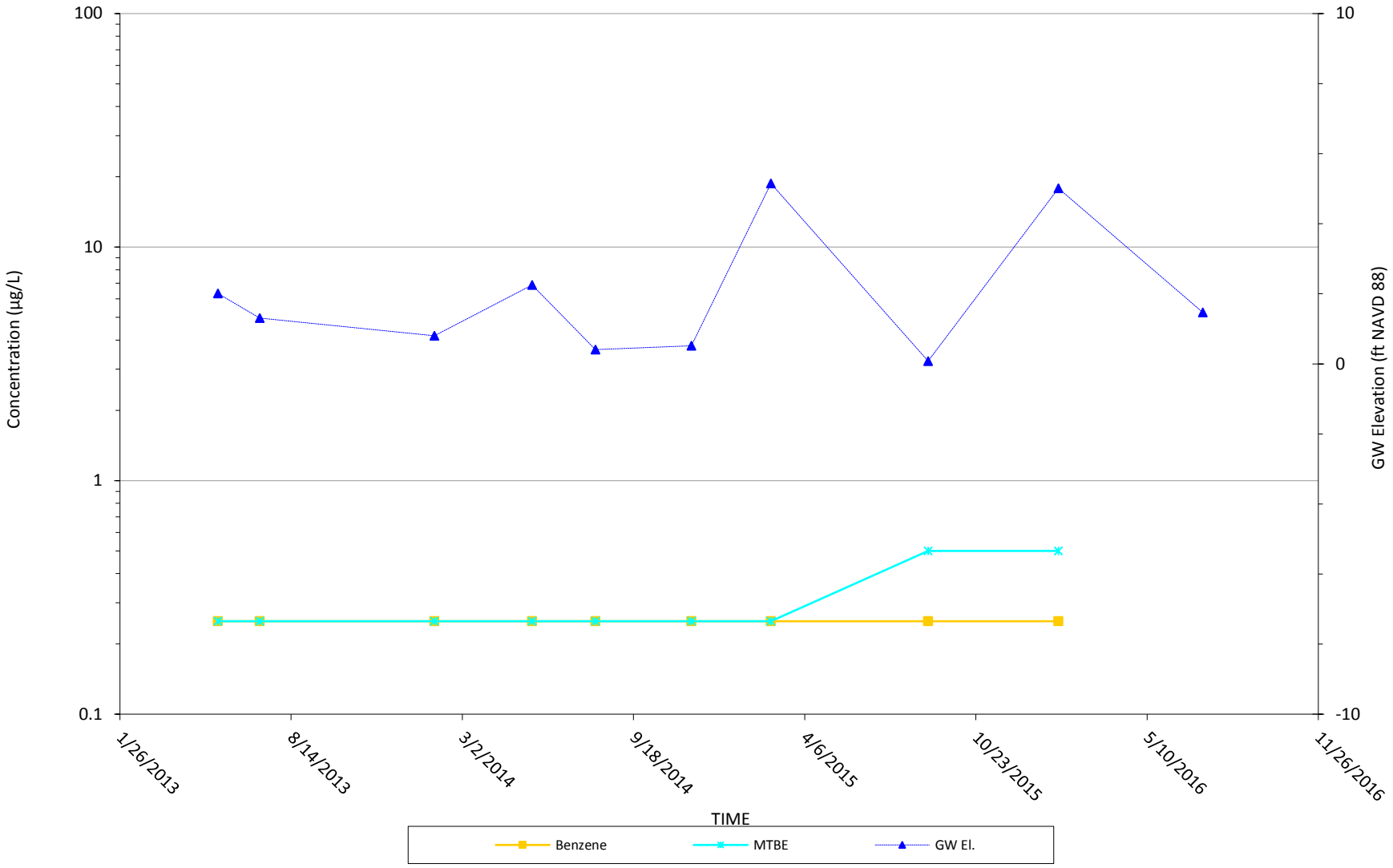
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402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



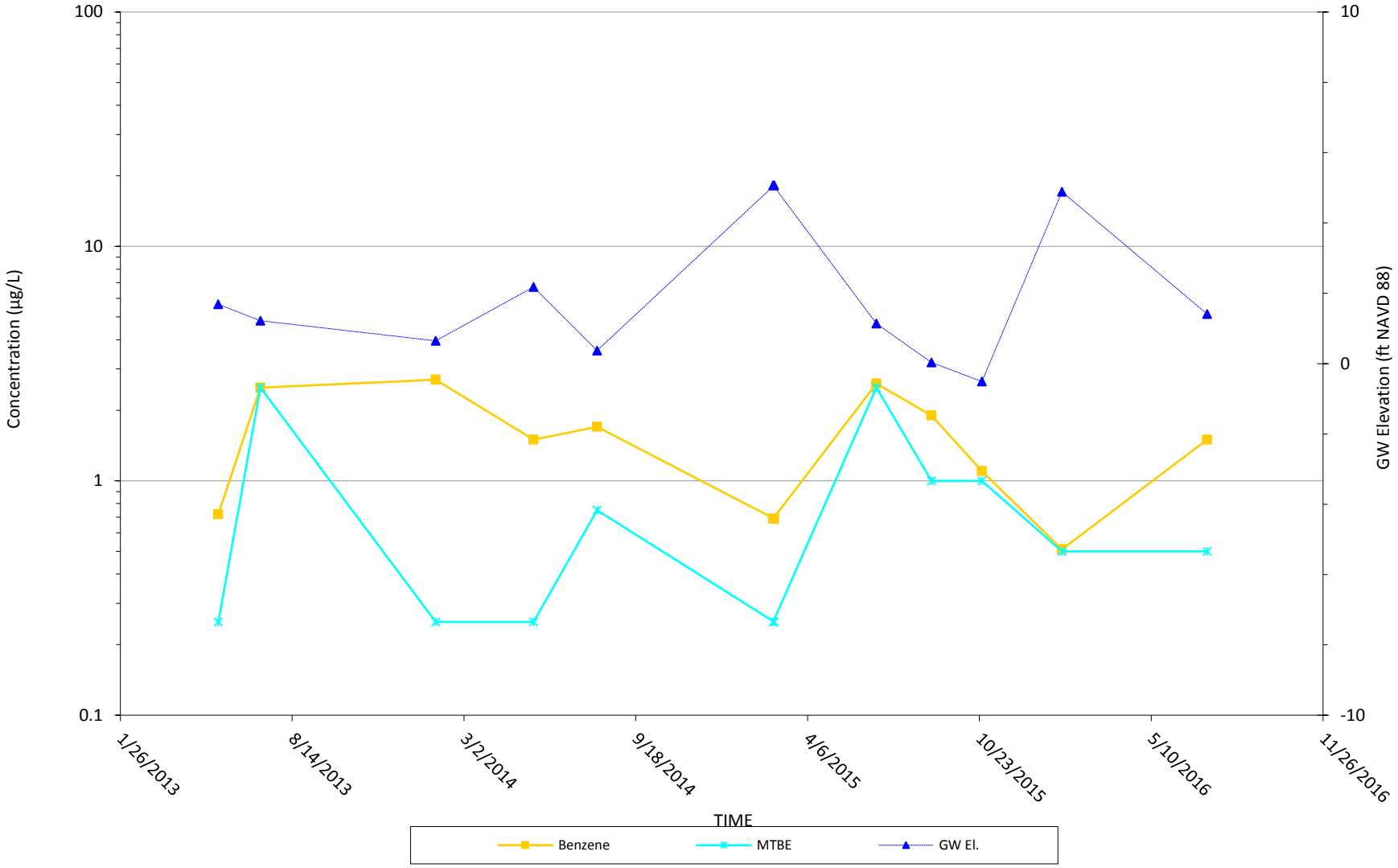
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76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



WELL MW-20
GRO, BENZENE, MTBE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



WELL MW-21
GRO, BENZENE, MTBE CONCENTRATIONS, AND GROUNDWATER ELEVATION VERSUS TIME
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA



Appendix J

Mann-Kendall Analysis Test

MANN-KENDALL TREND ANALYSIS RESULTS SUMMARY

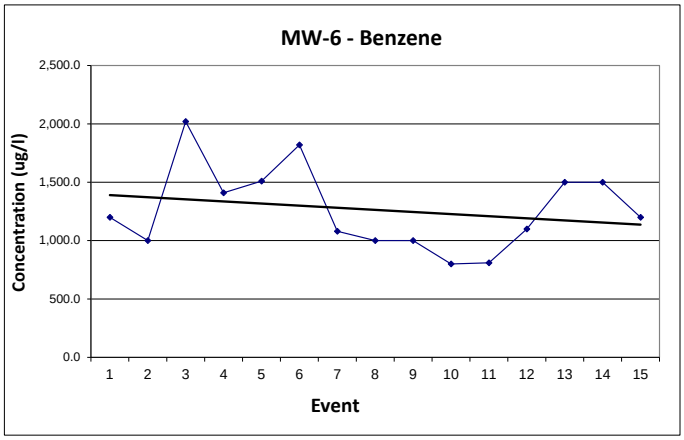
76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402

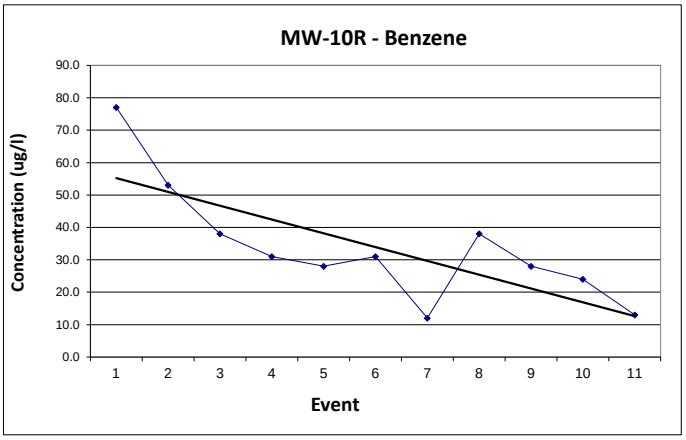
Contaminant: Benzene

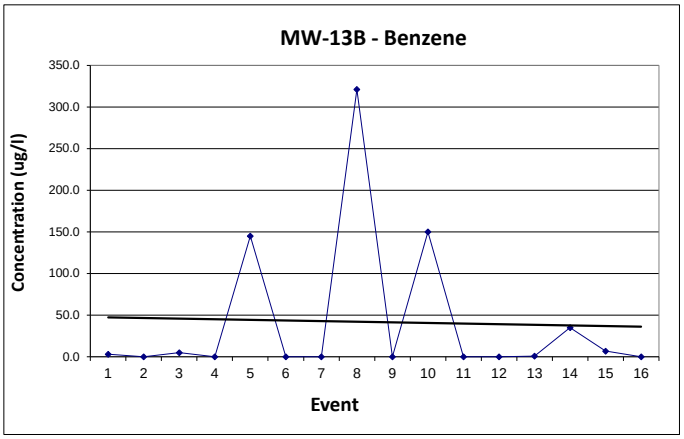
	Menu Selection Cell
	Data Entry Cell

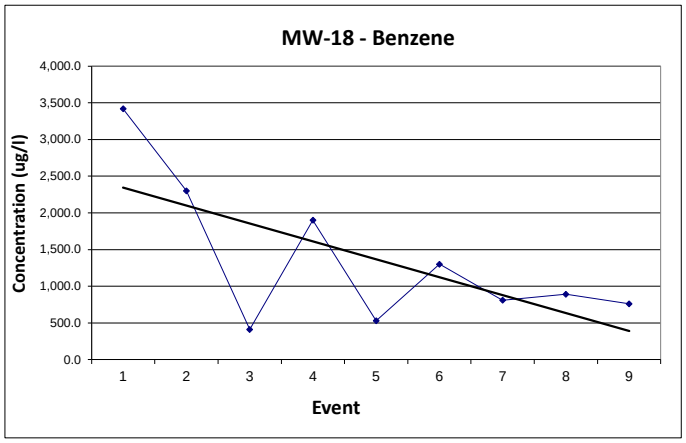
Mann-Kendall Results:	
MW-6	Stable/No Trend
MW-10R	Decreasing
MW-13B	Stable/No Trend
MW-18	Stable/No Trend
MW-21	Stable/No Trend

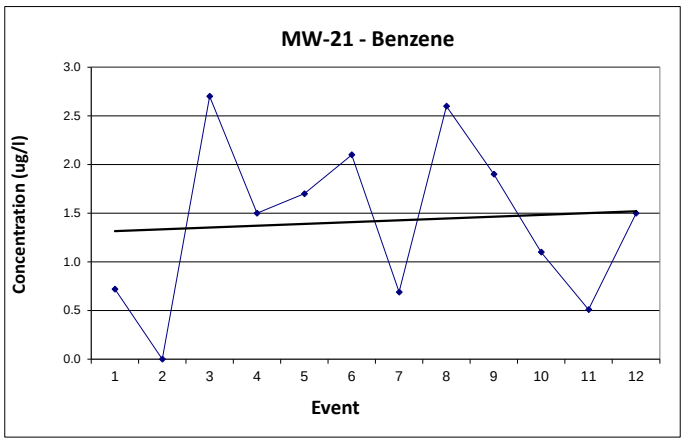
	Monitoring Wells				
	MW-6	MW-10R	MW-13B	MW-18	MW-21
Event	ug/l	ug/l	ug/l	ug/l	ug/l
1	1,200.0	77.0	3.0	3,420.0	0.7
2	1,000.0	53.0	0.0	2,300.0	0.0
3	2,020.0	38.0	4.9	410.0	2.7
4	1,410.0	31.0	0.0	1,900.0	1.5
5	1,510.0	28.0	145.0	530.0	1.7
6	1,820.0	31.0	0.0	1,300.0	2.1
7	1,080.0	12.0	0.0	810.0	0.7
8	1,000.0	38.0	321.0	890.0	2.6
9	1,000.0	28.0	0.0	760.0	1.9
10	800.0	24.0	150.0		1.1
11	810.0	13.0	0.0		0.5
12	1,100.0		0.0		1.5
13	1,500.0		0.9		
14	1,500.0		35.0		
15	1,200.0		6.8		
16			0.0		
17					
18					
19					
20					











MANN-KENDALL TREND ANALYSIS RESULTS SUMMARY
76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402

Mann-Kendall Trend: 20 Event
Contaminant: Benzene

MW-6

Evaluation	
V(S)	402.6666667
Z Well	-0.548175783
Zalpha	1.645
Stable/No Trei	**Stable/No Trend**

S Value	
Neg	Pos
56	44
S Value	-12

Count matches	
2 limit = 3	3
3 limit = 3	1
4 limit = 3	0
5 limit = 2	0
6 limit = 2	0

Events
15

Formula	Wp
2	18
2	18
0	0
3	66
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
SUM	102

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	1200	1000	2020	1410	1510	1820	1080	1000	1000	800	810	1100	1500	1500	1200					
1200		-200	820	210	310	620	-120	-200	-200	-400	-390	-100	300	300	0					
1000			1020	410	510	820	80	0	0	-200	-190	100	500	500	200					
2020				-610	-510	-200	-940	-1020	-1020	-1220	-1210	-920	-520	-520	-820					
1410					100	410	-330	-410	-410	-610	-600	-310	90	90	-210					
1510						310	-430	-510	-510	-710	-700	-410	-10	-10	-310					
1820							-740	-820	-820	-1020	-1010	-720	-320	-320	-620					
1080								-80	-80	-280	-270	20	420	420	120					
1000									0	-200	-190	100	500	500	200					
1000										-200	-190	100	500	500	200					
800											10	300	700	700	400					
810												290	690	690	390					
1100													400	400	100					
1500														0	-300					
1500															-300					
1200																				
# 0s	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	0	0	0	0	0

MW-10R

Evaluation	
V(S)	162
Z Well	-2.749859705
Zalpha	1.645
Stable/No Trei	**Decreasing**

S Value	
Neg	Pos
44	8
S Value	-36

Count matches	
2 limit = 3	3
3 limit = 3	0
4 limit = 3	0
5 limit = 2	0
6 limit = 2	0

Events
11

Formula	Wp
2	18
2	18
2	18
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
SUM	54

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	77	53	38	31	28	31	12	38	28	24	13									
77		-24	-39	-46	-49	-46	-65	-39	-49	-53	-64									
53			-15	-22	-25	-22	-41	-15	-25	-29	-40									
38				-7	-10	-7	-26	0	-10	-14	-25									
31					-3	0	-19	7	-3	-7	-18									
28						3	-16	10	0	-4	-15									
31							-19	7	-3	-7	-18									
12								26	16	12	1									
38									-10	-14	-25									
28										-4	-15									
24											-11									
13																				
# 0s	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0

MW-13B

Evaluation	
V(S)	465
Z Well	0.139121669
Zalpha	1.645
Stable/No Trei	**Stable/No Trend**

S Value	
Neg	Pos
44	48
S Value	4

Count matches	
2 limit = 3	1
3 limit = 3	1
4 limit = 3	1
5 limit = 2	1
6 limit = 2	1

Events
16

Formula	Wp
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
6	510
0	0
SUM	510

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	3	0	4.9	0	145	0	0	321	0	150	0	0	0.88	35	6.8	0				
3		-3	1.9	-3	142	-3	-3	318	-3	147	-3	-3	-2.12	32	3.8	-3				
0			4.9	0	145	0	0	321	0	150	0	0	0.88	35	6.8	0				
4.9				-4.9	140.1	-4.9	-4.9	316.1	-4.9	145.1	-4.9	-4.9	-4.02	30.1	1.9	-4.9				
0					145	0	0	321	0	150	0	0	0.88	35	6.8	0				
145						-145	-145	176	-145	5	-145	-145	-144.12	-110	-138.2	-145				
0							0	321	0	150	0	0	0.88	35	6.8	0				
0								321	0	150	0	0	0.88	35	6.8	0				
321									-321	-171	-321	-321	-320.12	-286	-314.2	-321				
0										150	0	0	0.88	35	6.8	0				
150											-150	-150	-149.12	-115	-143.2	-150				
0												0	0.88	35	6.8	0				
0													0.88	35	6.8	0				
0.88														34.12	5.92	-0.88				
35															-28.2	-35				
6.8																-6.8				
0																				
# 0s	0	0	1	0	2	3	0	4	0	5	6	0	0	0	7	0	0	0	0	0

MW-18

Evaluation	
V(S)	92
Z Well	-1.355343691
Zalpha	1.645
Stable/No Trei	**Stable/No Trend**

S Value	
Neg	Pos
25	11
S Value	-14

Count matches	
2 limit = 3	0
3 limit = 3	0
4 limit = 3	0
5 limit = 2	0
6 limit = 2	0

Events
9

Formula	Wp
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
SUM	0

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	3420	2300	410	1900	530	1300	810	890	760											
3420		-1120	-3010	-1520	-2890	-2120	-2610	-2530	-2660											
2300			-1890	-400	-1770	-1000	-1490	-1410	-1540											
410				1490	120	890	400	480	350											
1900					-1370	-600	-1090	-1010	-1140											
530						770	280	360	230											
1300							-490	-410	-540											
810								80	-50											
890									-130											
760																				
# 0s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MW-21

Evaluation	
V(S)	211.6666667
Z Well	0
Zalpha	1.645
Stable/No Trei	**Stable/No Trend**

S Value	
Neg	Pos
33	32
S Value	-1

Count matches	
2 limit = 3	1
3 limit = 3	0
4 limit = 3	0
5 limit = 2	0
6 limit = 2	0

Events
12

Formula	Wp
2	18
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
SUM	18

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	0.72	0	2.7	1.5	1.7	2.1	0.69	2.6	1.9	1.1	0.51	1.5								
0.72		-0.72	1.98	0.78	0.98	1.38	-0.03	1.88	1.18	0.38	-0.21	0.78								
0			2.7	1.5	1.7	2.1	0.69	2.6	1.9	1.1	0.51	1.5								
2.7				-1.2	-1	-0.6	-2.01	-0.1	-0.8	-1.6	-2.19	-1.2								
1.5					0.2	0.6	-0.81	1.1	0.4	-0.4	-0.99	0								
1.7						0.4	-1.01	0.9	0.2	-0.6	-1.19	-0.2								
2.1							-1.41	0.5	-0.2	-1	-1.59	-0.6								
0.69								1.91	1.21	0.41	-0.18	0.81								
2.6									-0.7	-1.5	-2.09	-1.1								
1.9										-0.8	-1.39	-0.4								
1.1											-0.59	0.4								
0.51												0.99								
1.5																				
# 0s	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

MANN-KENDALL TREND ANALYSIS RESULTS SUMMARY

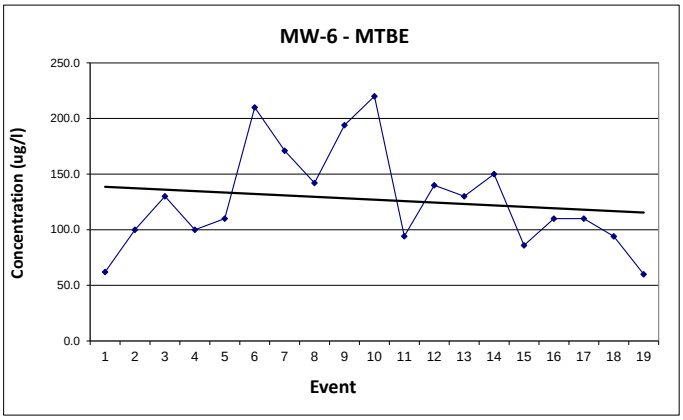
76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402

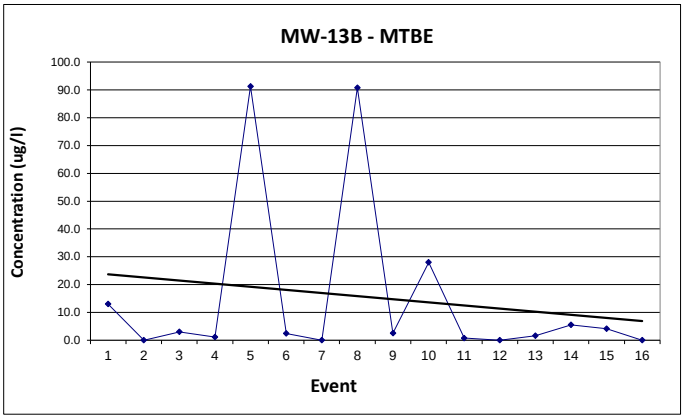
Contaminant: MTBE

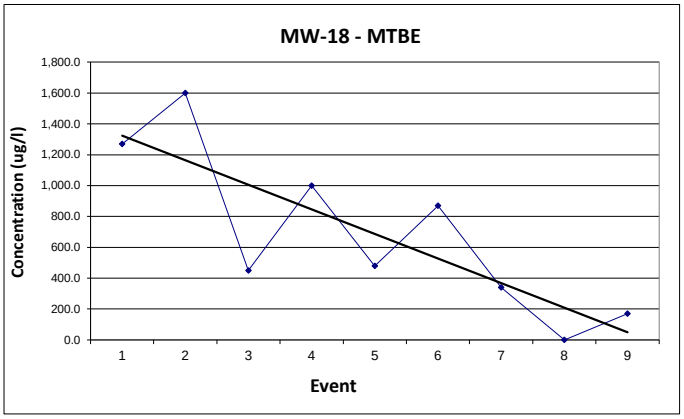
Mann-Kendall Results:	
MW-6	Stable/No Trend
MW-13B	Stable/No Trend
MW-18	Decreasing

Menu Selection Cell
Data Entry Cell

	Monitoring Wells		
	MW-6	MW-13B	MW-18
Event	ug/l	ug/l	ug/l
1	62.0	13.0	1,270.0
2	100.0	0.0	1,600.0
3	130.0	3.0	450.0
4	100.0	1.1	1,000.0
5	110.0	91.3	480.0
6	210.0	2.4	870.0
7	171.0	0.0	340.0
8	142.0	90.8	0.0
9	194.0	2.5	170.0
10	220.0	28.0	
11	94.1	0.7	
12	140.0	0.0	
13	130.0	1.6	
14	150.0	5.5	
15	86.0	4.1	
16	110.0	0.0	
17	110.0		
18	94.0		
19	60.0		
20			







MANN-KENDALL TREND ANALYSIS RESULTS SUMMARY
76 Service Station No. 6390
402 South Delaware Street
San Mateo, CA 94402

Mann-Kendall Trend: 20 Event
Contaminant: MTBE

MW-6

Evaluation	
V(S)	811.3333333
Z Well	-0.73725824
Zalpha	1.645
Stable/No Trei	**Stable/No Trend**

S Value	
Neg	Pos
94	72
S Value	-22

Count matches	
2 limit = 3	3
3 limit = 3	1
4 limit = 3	0
5 limit = 2	0
6 limit = 2	0

Events
19

Formula	Wp
2	18
2	18
0	0
3	66
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
SUM	102

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	62	100	130	100	110	210	171	142	194	220	94.1	140	130	150	86	110	110	94	60	
62		38	68	38	48	148	109	80	132	158	32.1	78	68	88	24	48	48	32	-2	
100			30	0	10	110	71	42	94	120	-5.9	40	30	50	-14	10	10	-6	-40	
130				-30	-20	80	41	12	64	90	-35.9	10	0	20	-44	-20	-20	-36	-70	
100					10	110	71	42	94	120	-5.9	40	30	50	-14	10	10	-6	-40	
110						100	61	32	84	110	-15.9	30	20	40	-24	0	0	-16	-50	
210							-39	-68	-16	10	-115.9	-70	-80	-60	-124	-100	-100	-116	-150	
171								-29	23	49	-76.9	-31	-41	-21	-85	-61	-61	-77	-111	
142									52	78	-47.9	-2	-12	8	-56	-32	-32	-48	-82	
194										26	-99.9	-54	-64	-44	-108	-84	-84	-100	-134	
220											-125.9	-80	-90	-70	-134	-110	-110	-126	-160	
94.1												45.9	35.9	55.9	-8.1	15.9	15.9	-0.1	-34.1	
140													-10	10	-54	-30	-30	-46	-80	
130														20	-44	-20	-20	-36	-70	
150															-64	-40	-40	-56	-90	
86																24	24	8	-26	
110																	0	-16	-50	
110																		-16	-50	
94																			-34	
60																				
# 0s	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0

MW-13B

Evaluation	
V(S)	484.6666667
Z Well	-0.590502549
Zalpha	1.645
Stable/No Trei	**Stable/No Trend**

S Value	
Neg	Pos
64	50
S Value	-14

Count matches	
2 limit = 3	1
3 limit = 3	1
4 limit = 3	1
5 limit = 2	0
6 limit = 2	0

Events
16

Formula	Wp
0	0
0	0
0	0
0	0
0	0
0	0
4	156
0	0
0	0
0	0
0	0
0	0
SUM	156

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	13	0	3	1.1	91.3	2.4	0	90.8	2.5	28	0.73	0	1.6	5.5	4.1	0				
13		-13	-10	-11.9	78.3	-10.6	-13	77.8	-10.5	15	-12.27	-13	-11.4	-7.5	-8.9	-13				
0			3	1.1	91.3	2.4	0	90.8	2.5	28	0.73	0	1.6	5.5	4.1	0				
3				-1.9	88.3	-0.6	-3	87.8	-0.5	25	-2.27	-3	-1.4	2.5	1.1	-3				
1.1					90.2	1.3	-1.1	89.7	1.4	26.9	-0.37	-1.1	0.5	4.4	3	-1.1				
91.3						-88.9	-91.3	-0.5	-88.8	-63.3	-90.57	-91.3	-89.7	-85.8	-87.2	-91.3				
2.4							-2.4	88.4	0.1	25.6	-1.67	-2.4	-0.8	3.1	1.7	-2.4				
0								90.8	2.5	28	0.73	0	1.6	5.5	4.1	0				
90.8									-88.3	-62.8	-90.07	-90.8	-89.2	-85.3	-86.7	-90.8				
2.5										25.5	-1.77	-2.5	-0.9	3	1.6	-2.5				
28											-27.27	-28	-26.4	-22.5	-23.9	-28				
0.73												-0.73	0.87	4.77	3.37	-0.73				
0													1.6	5.5	4.1	0				
1.6														3.9	2.5	-1.6				
5.5															-1.4	-5.5				
4.1																-4.1				
0																				
# 0s	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	3	0	0	0	0

MW-18

Evaluation	
V(S)	92
Z Well	-2.397915762
Zalpha	1.645
Stable/No Trei	**Decreasing**

S Value	
Neg	Pos
30	6
S Value	-24

Count matches	
2 limit = 3	0
3 limit = 3	0
4 limit = 3	0
5 limit = 2	0
6 limit = 2	0

Events
9

Formula	Wp
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
SUM	0

Mann-Kendall Trend: Samples > 10, Normal Approx:

Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Data	1270	1600	450	1000	480	870	340	0	170											
1270		330	-820	-270	-790	-400	-930	-1270	-1100											
1600			-1150	-600	-1120	-730	-1260	-1600	-1430											
450				550	30	420	-110	-450	-280											
1000					-520	-130	-660	-1000	-830											
480						390	-140	-480	-310											
870							-530	-870	-700											
340								-340	-170											
0									170											
170																				
# 0s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#REF!

Appendix K

Statistical Analysis Documentation

Stat Data using detection limit for non-detects

Descriptive Statistics: Benzene, Ethylbenzene, Naphthalene

Variable	Total Count	N	Mean	SE Mean	StDev	Minimum	Maximum
Benzene	50	50	0.004790	0.000249	0.001760	0.002200	0.012000
Ethylbenzene	50	50	0.004830	0.000274	0.001941	0.002200	0.014000
Naphthalene	50	8	0.005000	0.000000	0.000000	0.005000	0.005000

Benzene

One-Sample T

N	Mean	StDev	SE Mean	95% CI
50	0.004790	0.001760	0.000249	(0.004290, 0.005290)

Ethylbenzene

One-Sample T

N	Mean	StDev	SE Mean	95% CI
50	0.004830	0.001941	0.000274	(0.004278, 0.005382)

Naphthalene

One-Sample T

N	Mean	StDev	SE Mean	95% CI
8	0.005000	0.000001	0.000000	(0.004999, 0.005001)

Distribution Analysis: Benzene

Variable: Benzene

Censoring Information	Count
Uncensored value	50

Nonparametric Estimates

Characteristics of Variable

Mean(MTTF)	Standard Error	95.0% Normal Bound Upper
0.00479	0.0002489	0.0051994

Median = 0.005
IQR = 0 Q1 = 0.005 Q3 = 0.005

Kaplan-Meier Estimates

Time	Number at Risk	Number Failed	Survival Probability	Standard Error	95.0% Normal Bound Upper
0.0022	50	2	0.96	0.0277128	1.00000
0.0023	48	2	0.92	0.0383667	0.98311
0.0025	46	1	0.90	0.0424264	0.96979

0.0027	45	1	0.88	0.0459565	0.95559
0.0029	44	1	0.86	0.0490714	0.94072
0.0030	43	1	0.84	0.0518459	0.92528
0.0034	42	1	0.82	0.0543323	0.90937
0.0036	41	1	0.80	0.0565685	0.89305
0.0042	40	2	0.76	0.0603987	0.85935
0.0050	38	36	0.04	0.0277128	0.08558
0.0120	2	2	0.00	0.0000000	0.00000

Distribution Analysis: Ethylbenzene

Variable: Ethylbenzene

Censoring Information	Count
Uncensored value	50

Nonparametric Estimates

Characteristics of Variable

Mean(MTTF)	Standard Error	95.0% Normal Bound Upper
0.00483	0.0002745	0.0052815

Median = 0.005
IQR = 0 Q1 = 0.005 Q3 = 0.005

Kaplan-Meier Estimates

Time	Number at Risk	Number Failed	Survival Probability	Standard Error	95.0% Normal Bound Upper
0.0022	50	2	0.96	0.0277128	1.00000
0.0023	48	2	0.92	0.0383667	0.98311
0.0025	46	1	0.90	0.0424264	0.96979
0.0027	45	1	0.88	0.0459565	0.95559
0.0029	44	1	0.86	0.0490714	0.94072
0.0030	43	1	0.84	0.0518459	0.92528
0.0034	42	1	0.82	0.0543323	0.90937
0.0036	41	1	0.80	0.0565685	0.89305
0.0042	40	2	0.76	0.0603987	0.85935
0.0050	38	36	0.04	0.0277128	0.08558
0.0120	2	1	0.02	0.0197990	0.05257
0.0140	1	1	0.00	0.0000000	0.00000

Distribution Analysis: Naphthalene

* NOTE * 8 cases were used
* NOTE * 42 cases contained missing values

Variable: Naphthalene

Censoring Information	Count
Uncensored value	8

Nonparametric Estimates

Characteristics of Variable

Mean(MTTF)	Standard Error	95.0% Normal Bound Upper
0.005	0	0.005

Median = 0.005
IQR = 0 Q1 = 0.005 Q3 = 0.005

Kaplan-Meier Estimates

Time	Number at Risk	Number Failed	Survival Probability	Standard Error	95.0% Normal Bound Upper
0.005	8	8	0	0	0

Distribution Analysis: Benzene, Ethylbenzene, Naphthalene

Comparison of Survival Curves

Test Statistics

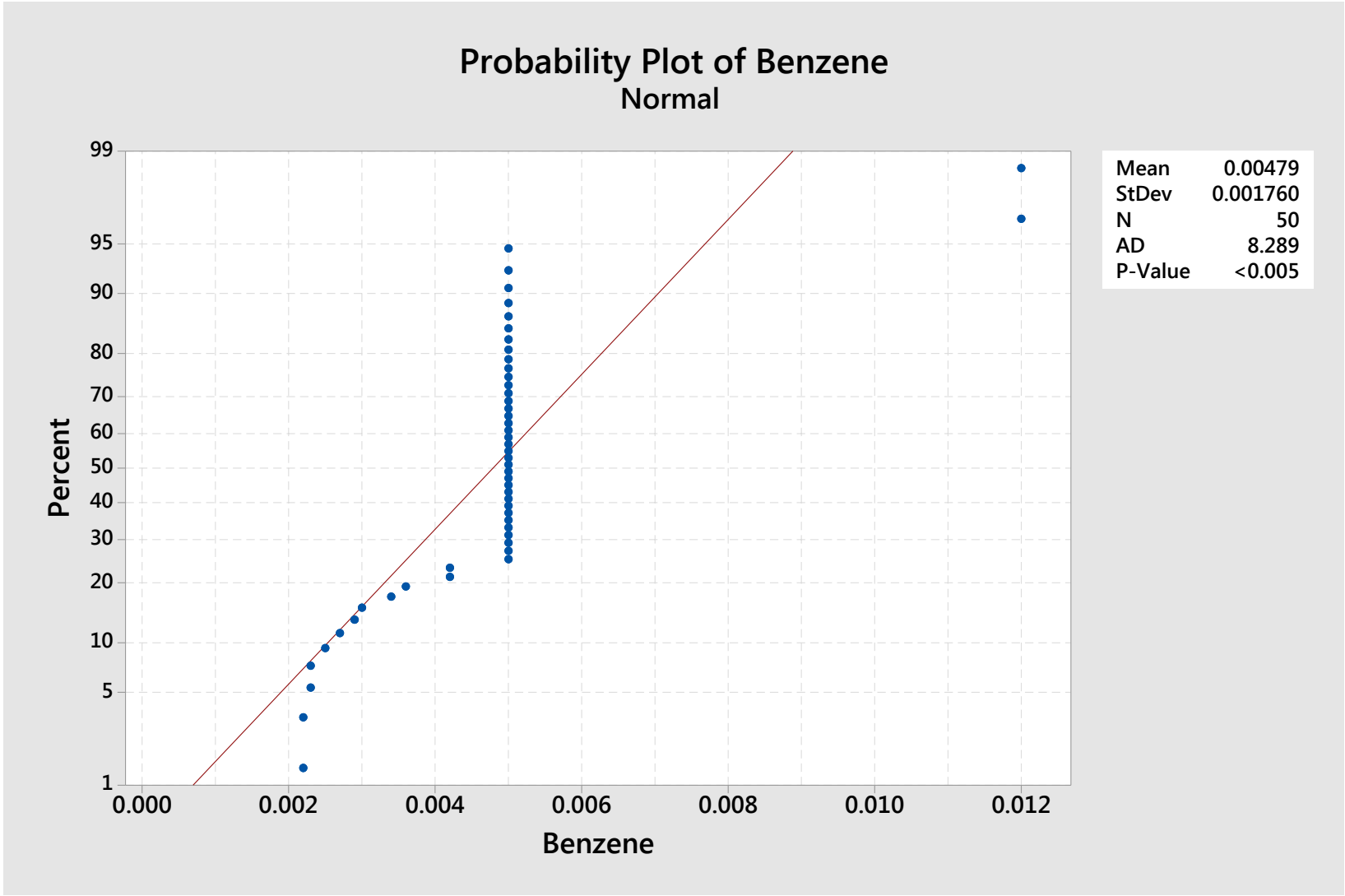
Method	Chi-Square	DF	P-Value
Log-Rank	1.24920	2	0.535
Wilcoxon	1.33537	2	0.513

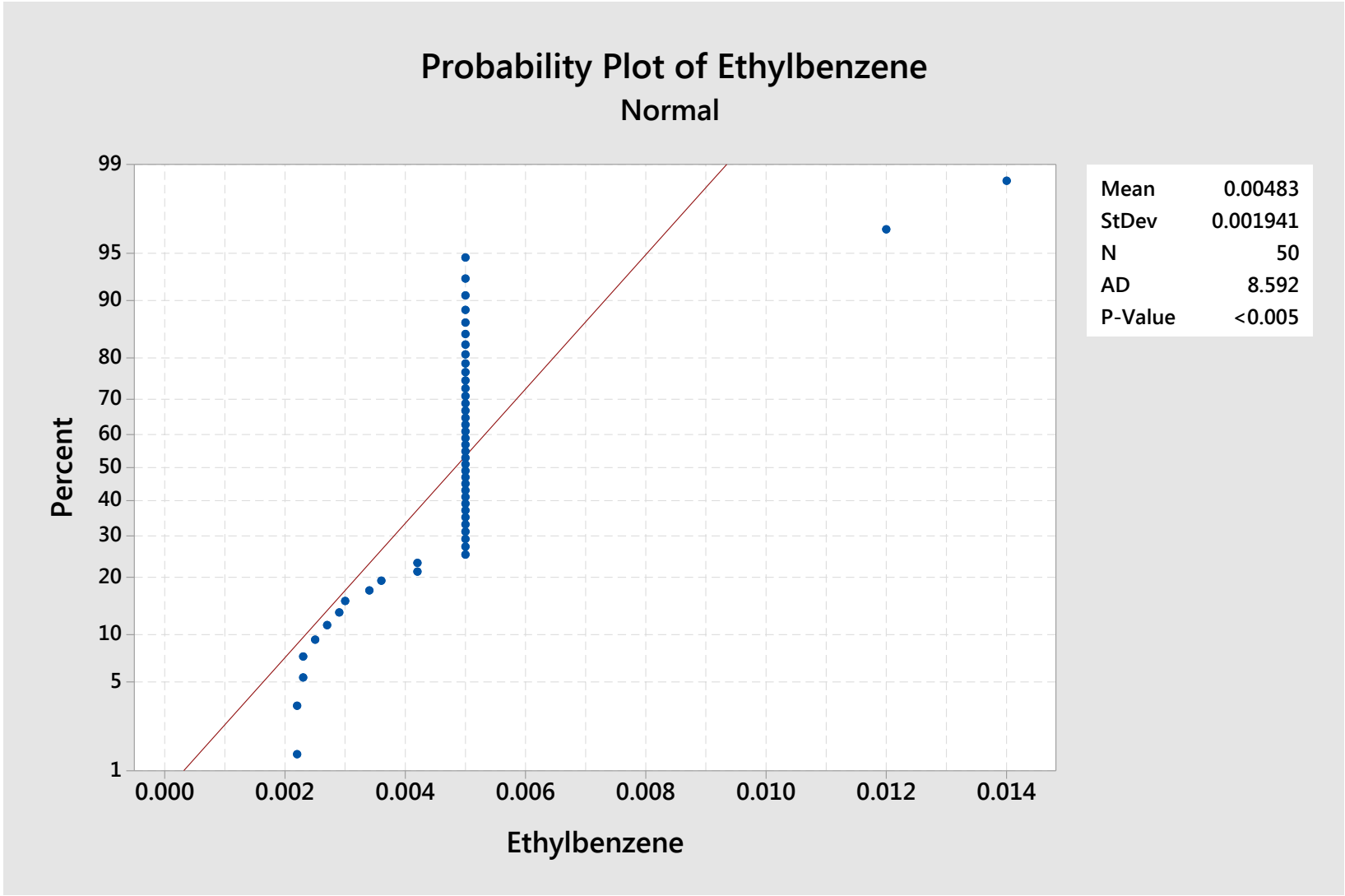
Probability Plot of Benzene

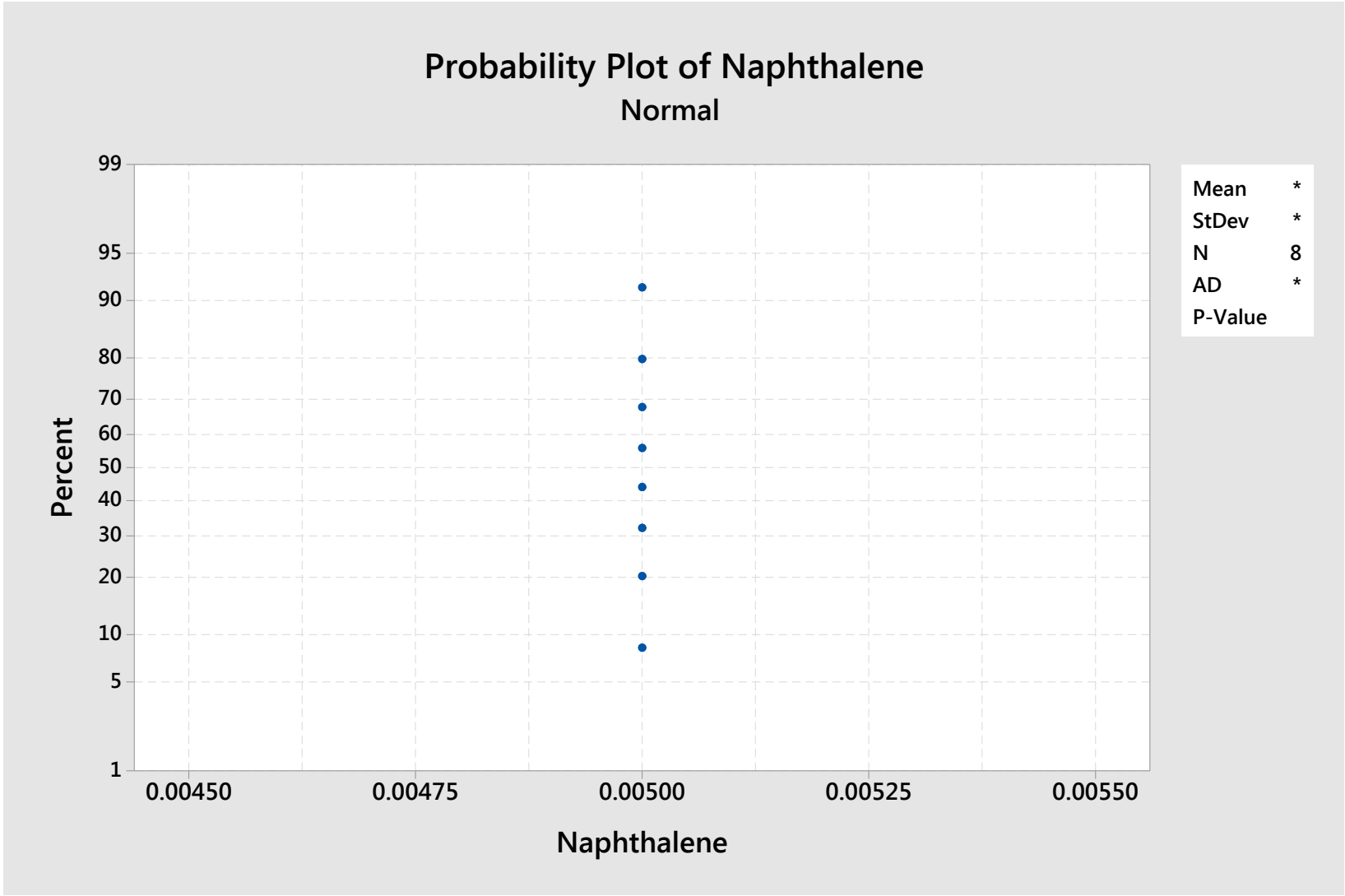
Probability Plot of Ethylbenzene

Probability Plot of Naphthalene

* NOTE * Distribution could not be fit. The number of distinct rows of data
       * must be greater than or equal to the number of estimated
       * distribution parameters.


Probability Plot of Benzene
Normal
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.000
0.002
0.004
0.006
0.008
0.010
0.012
Benzene
Mean 0.00479
StDev 0.001760
N 50
AD 8.289
P-Value <0.005


Probability Plot of Ethylbenzene
Normal
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.000
0.002
0.004
0.006
0.008
0.010
0.012
0.014
Ethylbenzene
Mean 0.00483
StDev 0.001941
N 50
AD 8.592
P-Value <0.005


Probability Plot of Naphthalene
Normal
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.00450
0.00475
0.00500
0.00525
0.00550
Naphthalene
Mean *
StDev *
N 8
AD *
P-Value

SAN MATEO COUNTY GROUNDWATER PROTECTION PROGRAM
CASE CLOSURE MEMORANDUM

TO: File

FROM: Groundwater Protection Program (GGP) Staff

DATE: March 27, 2018

SUBJECT: SMCo. LUFT Case #110069 / RO534
APN: 034-186-110
UNOCAL STATION #6390
402 SOUTH. DELAWARE STREET
SAN MATEO, CA 94401

SITE DESCRIPTION

The subject site is located on the southern corner of the intersection of E. Fourth Avenue and South Delaware Street in San Mateo, California, approximately 2,000 feet southwest of Highway 101 (Figures 1 and 2). The site is currently a 76-branded service station. The product storage and dispensing facilities consist of two 12,000-underground gasoline storage tanks (USTs), one 550-gallon waste oil UST, three dispenser islands, and associated piping (Figure 2).

The property is owned by the Linda B. Spady Trust and leased by Platinum Energy. The parcels immediately west, northwest, north, and northeast of the site are used for commercial purposes. Those immediately east and south of the service station are used for residential purposes. An office complex is adjacent to the southeast edge of the site.

LOCAL AND REGIONAL HYDROGEOLOGY

The subject site is approximately 20 feet above North American Vertical Datum-1988. Drilling logs indicate the underlying soils consist of sand and gravel interbedded with silt and lesser amounts of clay to a depth of approximately 40 feet below grade (fbg; maximum depth drilled). Silt was generally reported within 5 feet of grade.

The site is in the San Mateo Plain sub-basin of the Santa Clara Valley groundwater basin according to the Water Quality Control Plan prepared by the Regional Water Quality Control Board (RWQCB). Groundwater in this sub-basin is designated beneficial for municipal and industrial uses and potentially beneficial for agricultural uses.

Monitoring well gauging data collected since 1994 indicate depth to groundwater has fluctuated between approximately 7 and 21 fbg (commonly approximately 11 to 17 fbg). Groundwater gradient direction has predominantly been reported toward the east. Two residential irrigation wells were reported between 700 and 1,000 feet north and northeast of the site and a September 2008 report identified numerous basements above the eastern limits of the gasoline plume. The nearest surface water body is San Mateo Creek approximately 1,200 feet north of the site.

FUEL RELEASE IDENTIFICATION

The super unleaded gasoline UST (southeastern fuel UST) failed a tank integrity test in June 1992. Two 12,000-gallon gasoline USTs and associated piping and one 550-gallon waste oil UST were subsequently replaced in August 1992. A crack was reported in the eastern end of the super unleaded UST and two holes were reported in the waste oil UST (the crack in the fuel UST was reportedly caused by subsurface drilling). Soil samples collected during UST and line replacement activities removal contained up to 5,000 mg/kg of TPH-gas and 47 mg/kg of benzene (Sample B2; refer to Figure 3 and Table 1). Therefore, GPP staff, in a letter dated August 11, 1992, named Unocal Corporation as the party responsible for assessing and remediating the unauthorized release to the extent necessary to protect human health, environment, and water quality.

Figures 2 through 6 show the location of investigative samples. The laboratory results from the analysis of soil, groundwater, and subsurface vapor samples are listed on Tables 1 through 3.

JUSTIFICATION FOR CASE CLOSURE

It appears the subject site satisfies the criteria specified in the State Water Resources Control Board's Low-Threat UST Case Closure Policy (LTCP).

General LTCP Criteria

a) **The unauthorized release is located within the service area of a public water system.**

   Yes. Public water is supplied by California Water Supply (Bayshore District)

b) **The unauthorized release consists only of petroleum.**

   Yes. The release consists of gasoline. The chlorinated solvent concentrations detected in soil and groundwater samples appears to have originated from an offsite source.

c) **The unauthorized ("primary") release from the UST system been stopped.**

   Yes. The product piping and the waste oil and gasoline USTs were replaced in 1992.

d) **Free product has been removed to the maximum extent practicable.**

   Yes. Free product was observed floating on groundwater within the fuel UST cavity during 1992 tank removal. Approximately 5,800 gallons of this groundwater/free product mixture was removed and the northeast half of the fuel UST cavity was excavated to approximately 22 fbg. These activities appear to have removed free product to extent practicable because product was not reported in subsequent monitoring wells.

e) **A conceptual site model that assesses the nature, extent, and mobility of the release been developed.**

   Yes. Gasoline released from the super unleaded gasoline UST directly impacted groundwater because the gasoline USTs were surrounded by permeable sand or pea gravel to a depth approximating the depth to groundwater. The removal and disposal of this

backfill during UST replacement activities removed most of the impact to unsaturated zone soil. Significant residual hydrocarbon impact remains within the smear zone immediately east and southeast of the fuel UST cavity and under South Delaware Street. The soil sampling results from the boring drilled for Monitoring Well MW-13B suggest the vertical extent of this residual impact is assessed and between approximately 13 and 24 fbg.

The lateral extent of TPH-gas in groundwater extends approximately 300 to 400 feet downgradient (east) of the fuel UST cavity and the dissolved-phase benzene plume extends 150 to 200 feet east of the fuel UST cavity based on the laboratory analysis of groundwater samples collected from the surrounding borings and wells (Figures 5 and 6; MTBE is no longer considered a substance of significant concern). The trend in the hydrocarbon concentrations reported in the groundwater samples suggests the gasoline plume is stable to shrinking.

The laboratory results from the analysis of the subsurface vapor samples collected from onsite vapor sampling wells VP-1 through VP-3 were below the threshold concentrations listed in Appendix 4 of the LTCP. The LTCP excludes operating service stations from vapor intrusion evaluation and the results from SV-1 do not suggest an unusual vapor condition.

The laboratory results from the analysis of the offsite vapor samples collected from sub-slab vapor sampling probes SS-1 through SS-4 were below current Environmental Screening Levels (ESLs) established by the RWQCB for gasoline constituents in sub-slab vapor. The dissolved-phase benzene concentrations reported in downgradient groundwater samples collected from MW-21 and MW-12B were below the threshold concentrations listed in Appendix 3 of the LTCP.

f) Secondary source been removed to the extent practicable.

Yes. Excavation of the northeast half of the gasoline UST cavity to approximately 22 fbg appears to have removed secondary source to the extent practicable.

g) Soil or groundwater been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15.

Yes.

h) A nuisance condition, as defined by Water Code section 13050, does not exist.

No nuisance conditions were identified.

i) Any unique site attributes or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents.

No unique attributes were identified.

LTCP Media Specific Criteria - Groundwater

It appears the residual hydrocarbon plume extends approximately 300 to 400 feet from the source area. However, the groundwater conditions at the subject site do not satisfy the criteria for Class 4 of LTCP because the residual benzene concentrations in groundwater exceed 1,000 ug/l (MW-6 and potentially SB-7 and SB-9) and two residential irrigation wells were identified between 700 and 1,000 feet north and northeast of the site. That said, the lateral extent of the benzene exceedance in groundwater appears limited to the immediate vicinity of the fuel UST cavity, the dissolved-phase plume is stable and not directed toward the residential wells, and the residential wells do not likely generate a large cone of depression. Therefore, GPP consider groundwater conditions suitable for closure under Class 5 of the LTCP.

LTCP Media Specific Criteria – Petroleum Vapor Intrusion to Indoor Air

The LTCP does not consider it necessary to evaluate vapor intrusion risk at operating service stations unless unique conditions are identified. The subsurface vapor sampling results from wells VP-1 through VP-3 were below the threshold concentrations listed in of Appendix 4 of the LTCP and do not suggest a unique condition is present.

The benzene, ethylbenzene, and naphthalene concentrations reported in the sub-slab vapor samples collected from offsite SS-1 through SS-4 were below the ESLs established by the RWQCB for sub-slab vapor. In addition, the downgradient dissolved-phase benzene concentrations in the groundwater samples collected from MW-21 and MW-12B were below the threshold concentrations listed in Appendix 3 of the LTCP. Therefore, no significant vapor intrusion risk appears to exist to the occupants of the adjacent commercial building (SS-1 and SS-2) and downgradient residents (SS-3 and SS-4 and the residents with downgradient basements).

LTCP Media Specific Criteria – Direct Contact and Outdoor Air Exposure

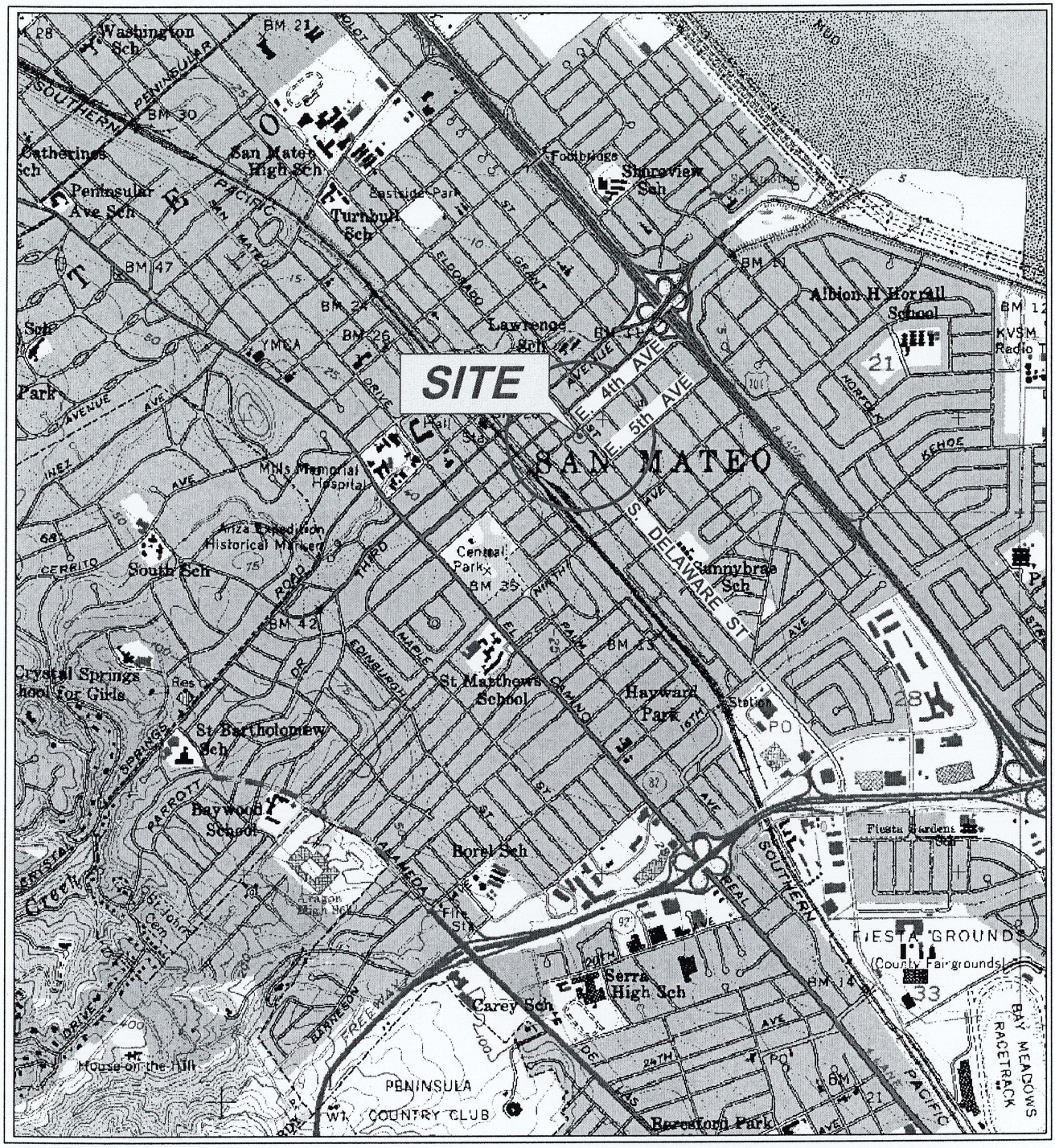
No soil samples collected within 10 feet of ground surface and outside the limits of the fuel UST cavity contained benzene, ethylbenzene, or naphthalene in concentrations exceeding the commercial use direct contact and outdoor air thresholds listed on Table 1 of the LTCP. The soil backfill in the fuel UST cavity is not a concern because it was transported to a disposal facility.

RECOMMENDATIONS

Based on investigative findings and other information known to GPP staff, it appears LTCP criteria have been satisfied, residual dissolved-phase hydrocarbons will naturally degrade to RWQCB Water Quality Objectives within a reasonable time, and the waters of the State have not been significantly impacted. Therefore, all appropriate response actions appear complete and further investigation, remedial/removal actions, or monitoring of the release does not appear warranted.

Deno G. Milano, Hazardous Materials Specialist

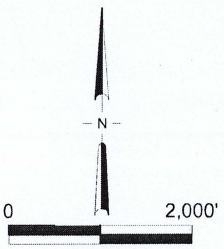
3-28-2018
Date



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION



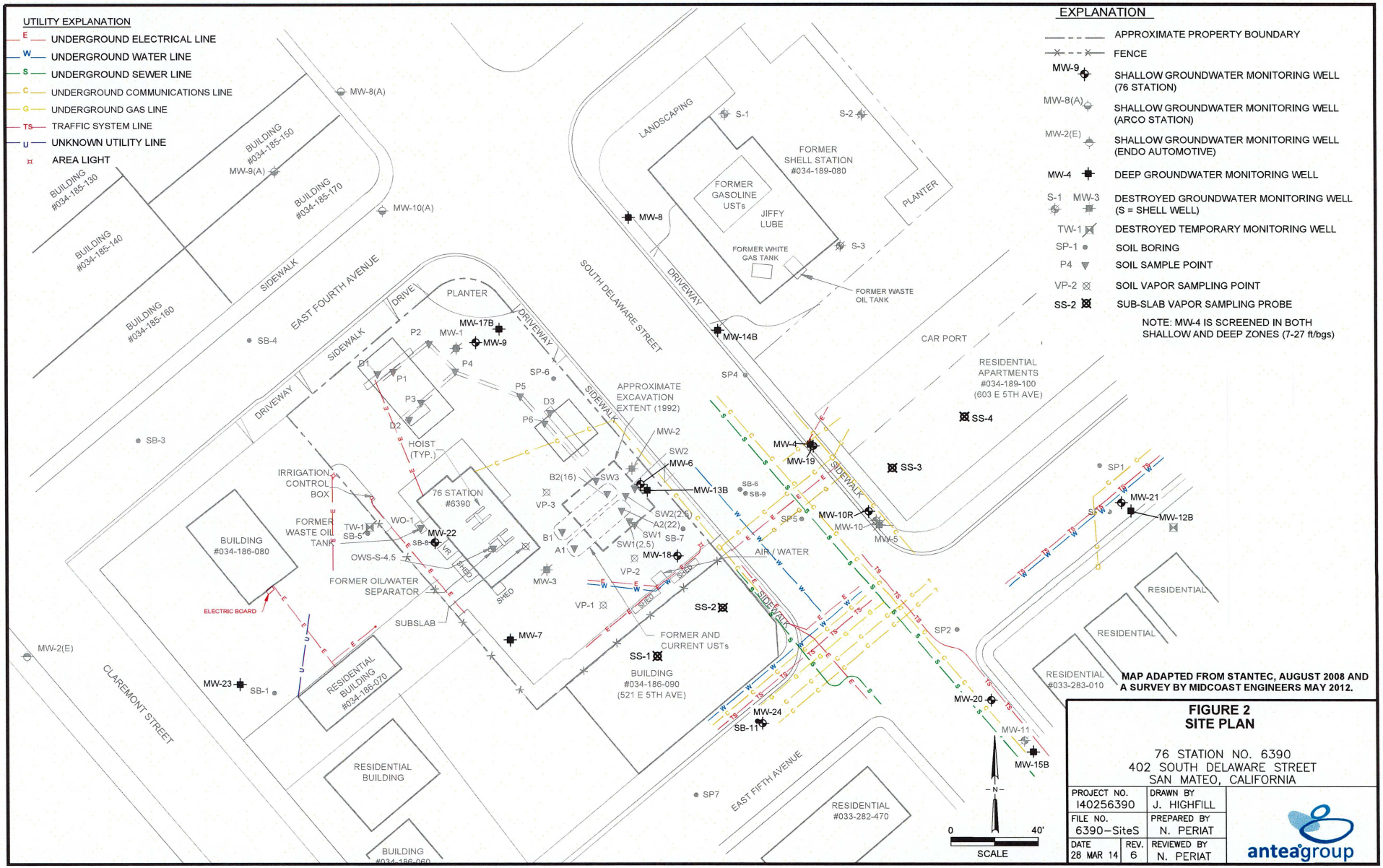
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	

anteagroup

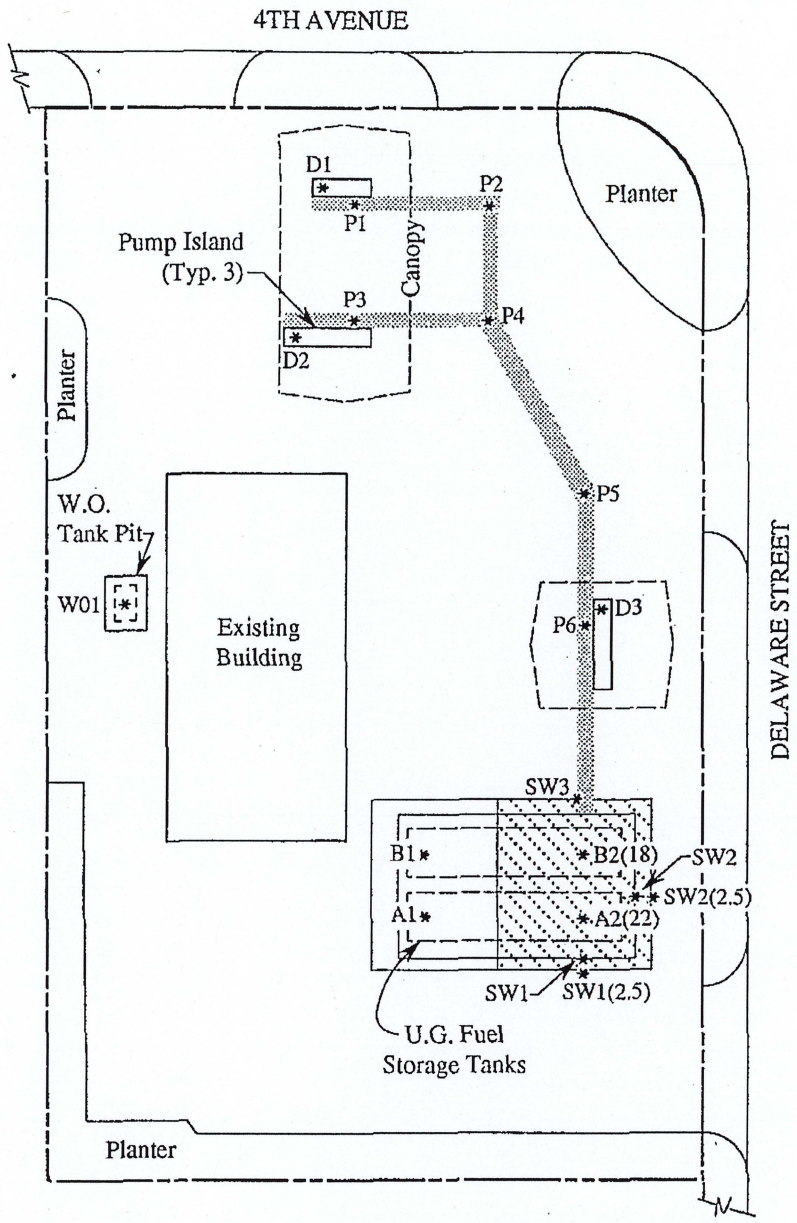


1" ~ 64 FEET

FIGURE 2

From 5-29-14 Report

From 11.24.92 Report
(Modified by GRP staff)



LEGEND

* Sample point location

Area excavated to a depth of ≈ 22 feet

0 30 60

Approx. scale feet

KAPREALIAN ENGINEERING
INCORPORATED

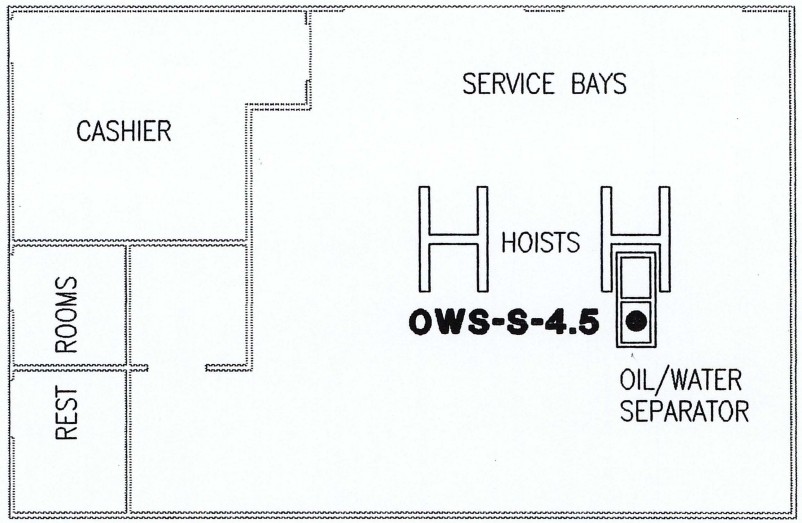
UNOCAL SERVICE STATION #6390
402 SOUTH DELAWARE STREET
SAN MATEO, CA

SITE
PLAN

FIGURE 3

DELAWARE STREET

4 th AVENUE



LEGEND

● SOIL SAMPLE LOCATION

N

NOT TO SCALE

Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

OIL/WATER SEPARATOR SAMPLING PLAN
UNOCAL Service Station #6390
402 South Delaware Street
San Mateo, California

FIGURE 1

JOB NUMBER 2000.01

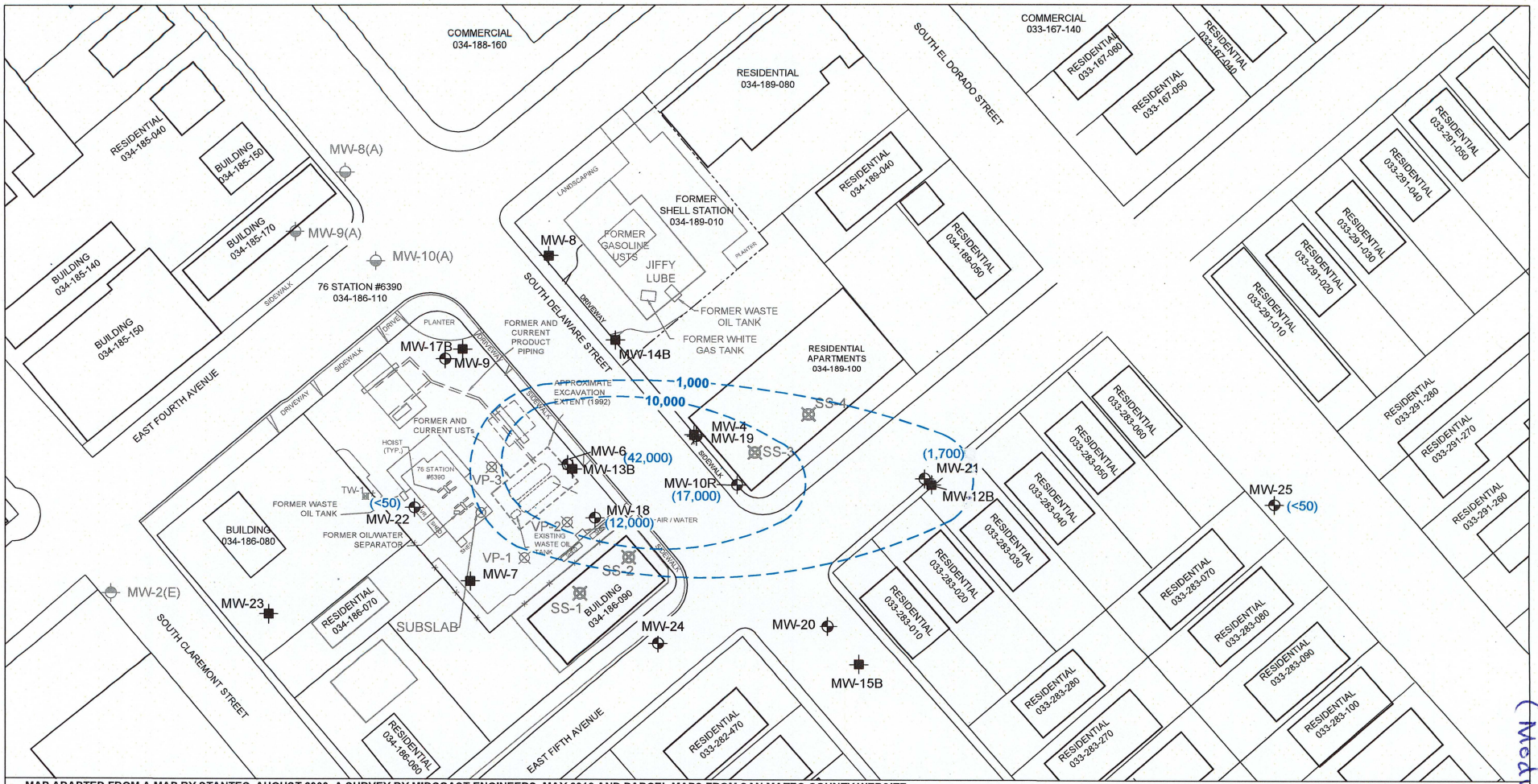
REVIEWED BY

DATE March, 1996

REVISED DATE

From 3-1-96 Report

FIGURE 4



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10,000 -- DISSOLVED PHASE GRO ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (42,000) DISSOLVED PHASE GRO CONCENTRATION (ug/L)
- <50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER
- GRO GASOLINE RANGE ORGANICS

NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT

N

0 60'

SCALE

1" = 96 FT

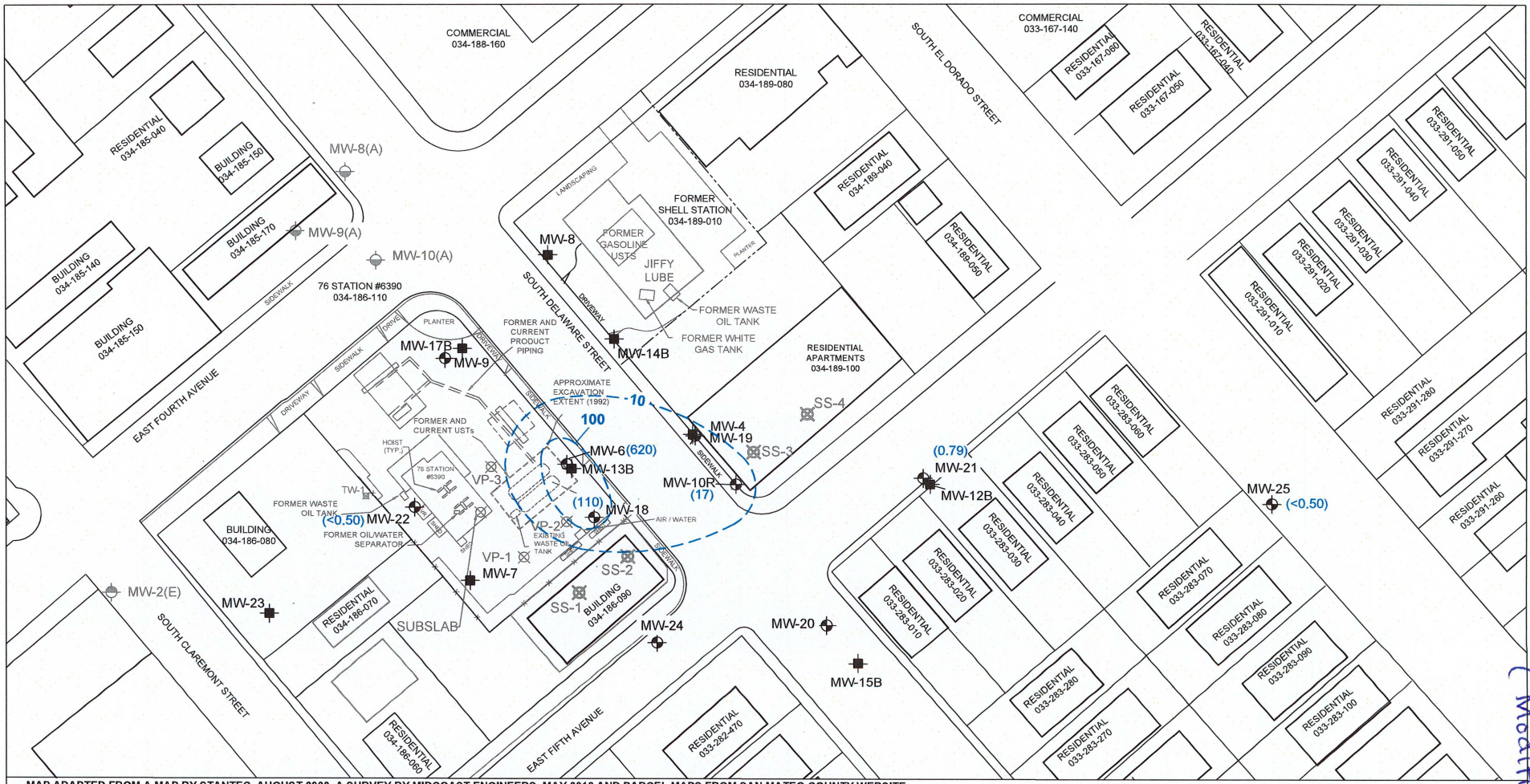
FIGURE ~~4~~ 5
DISSOLVED PHASE GRO ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	-

From 11-15-17 REPORT (Modified by GPP staff)

FIGURE 5



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY

10 – – DISSOLVED PHASE BENZENE ISOCONTOUR (ug/L); DASHED WHERE INFERRED

(620) DISSOLVED PHASE BENZENE ISOCONCENTRATION (ug/L)

<0.50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT

µg/L MICROGRAMS PER LITER

NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT

N

0 60'

SCALE

FIGURE 5 ~~6~~

DISSOLVED PHASE BENZENE ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	–

1" = 96 Ft

From 11-15-17 Report (Modified by GRP staff)

FIGURE 6

TABLE 1

~~TABLE 2~~

SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																		METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
UST Replacement Soil Samples																												
A1	15	8/5/1992	--	--	33	0.63	2.4	0.65	4.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B1	15	8/5/1992	--	--	20	0.58	2.3	0.40	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A2	22	8/5/1992	--	--	480	6.7	41	9.2	61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2	18	8/5/1992	--	--	5,000	47	470	120	790	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW1	15	8/5/1992	--	--	980	11	90	23	160	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2	15	8/5/1992	--	--	1,100	14	130	34	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P1	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P3	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P4	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	3	8/11/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WO1	8	8/11/1992 a	<1.0	<30	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	0.0064	<0.0050	<0.0050	<0.0050	<0.0050	1.1	67	73	6.0	44
SW1(2.5)	16	8/21/1992	--	--	5.6	0.0097	0.049	0.024	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW2(2.5)	16	8/21/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW3	16	8/21/1992	5.9 b	--	16	0.017	0.081	0.051	0.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D1	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D2	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D3	7	10/22/1992	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Soil Borings																												
SP-5																												
SP-5-9.5-10	9.5-10	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--
SP-5-14.5-15	14.5-15	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-5-19.5-20	19.5-20	12/15/2006	--	--	7.0 e	0.017	0.34 e	0.091 e	0.57 e	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6																												
SP-6-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-6-20-20.5	20-20.5	12/15/2006	--	--	68 e	<0.050 e	<0.050 e	1.6 e	3.3 e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--	--
SP-7																												
SP-7-11.5-12	11.5-12	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-19.5-20	19.5-20	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-23.5-24	23.5-24	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-27.5-28	27.5-28	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-7-31-31.5	31-31.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8																												
SP-8-7-7.5	7-7.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-11-11.5	11-11.5	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-15.5-16	15.5-16	12/15/2006	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20 d	--	--	--	--	--	--	--	--	--	--	--	--
SP-8-19-19.5	19-19.5	12/15/2006	--	--	49 e	<0.050 e	<0.050 e	2.1 e	7.4 e	<0.050 e	<0.050 e	<0.050 e	<0.010 e	<10 e	<0.050 e	<0.010 e	<2.0 d,e	--	--	--	--	--	--	--	--	--	--	--	--
SB-1																												
SB-1d5	5	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0066	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d10	10	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.013	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-1d20	20	5/18/2011	--	--	<0.18	<0.0022	<0.0022	<0.0022	<0.0065	<0.0022	<0.0022	<0.0022	<0.0022	<0.29	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-1d25	25	5/18/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0076	<0.0025	<0.0025	<0.0025	<0.0025	<0.34	<0.0025	<0.0025	<0.013	--	0.0083	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-3																												
SB-3d5*	5	5/18/2011	--	--	<0.19	<0.0022	<0.0022	<0.0022	<0.0067	<0.0022	<0.0022	<0.0022	<0.0022	<0.30	<0.0022	<0.0022	<0.011	--	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	--	--	--	--	--
SB-3d10	10	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-3d15	15	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d17	17	5/18/2011	--	--	<0.26	<0.0031	<0.0031	<0.0031	<0.0093	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.016	--	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-3d20	20	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-3d25	25	5/18/2011	--	--	<0.31	<0.0026	<0.0026	<0.0026	<0.0077	<0.0026	<0.0026	<0.0026	<0.0026	<0.34	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-3d30	30	5/18/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--

FROM 7-17-13 REPORT (Modified by RPP staff)

TABLE 1

~~TABLE 2~~

SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																		METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
SB-4																												
SB-4d10	10	5/18/2011	--	--	<0.24	<0.0029	<0.0029	<0.0029	<0.0086	<0.0029	<0.0029	<0.0029	<0.0029	<0.38	<0.0029	<0.0029	<0.014	--	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	--	--	--	--	--
SB-4d15	15	5/18/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0081	<0.0027	<0.0027	<0.0027	<0.0027	<0.36	<0.0027	<0.0027	<0.013	--	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
SB-4d17	17	5/18/2011	--	--	<0.34	<0.0041	<0.0041	<0.0041	<0.012	<0.0041	<0.0041	<0.0041	<0.0041	<0.54	<0.0041	<0.0041	<0.020	--	**0.0050**	<0.0041	<0.0041	<0.0041	<0.0041	--	--	--	--	--
SB-4d20	20	5/18/2011	--	--	<0.25	<0.0031	<0.0031	<0.0031	<0.0092	<0.0031	<0.0031	<0.0031	<0.0031	<0.41	<0.0031	<0.0031	<0.015	--	**0.0041**	<0.0031	<0.0031	<0.0031	<0.0031	--	--	--	--	--
SB-4d24	24	5/18/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	**0.0060**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-4d30	30	5/18/2011	--	--	<0.17	<0.0021	<0.0021	<0.0021	<0.0063	<0.0021	<0.0021	<0.0021	<0.0021	<0.28	<0.0021	<0.0021	<0.010	--	**0.0030**	<0.0021	<0.0021	<0.0021	<0.0021	--	--	--	--	--
SB-5																												
SB-5d5*	5	5/19/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-5d10	10	5/19/2011	--	--	<0.28	<0.0034	<0.0034	<0.0034	<0.010	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	--	--	--	--	--
SB-5d15	15	5/19/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-5d17	17	5/19/2011	--	--	<0.28	<0.0033	<0.0033	<0.0033	<0.010	<0.0033	<0.0033	<0.0033	<0.0033	<0.44	<0.0033	<0.0033	<0.017	--	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	--	--	--	--	--
SB-5d20	20	5/19/2011	--	--	<0.22	<0.0026	<0.0026	<0.0026	<0.0079	<0.0026	<0.0026	<0.0026	<0.0026	<0.35	<0.0026	<0.0026	<0.013	--	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	--	--	--	--	--
SB-5d25	25	5/19/2011	--	--	<0.20	<0.0025	<0.0025	<0.0025	<0.0074	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	**0.0037**	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d30	30	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	**0.0093**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-5d35	35	5/19/2011	--	--	<0.21	<0.0025	<0.0025	<0.0025	<0.0075	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.12	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-5d40	40	5/19/2011	--	--	<0.26	<0.0032	<0.0032	<0.0032	<0.0095	<0.0032	<0.0032	<0.0032	<0.0032	<0.42	<0.0032	<0.0032	<0.016	--	**0.0037**	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
SB-6																												
SB-6d6	6	6/7/2011	--	--	<0.35	<0.0042	<0.0042	<0.0042	<0.013	<0.0042	<0.0042	<0.0042	<0.0042	<0.57	<0.0042	<0.0042	<0.021	--	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	--	--	--	--	--
SB-6d10	10	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0089	<0.0030	<0.0030	<0.0030	<0.0030	<0.40	<0.0030	<0.0030	<0.015	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d15	15	6/7/2011	--	--	**57.4**	**0.087**	**2.4**	**1.6**	**9.1**	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	0.0099	<0.0023	<0.012	--	**0.0052**	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
SB-6d17	17	6/7/2011	--	--	**21.6**	<0.0024	<0.0024	0.087	0.42	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d20	20	6/7/2011	--	--	**0.21**	<0.0024	<0.0024	0.0026	0.014	<0.0024	<0.0024	<0.0024	<0.0024	<0.33	<0.0024	<0.0024	<0.012	--	**0.031**	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
SB-6d25	25	6/7/2011	--	--	<0.25	<0.0030	<0.0030	<0.0030	<0.0091	<0.0030	<0.0030	<0.0030	<0.0030	<0.41	<0.0030	<0.0030	<0.015	--	**0.0097**	<0.0030	<0.0030	<0.0030	<0.0030	--	--	--	--	--
SB-6d30	30	6/7/2012	--	--	<0.24	<0.0028	<0.0028	<0.0028	<0.0085	<0.0028	<0.0028	<0.0028	<0.0028	<0.38	<0.0028	<0.0028	<0.014	--	**0.015**	<0.0028	<0.0028	<0.0028	<0.0028	--	--	--	--	--
SB-7																												
SB-7d10	10	5/17/2011	--	--	<0.30	<0.0036	<0.0036	<0.0036	<0.011	<0.0036	<0.0036	<0.0036	<0.0036	<0.48	<0.0036	<0.0036	<0.018	--	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	--	--	--	--	--
SB-7d15	15	5/17/2011	--	--	**1330**	**0.039**	**0.081**	**21.4**	**116**	<0.0025	<0.0025	<0.0025	<0.0025	<0.33	<0.0025	<0.0025	<0.012	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	--	--	--	--	--
SB-7d17	17	5/18/2011	--	--	**1790 g**	**0.066 g**	<0.042 g	**35.6 g**	**204 g**	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	<0.35 g	<0.0027 g	<0.0027 g	<0.013 g	--	**0.0061 g**	<0.0027 g	<0.0027 g	<0.0027 g	<0.0027 g	--	--	--	--	--
SB-7d20	20	5/18/2011	--	--	**4900 g**	**0.8 g**	**87.2 g**	**127 g**	**721 g**	<0.040 g	<0.080 g	<0.040 g	<0.080 g	<8.0 g	<0.040 g	<0.080 g	<0.40 g	--	<0.040 g	<0.040 g	<0.040 g	**0.19 g**	<0.040 g,h,i	--	--	--	--	--
SB-7d25	25	5/18/2011	--	--	**0.43**	<0.0034	**0.015**	**0.0081**	**0.048**	<0.0034	<0.0034	<0.0034	<0.0034	<0.45	<0.0034	<0.0034	<0.017	--	**0.049**	**0.0048**	**0.0042**	<0.0034	<0.0034	--	--	--	--	--
SB-8																												
SB-8_d9.0	9	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d17.5	17.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d23.5	23.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.012**	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-8_d27.5	27.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.013**	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
SB-10																												
SB-10_d3.0	3	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-10_d5.0	5	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
SB-10_d9.0	9	6/21/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
Groundwater Monitoring Wells																												
MW-1																												
MW1 (5)	5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (10)	10	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (15)	15	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1 (19.5)	19.5	5/25/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2																												
MW2 (5)	5	5/24/1994	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (10)	10	5/24/1994	--	--	<1.0	**0.012**	**0.030**	**0.012**	**0.21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (12)	12	5/24/1994	--	--	**600**	**0.89**	**20**	**14**	**86**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (15)	15	5/24/1994	--	--	**2,300**	**26**	**240**	**58**	**350**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2 (17)	17	5/24/1994	--	--	**2,600**	**14**	**230**	**62**	**410**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3																												
MW3 (5)	5	5/24/1994	--	--	<1.0	<0.005	**0.015**	<0.005	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (10)	10	5/24/1994	--	--	**1.2**	**0.012**	**0.043**	**0.014**	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (15)	15	5/24/1994	--	--	**4.0**	**0.40**	**0.12**	**0.050**	**0.58**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3 (17)	17	5/24/1994	--	--	**810**	**6.3**	**76**	**21**	**130**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1

~~TABLE 2~~

SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																		METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-4																												
MW4 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.0087**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (10)	10	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.031**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4 (15)	15	3/23/1995	--	--	**600**	**3.3**	**38**	**14**	**96**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5																												
MW5 (5)	5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (9.5)	9.5	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW5 (11)	11	3/23/1995	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW 5 (15)	15	3/23/1995	--	--	**9.4**	**0.25**	**0.59**	**0.15**	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6																												
MW6@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6@11-11.5'	11-11.5	1/3/2007	--	--	**550 e**	**0.18 e**	**32 e**	**20 e**	**110 e**	<0.12 e	<0.12 e	<0.12 e	<0.025 e	<25 e	<0.12 e	<0.025 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6@16.5-17'	16.5-17	1/3/2007	--	--	**1,300 e**	<0.25 e	**1.3 e**	**10 e**	**38 e**	<0.25 e	<0.25 e	<0.25 e	<0.050 e	<50 e	<0.25 e	<0.050 e	<10 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW6@19.5-20'	19.5-20	1/3/2007	--	--	**310 e**	**0.089 e**	**2.7 e**	**10 e**	**37 e**	<0.025 e	<0.025 e	<0.025 e	<0.0050 e	<5.0 e	**0.089 e**	<0.0050 e	<1.0 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7																												
MW7@6-6.5'	6-6.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7@11-11.5'	11-11.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7@16.5-17'	16.5-17	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7@18-18.5'	18-18.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7@21.5-22'	21.5-22	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW7@26-26.5'	26.26.5	1/2/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8																												
MW8@6-6.5'	6-6.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8@11-11.5'	11-11.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8@13-13.5'	13-13.5	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8@17.5-18'	17.5-18	1/4/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9																												
MW9@6-6.5'	6-6.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9@11-11.5'	11-11.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9@16-16.5'	16-16.5	1/3/2007	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0010	<1.0	<0.0050	<0.0010	<0.20	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10																												
MW-10, 9'	9	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10, 13'	13	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10R																												
MW-10R_d18.5	18.5	4/12/2012			<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-11																												
MW-11, 9.5'	9.5	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11, 12'	12	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11, 15'	15	8/8/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B																												
MW-12B 12'	12	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B 16'	16	8/4/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B 18.5'	18.5	8/4/2008	--	--	**17 e**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B 19'	19	8/4/2008	--	--	**430 e**	<0.50 e	<0.50 e	**3.4 e**	**7.6 e**	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B 21.5'	21.5	8/4/2008	--	--	**12 e**	<0.0050	<0.0050	**0.27**	**0.33**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B, 23'	23	8/8/2008	--	--	**76 e**	**0.0099 e,f**	**0.011 e,f**	**1.5 e**	**3.1 e**	<0.025 e	<0.025 e	<0.025 e	<0.025 e	<5.0 e	**0.0034 e,f**	<0.025 e	<0.25 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12B,27'	27	8/8/2008	--	--	**2.2**	**0.0015 f**	<0.0050	**0.028**	**0.056**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B																												
MW-13B 12'	12	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B 15'	15	8/6/2008	--	--	**3500 e**	**2.9 e**	**250 e**	**85 e**	**660 e**	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B 17.5'	17.5	8/6/2008	--	--	**2200 e**	**1.2 e**	**86 e**	**38 e**	**220 e**	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B 19'	19	8/6/2008	--	--	**620 e**	<1.2 e	**12 e**	**14 e**	**73 e**	<1.2 e	<1.2 e	<1.2 e	<1.2 e	<250 e	<1.2 e	<1.2 e	<12 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B 20.5'	20.5	8/6/2008	--	--	**480 e**	<0.50 e	**2.1 e**	**11 e**	**47 e**	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<100 e	<0.50 e	<0.50 e	<5.0 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 24.5'	24.5	8/11/2008	--	--	**12 e**	**0.040 e,f**	**0.78 e**	**0.38 e**	**1.9 e**	<0.050 e	<0.050 e	<0.050 e	<0.050 e	<10 e	**0.030 e,f**	<0.050 e	<0.50 e	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 27.5'	27.5	8/11/2008	--	--	**6.7 e**	**0.015**	**0.39**	**0.19**	**0.93**	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	**0.0041 f**	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B, 30.5'	30.5	8/11/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	**0.088**	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1

~~TABLE 2~~

SOIL ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

			PETROLEUM			VOCs																		METALS[7]				
Sample Name	Sample Depth (feet bgs)	Date Sampled	TPH-DRO[1] (mg/kg)	TOG[2] (mg/kg)	TPH-GRO[3] (mg/kg)	Benzene[4] (mg/kg)	Toluene[4] (mg/kg)	Ethyl-benzene[4] (mg/kg)	Xylenes[4] (mg/kg)	1,2-DCA[5] (mg/kg)	DIPE[5] (mg/kg)	EDB[5] (mg/kg)	ETBE[5] (mg/kg)	Ethanol[5] (mg/kg)	MTBE[5] (mg/kg)	TAME[5] (mg/kg)	TBA[5] (mg/kg)	Naph-thalene[5] (mg/kg)	PCE[6] (mg/kg)	TCE[6] (mg/kg)	cis-1,2-DCE[6] (mg/kg)	Chloro-form[6] (mg/kg)	Vinyl Chloride[6] (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)
MW-14B																												
MW-14B, 12'	12	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 15'	15	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 18'	18	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B,21'	21	8/7/2008	--	--	**0.12** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 25'	25	8/7/2008	--	--	**0.14** f	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-14B, 28.5'	28.5	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B																												
MW-15B 13'	13	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 15'	15	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 17.5'	17.5	8/6/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-15B 28'	28	8/7/2008	--	--	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--	--	--	--	--
MW-17B																												
MW-17Bd5*	5	5/19/2011	--	--	<0.19	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd10	10	5/19/2011	--	--	<0.20	<0.0023	<0.0023	<0.0023	<0.0070	<0.0023	<0.0023	<0.0023	<0.0023	<0.31	<0.0023	<0.0023	<0.012	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd15	15	5/19/2011	--	--	<0.21	<0.0024	<0.0024	<0.0024	<0.0072	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
MW-17Bd17	17	5/19/2011	--	--	<0.20	<0.0024	<0.0024	<0.0024	<0.0073	<0.0024	<0.0024	<0.0024	<0.0024	<0.32	<0.0024	<0.0024 M1	<0.012	--	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	--	--	--	--	--
MW-17Bd20	20	5/19/2011	--	--	<0.21	<0.0023	<0.0023	<0.0023	<0.0068	<0.0023	<0.0023	<0.0023	<0.0023	<0.30	<0.0023	<0.0023	<0.011	--	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	--	--	--	--	--
MW-17Bd25	25	5/19/2011	--	--	<0.33	<0.0032	<0.0032	<0.0032	<0.0097	<0.0032	<0.0032	<0.0032	<0.0032	<0.43	<0.0032	<0.0032	<0.016	--	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	--	--	--	--	--
MW-17Bd30	30	5/19/2011	--	--	<0.22	<0.0027	<0.0027	<0.0027	<0.0080	<0.0027	<0.0027	<0.0027	<0.0027	<0.35	<0.0027	<0.0027	<0.013	--	0.026	<0.0027	<0.0027	<0.0027	<0.0027	--	--	--	--	--
MW-18																												
MW-18_d15.5	15.5	5/16/2012	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	--	--	--	--
MW-18_d19.5	19.5	5/16/2012	--	--	**2200**	**2.1**	**110**	**52**	**282**	<0.40	<0.40	<0.40	<0.40	--	<0.40	<0.40	<2.0	**18**	<0.40	<0.40	<0.40	<0.40	<0.40	--	--	--	--	--
MW-19																												
MW-19_d18.0	18	4/11/2012	--	--	**180**	<0.025	<0.025	**1.4**	**0.44**	<0.025	<0.025	<0.025	<0.025	--	<0.025	<0.025	<0.15	**0.70**	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--
MW-22																												
MW-22_d3.0	3	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d5.0	5	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d8.0	8	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d10.0	10	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d15.0	15	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d18.0	18	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
MW-22_d21.0	21	6/26/2013	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050	<0.0050	<0.0050	**0.0059**	<0.0050	<0.0050	--	<0.0050	--	--	--	--	--
Oil Water Separator Removal																												
OWS-S-4.5	4.5	1/12/1996 c	**1.5**	<50	<1.0	<0.005	**0.006**	<0.005	**0.009**	--	--	--	--	--	--	--	--	--	ND c	ND c	ND c	ND c	ND c	<0.5	**160**	**99**	**12**	**69**

Notes:

<	Denotes less than Laboratory PQL	DIPE	Di-isopropyl ether	MTBE	Methyl tertiary butyl ether	TOG	Total oil and grease	PCE	Tetrachloroethylene
bgs	below ground surface	EDB	Ethylene dibromide	PQL	Practical Quantitaion Limit	TPH-DRO	Total petroleum hydrocarbons as diesel range organics	TCE	Trichloroethylene
mg/kg	milligrams per kilogram	EPA	Environmental Protection Agency	TAME	Tert-amyl methyl ether	TPH-GRO	Total petroleum hydrocarbons as gasoline range organics	cis-1,2-DCE	cis-1,2-dichloroethylene
ND	Not detected (reporting limit unknown)	ETBE	Ethyl tertiary butyl ether	TBA	Tertiary butyl alcohol	1,2-DCA	1,2-Dichloroethane		

1 Analyzed by EPA Method 3550/8015M
2 Analyzed by Standard Method 5520 E&F (Gravimetric)
3 Analyzed by EPA Method 5030/8015M between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present.
4 Analyzed by EPA Method 8020 between 8/1992 and 1/1996; by EPA Method 8260 between 12/2006 and the present.
5 Analyzed by EPA Method 8260B
6 Analyzed by EPA Method 8010 in 8/1992; 8260B
7 Analyzed by EPA Method 6000/7000
* Sample may not be representative of in-situ conditions because the boring was air knifed to a depth of 5 feet prior to sampling
a Sample was analyzed for Halogenated Volatile Organic Hydrocarbons (HVOCs) by EPA Method 8010. Tetrachloroethene was detected at 6.4 parts per billion and converted to mg/kg. All remaining constituents analyzed by 8010 were non-detect
b Chromatograph pattern: Diesel and non-diesel mixture (<C14; >C22).
c Sample was analyzed for HVOCs by EPA Method 8010. All HVOCs were reported as non-detect.
d The Continuing Calibration Verification (CCV) recovery was not within established control limits.
e The PQL'S and MDL's was raised due to sample dilution.
f Estimated Value (CLP Flags)
g Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis). Noted on toluene-d8 (S) and 4-Bromofluorobenzene (S
h Analyte recovery in the laboratory control sample (LCS) was below QC limits. Result may be biased low
i Result confirmed by second analysis

SOIL STOCKPILE

December 15, 1992

TABLE 1

SUMMARY OF LABORATORY ANALYSES

Date	Sample	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	Ignitability	Bioassay
8/05/92	Comp A	140	ND	1.2	2.2	19	--	--
	Comp B	3.1	ND	ND	ND	0.068	--	--
	Comp C	ND	ND	ND	ND	ND	--	--
8/24/92	Comp D	1,200	1.1	18	20	180	--	--
	Comp E	1,200	5.2	65	22	150	--	--
	Comp F	360	ND	0.31	0.52	39	--	--
	Comp G	640	0.26	0.66	ND	72	--	--
	Comp H	250	ND	0.16	ND	14	--	--
	Comp I	1,400	0.56	3.3	5.6	310	--	--
	Comp J	3,300	2.7	60	24	530	55°C	LC-50: >1,000 ppm
	Comp K	1,500	1.8	65	28	240	--	--
	Comp L	3,200	7.0	120	44	470	--	--
	Comp M	3,300	2.5	92	66	730	--	--
	Comp N	460	ND	1.7	2.2	49	--	--
	Comp O	2,000	4.9	100	40	310	--	--
	Comp P	1,800	3.5	110	39	270	--	--
	Comp 1	1.1	ND	0.036	0.012	0.087	--	--
10/14/92	Comp Q	4.1	ND	ND	ND	0.091	--	--
10/22/92	Comp R	570	ND	1.0	3.0	39	--	--
11/30/92	Comp 4	ND	ND	ND	ND	ND	--	--

ND = Non-detectable.
-- Indicates analysis was not performed.
Results in parts per million (ppm), unless otherwise indicated.

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [3] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
UST REPLACEMENT WATER SAMPLE																						
W1	--	--	8/25/1992 v, ff	21	--	--	--	--	50,000	1,200	6,700	1,400	10,000	--	--			--	--	--	--	--
SOIL BORINGS & TEMP WELLS																						
SP1	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
SP2	--	--	2/14/96	10.5	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
SP4	--	--	2/14/96	10.5	--	--	--	--	450	71	<2.0	6.7	17	--	--	--	--	--	--	--	--	--
SP-5	--	--	12/15/06	15.6	--	--	--	--	21,000 k	1,300 k	1,500 k	1,400 k	4,000 k	330 k	<200 k	<10 k	<10 k	--	--	<5000	--	--
SP-6	--	--	12/15/06	15	--	--	--	--	38,000 k	<10 k	<10 k	570 k	660 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--
SP-7	--	--	12/15/06	32	--	--	--	--	<50 k	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	--	--	<250	--	--
SP-8	--	--	12/15/06	15.2	--	--	--	--	51,000 k	110 k	100 k	3,000 k	9,600 k	<10 k	<200 k	<10 k	<10 k	--	--	<5000	--	--
SB-1	--	--	5/18/11	16.25	--	--	--	--	111	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-3	--	--	5/18/11	20.25	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-4	--	--	5/18/11	14.5	--	--	--	--	<50.0	0.54	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-5	--	--	5/18/11	NO SAMPLE COLLECTED - BORING WAS DRY AT 30 FT AND 40 FT BGS (ATTEMPTED GRAB SAMPLE USING PRE-PACK SCREEN)																		
SB-6	--	--	6/7/11	21	--	--	--	--	45,800	40.5	1,230	1,420	7,430	1.5	<5.0	<0.50	<1.0	--	--	<250	--	--
SB-7	--	--	5/18/11	14.2	--	--	--	--	166,000	2,790	15,600	4,080	21,000	1,160	2950	2.0	<1.0	--	--	<250	--	--
SB-8	--	--	5/17/12	14.50	--	--	--	--	330 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	--	--	--	--	--
SB-9	--	--	4/12/12	15.80	--	--	--	--	90,000	1,100	6,500	4,400	21,000	<40 k	<200 k	<40 k	<40 k	--	--	<400 k	--	--
SB-11	--	--	3/15/13	31.00	--	--	--	--	15 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	42	<0.50	--
TW-1	--	--	4/11/12	15.46	--	--	--	--	53 cc	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	--	--	--
MONITORING WELLS																						
MW-1	10 - 28	14.87 ♦	06/15/94	15.42	-0.55	---	0	No	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	09/26/94	17.80	-2.93	-2.38	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	10/20/94	17.90	-3.03	-0.10	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/18/94	15.42	-0.55	2.48	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	12/12/94	14.84	0.03	0.58	0	No	58	<0.50	<0.50	0.99	4.20	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	01/24/95	10.00	4.87	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/24/95	11.50	3.37	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	04/07/95	9.20	5.67	2.30	0	No	<50	<0.50	<0.50	<0.50	0.83	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/31/95	12.70	2.17	-3.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	06/24/95	13.81	1.06	-1.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	07/25/95	15.17	-0.30	-1.36	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	09/08/95 a	16.70	-1.83	-1.53	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	12/08/95	17.96	-3.09	-1.26	0	No	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	03/08/96	7.85	7.02	10.11	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/29/96	13.27	1.60	-5.42	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/27/96	16.61	-1.74	-3.34	0	No	<50	<0.50	<0.50	<0.50	<0.50	<40	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/18/96	17.01	-2.14	-0.40	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/20/97	8.96	5.91	8.05	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/27/97	15.37	-0.50	-6.41	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/26/97	17.01	-2.14	-1.64	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/25/97	16.50	-1.63	0.51	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/13/98	6.07	8.80	10.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/21/98	11.76	3.11	-5.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/17/98	15.15	-0.28	-3.39	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/19/98	16.13	-1.26	-0.98	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/15/99	10.94	3.93	5.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/13/99	12.70	2.17	-1.76	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/10/99	15.39	-0.52	-2.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	11/09/99	16.28	-1.41	-0.89	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/14/00	10.38	4.49	5.90	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	05/18/00	13.62	1.25	-3.24	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/09/00	16.43	-1.56	-2.81	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--

From 1.12.18 Report (Modified by GPP staff)

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-1	10 - 28	14.87 ♦	11/08/00	16.20	-1.33	0.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/14/01	13.34	1.53	2.86	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/15/01	16.63	-1.76	-3.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/13/02	12.46	2.41	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/26/02	16.26	-1.39	-3.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	02/18/03	12.09	2.78	4.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/21/03	15.25	-0.38	-3.16	0	No	63	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	03/30/04	12.05	2.82	3.20	0	No	81	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	14.87 ♦	08/18/04	16.04	-1.17	-3.99	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	03/10/05	9.66	9.80	--	0	No	84 j	1.70	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	08/11/05	15.07	4.39	-5.41	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	03/01/06	11.94	7.52	3.13	0	No	94	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	08/02/06	15.08	4.38	-3.14	0	No	69 n,p	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-1	10 - 28	19.46 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-2	10 - 30	14.50 ♦	06/15/94	15.33	-0.83	--	0	No	89,000	11,000	37,000	3,000	20,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	09/26/94	17.62	-3.12	-2.29	0	No	52,000	4,600	12,000	1,000	6,400	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	10/20/94	17.73	-3.23	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/18/94	15.24	-0.74	2.49	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	12/12/94	14.74	-0.24	0.50	0	No	130,000	9,800	34,000	2,300	16,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	01/24/95	9.86	4.64	4.88	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/24/95	11.42	3.08	-1.56	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	04/07/95	9.11	5.39	2.31	0	No	8,600	1,000	2,200	230	1,400	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/31/95	12.63	1.87	-3.52	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	06/24/95	13.75	0.75	-1.12	0	No	140,000	13,000	50,000	4,600	31,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	07/25/95	15.08	-0.58	-1.33	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	09/08/95 a	16.54	-2.04	-1.46	0	No	52,000	3,300	8,300	1,900	10,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	12/08/95 b	17.80	-3.30	-1.26	0	No	110,000	8,400	27,000	1,900	11,000	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	03/08/96	7.74	6.76	10.06	0	No	10,000	2,400	2,000	530	2,900	3,500	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/29/96	13.23	1.27	-5.49	0	No	120,000	10,000	39,000	3,100	19,000	9,900	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/27/96	16.50	-2.00	-3.27	0	No	340,000	1,000	42,000	3,800	22,000	5,300	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/18/96	16.90	-2.40	-0.40	0	No	32,000	2,500	7,200	760	4,000	4,400	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/20/97	8.61	5.89	8.29	0	No	<250	76	3.1	<2.5	13	1,200	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/27/97	15.03	-0.53	-6.42	0	No	39,000	3,700	11,000	1,200	6,700	4,200	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/26/97	16.89	-2.39	-1.86	0	No	69,000	7,200	20,000	2,900	17,000	4,500	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/25/97	15.96	-1.46	0.93	0	No	110,000	5,800	21,000	3,400	20,000	3,400	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/13/98	5.75	8.75	10.21	0	No	10,000	850	510	170	2,000	630	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/21/98	11.78	2.72	-6.03	0	No	38,000	3,300	6,700	1,200	5,800	2,200	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/17/98	15.20	-0.70	-3.42	0	No	79,000 e	6,100	12,000	3,000	17,000	3,700	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/19/98	16.05	-1.55	-0.85	0	No	430	27	20	23	120	17	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/15/99	10.88	3.62	5.17	0	No	7,600	900	170	340	1,500	800	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/13/99	12.59	1.91	-1.71	0	No	53,000	4,100	7,900	2,200	12,000	1,800	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/10/99	15.35	-0.85	-2.76	0	No	59,000	3,300	5,300	2,600	17,000	1,700	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/09/99	16.20	-1.70	-0.85	0	No	29,900	2,070	1,530	1,610	5,820	1,300	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/14/00	10.25	4.25	5.95	0	No	6,460	716	140	478	942	636	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	05/18/00	13.51	0.99	-3.26	0	No	27,400	1,830	3,400	1,500	6,160	1,230 h	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/09/00	16.28	-1.78	-2.77	0	No	36,900	2,400	450	2,060	9,510	1,220	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	11/08/00	16.08	-1.58	0.20	0	No	50,300	3,110	2,960	2,550	12,000	872	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/14/01	13.18	1.32	2.90	0	No	8,090	700	55.90	630	597	841	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/15/01	16.65	-2.15	-3.47	0	No	13,000	1,500	910	1,300	1,300	910	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/13/02	12.38	2.12	4.27	0	No	23,000	1,600	2,400	1,500	4,200	640	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/26/02	16.17	-1.67	-3.79	0	No	32,000 k	1,600 k	900 k	2,100 k	6,300 k	<250 k	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	02/18/03	12.01	2.49	4.16	0	No	600	93	13	3.4	46	98	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/21/03	15.23	-0.73	-3.22	0	No	25,000	1,300	330	1,400	5,400	460	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	03/30/04	11.18	3.32	4.05	0	No	9,800	790	800	1,000	1,900	400	--	--	--	--	--	--	--	--
MW-2	10 - 30	14.50 ♦	08/18/04	16.00	-1.50	-4.82	0	No	14,000	1,100	150	2,000	2,000	600	--	--	--	--	--	--	--	--

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-2	10 - 30	19.11 †	03/10/05	9.53	9.58	--	0	No	160	16	14	10	14	34	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	08/11/05	15.03	4.08	-5.50	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	09/30/05	--	--	--	--	--	3,400	370	23	750	220	220	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	03/02/06	11.89	7.22	3.14	0	No	4,100	240	85	160	420	140	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	08/02/06	14.99	4.12	-3.10	0	No	5,800 k	380 k	12 k	840 k	370 k	130 k	--	--	--	--	--	--	--	--
MW-2	10 - 30	19.11 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-3	10 - 28	16.07 ♦	06/15/94	16.71	-0.64	--	0	No	2,400	170	270	32	290	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	09/26/94	19.06	-2.99	-2.35	0	No	4,800	490	500	110	350	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	10/20/94	19.17	-3.10	-0.11	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/18/94	16.66	-0.59	2.51	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	12/12/94	16.12	-0.05	0.54	0	No	11,000	380	400	72	130	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	01/24/95	11.28	4.79	4.84	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/24/95	12.78	3.29	-1.50	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	04/07/95	10.47	5.60	2.31	0	No	1,400	95	160	26	91	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/31/95	13.90	2.17	-3.43	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	06/24/95	15.07	1.00	-1.17	0	No	380	180	7	<2.5	21	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	07/25/95	16.45	-0.38	-1.38	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	09/08/95 a	17.95	-1.88	-1.50	0	No	1,300	220	200	43	180	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	12/08/95 b	19.25	-3.18	-1.30	0	No	350	51	43	11	36	--	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	03/08/96	9.15	6.92	10.10	0	No	3,200	1,300	99	68	240	1,700	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/29/96	14.58	1.49	-5.43	0	No	1,300	350	120	42	120	1,300	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/27/96	17.90	-1.83	-3.32	0	No	14,000	650	210	82	250	1,200	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/18/96	18.19	-2.12	-0.29	0	No	1,700	440	90	21	150	1,600	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/20/97	9.42	6.65	8.77	0	No	<50	1.3	<0.50	<0.50	<0.50	200	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/27/97	16.67	-0.60	-7.25	0	No	12,000	1,700	1,000	520	2,900	2,400	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/26/97	18.32	-2.25	-1.65	0	No	6,400	1,800	100	430	1,300	2,400	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/25/97	17.40	-1.33	0.92	0	No	7,800	2,000	190	420	750	2,700	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/13/98	6.55	9.52	10.85	0	No	3,900	1,000	<25	180	150	1,700	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/21/98	13.11	2.96	-6.56	0	No	320	180	<2.0	<2.0	3.5	490	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/17/98	16.51	-0.44	-3.40	0	No	115 d	25	0.99	7.3	10	18	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/19/98	17.47	-1.40	-0.96	0	No	4,600	1,500	<12	430	190	1,800	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/15/99	12.35	3.72	5.12	0	No	2,400	910	6.5	200	110	1,200	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/13/99	13.96	2.11	-1.61	0	No	1,900	640	<5.0	48	77	1,100	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/10/99	16.08	-0.01	-2.12	0	No	14,000	2,600	<50	680	2,000	2,000	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/09/99	17.60	-1.53	-1.52	0	No	5,060	1,330	<20	292	282	1,440	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/14/00	11.64	4.43	5.96	0	No	4,400	1,140	64.2	346	338	946	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	05/18/00	14.89	1.18	-3.25	0	No	2,770	884	<10	140	109	735	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/09/00	17.71	-1.64	-2.82	0	No	23,600	2,790	2,470	1,470	4,230	1,130	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	11/08/00	17.51	-1.44	0.20	0	No	62,100	3,480	16,000	2,120	9,460	540	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/14/01	14.58	1.49	2.93	0	No	32,800	2,540	2,660	2,460	7,740	320	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/15/01	17.95	-1.88	-3.37	0	No	7,700	1,000	<20	830	1,500	660	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	02/13/02	13.72	2.35	4.23	0	No	2,300	340	20	170	200	110	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/26/02	17.61	-1.54	-3.89	0	No	5,900 k	960 k	<25 k	800 k	1,000 k	330 k	<1000 k	<20 k	20 k	--	--	<5000	--	--
MW-3	10 - 28	16.07 ♦	02/18/03	13.32	2.75	4.29	0	No	770	160	37	9.7	70	46	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/21/03	16.70	-0.63	-3.38	0	No	18,000	1,100	260	1,100	4,000	370	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	03/30/04	13.35	2.72	3.35	0	No	720	140	<1.0	6.0	14	47	--	--	--	--	--	--	--	--
MW-3	10 - 28	16.07 ♦	08/18/04	17.43	-1.36	-4.08	0	No	3,500	740	<2.5	25	15	150	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	03/10/05	10.89	9.80	--	0	No	130	43	1.0	1.0	6.2	19	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	08/11/05	16.44	4.25	-5.55	0	No	1,900	260	6.1	12	26	140	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	03/01/06	13.29	7.40	3.15	0	No	2,100	330	3.6	14	58	120	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	08/02/06	16.37	4.32	-3.08	0	No	2,100	230 k	11	44	240	85	--	--	--	--	--	--	--	--
MW-3	10 - 28	20.69 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-4	7 - 27	14.38 ♦	04/07/95	9.15	5.23	---	0	No	150,000	12,000	40,000	4,700	31,000	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/31/95	12.72	1.66	-3.57	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	06/24/95	13.83	0.55	-1.11	0	No	900	70	10	<2.5	70	--	--	--	--	--	--	--	--	--

TABLE 2

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

anteagroup

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-4	7 - 27	14.38 ♦	07/25/95	15.15	-0.77	-1.32	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	09/08/95 a	16.51	-2.13	-1.36	0	No	120,000	11,000	37,000	3,300	18,000	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	12/08/95 b	17.82	-3.44	-1.31	0	No	11,000	680	1,400	350	1,300	--	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	03/08/96	7.88	6.50	9.94	0	No	44,000	3,400	11,000	1,300	7,200	1,700	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/29/96	13.30	1.08	-5.42	0	No	100,000	5,100	28,000	3,200	19,000	4,000	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/27/96	16.65	-2.27	-3.35	0	No	41,000	2,200	3,300	780	4,000	500	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/18/96	17.05	-2.67	-0.40	0	No	29,000	2,300	4,000	1,100	5,600	3,000	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/20/97	8.73	5.65	8.32	0	No	<250	65	3.70	<2.5	15	1,100	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/27/97	15.17	-0.79	-6.44	0	No	5,500	690	460	200	1,600	290	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/26/97	16.91	-2.53	-1.74	0	No	21,000	1,600	3,000	1,000	5,400	530	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/25/97	15.87	-1.49	1.04	0	No	24,000	1,000	2,300	840	4,800	250	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/13/98	5.80	8.58	10.07	0	No	62 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/21/98	11.86	2.52	-6.06	0	No	86	0.86	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/17/98	15.16	-0.78	-3.30	0	No	120	3.1	6.5	<0.50	18	6.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/19/98	16.15	-1.77	-0.99	0	No	230	7.8	42	5.5	43	<2.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/15/99	10.91	3.47	5.24	0	No	68 d	<0.50	<0.50	<0.50	<0.50	3.4	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/13/99	12.71	1.67	-1.80	0	No	<50	<0.50	<0.50	<0.50	<0.50	3.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/10/99	15.42	-1.04	-2.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/09/99	16.27	-1.89	-0.85	0	No	1,320	38	211	50	228	<25	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/14/00	10.19	4.19	6.08	0	No	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	05/18/00	13.58	0.80	-3.39	0	No	51.3	<0.50	<0.50	<0.50	<0.50	9.86	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/09/00	16.36	-1.98	-2.78	0	No	534	8.75	62	26.3	131	2.56	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	11/08/00	16.22	-1.84	0.14	0	No	2,190	34	347	70.6	536	<12.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/14/01	13.12	1.26	3.10	0	No	287	5.37	13.4	9.52	32.9	16.9	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/15/01	16.52	-2.14	-3.40	0	No	490	4.2	48	20	140	2.7	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/13/02	12.45	1.93	4.07	0	No	58 d	2.30	<0.50	<0.50	1.60	21	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/26/02	16.24	-1.86	-3.79	0	No	180	1.50	15	1.10	55	<2.5	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	02/18/03	12.12	2.26	4.12	0	No	550	58	3.50	<0.50	110	33	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/21/03	15.30	-0.92	-3.18	0	No	120	<0.50	<0.50	<0.50	1.20	<2.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	03/30/04	12.08	2.30	3.22	0	No	220	0.91	<0.50	1.50	1.30	24	--	--	--	--	--	--	--	--
MW-4	7 - 27	14.38 ♦	08/18/04	16.17	-1.79	-4.09	0	No	81	<0.50	<0.50	0.60	2.80	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	03/10/05	9.59	9.43	--	0	No	8,600	290	360	560	1,800	41	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	08/11/05	15.11	3.91	-5.52	0	No	140	3.9	6.1	2.2	7.7	0.23	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	03/01/06	11.91	7.11	3.20	0	No	2,800	70	37	200	370	43	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	08/02/06	15.08	3.94	-3.17	0	No	170 n,p	<0.50	<0.50	<0.50	<0.50	0.84	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	01/26/07	14.91	4.11	0.17	0	No	50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	08/28/07	16.85	2.17	-1.94	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	02/01/08	10.32	8.70	6.53	0	No	1,800 k	52	5.0	7.6	410 k	8.0	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.02 †	07/03/08	16.32	2.70	-6.00	0	No	73	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	08/18/08	16.96	2.05	-0.65	0	No	Monitoring well not sampled - gauged only													
MW-4	7 - 27	19.01 †††	01/30/09	15.48	3.53	1.48	0	No	130	<0.50	<0.50	0.92	2.8	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	07/30/09	17.00	2.01	-1.52	0	No	88 n,w	<0.50	<0.50	<0.50	<1.0	0.57	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	01/18/10	14.89	4.12	2.11	0	No	51.2	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-4	7 - 27	19.01 †††	03/30/10	12.39	6.62	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	07/14/10	15.49	3.52	-3.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	01/06/11	11.83	7.18	3.66	0	No	56.4 bb	0.65	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	02/02/12	15.73	3.28	-3.90	0	No	88.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-4	7 - 27	19.01 †††	05/30/12 ee	14.86	4.15	0.87	0	No	60.7	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-4	7 - 27	19.01 †††	08/06/12 ee	17.15	1.86	-2.29	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-4	7 - 27	19.01 †††	02/14/13	14.43	4.58	2.72	0	No	86 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW-4	7 - 27	19.01 †††	07/08/13	17.17	1.84	-2.74	0	No	Monitoring well not sampled - gauged only													
MW-4	7 - 27	19.01 †††	01/28/14	17.93	1.08	-0.76	0	No	230 kk	<0.50	<0.50	10	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	3.20
MW-4	7 - 27	19.01 †††	08/04/14	18.34	0.67	-0.41	0	No	Monitoring well not sampled - gauged only													
MW-4	7 - 27	19.01 †††	02/26/15	13.68	5.33	4.66	0	No	63	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	1.0
MW-4	7 - 27	19.01 †††	08/28/15	19.02	-0.01	-5.34	0	No	Monitoring well not sampled - gauged only													

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [2] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-4	7 - 27	19.01 †††	01/27/16	13.83	5.18	5.19	0	No	170	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-4	7 - 27	19.01 †††	07/14/16	17.35	1.66	-3.52	0	No	Monitoring well not sampled - gauged only													
MW-4	7 - 27	19.01 †††	01/11/17	10.59	8.42	6.76	0	No	1,800	8	2.2	77	140	1.10	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	30.0
MW-4	7 - 27	20.01 †††	08/04/17	16.38	2.63	-5.79	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	04/07/95	9.11	5.14	---	0	No	5,400	800	330	38	580	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/31/95	12.69	1.56	-3.58	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	06/24/95	13.80	0.45	-1.11	0	No	260	19	2.50	<2.0	<2.0	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	07/25/95	15.10	-0.85	-1.30	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	09/08/95 a	16.51	-2.26	-1.41	0	No	360	77	7.30	6.90	14	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	12/08/95 b	17.77	-3.52	-1.26	0	No	200 c	25	1.00	0.52	1.90	--	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	03/08/96	7.79	6.46	9.98	0	No	310	93	0.95	0.62	4.10	2,100	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/29/96	13.27	0.98	-5.48	0	No	180	9.70	12	1.70	8.10	730	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/27/96	16.50	-2.25	-3.23	0	No	<50	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/18/96	17.08	-2.83	-0.58	0	No	91	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/20/97	8.78	5.47	8.30	0	No	<50	2.30	<0.50	<0.50	0.87	280	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/27/97	15.23	-0.98	-6.45	0	No	91	<0.50	<0.50	<0.50	0.62	20	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/26/97	16.88	-2.63	-1.65	0	No	81	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/25/97	15.92	-1.67	0.96	0	No	110	1.40	1.10	0.55	3.10	9	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/12/98	5.72	8.53	10.20	0	No	100 d	0.53	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/21/98	11.64	2.61	-5.92	0	No	120	1.40	<0.50	<0.50	<0.50	73	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/17/98	15.12	-0.87	-3.48	0	No	110	110	<0.50	<0.50	<0.50	11	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/19/98	16.11	-1.86	-0.99	0	No	100 f	1.20	<0.50	0.50	0.88	13	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/15/99	10.88	3.37	5.23	0	No	110 d	<0.50	<0.50	<0.50	8.80	8.80	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/13/99	12.67	1.58	-1.79	0	No	98	<0.50	<0.50	<0.50	<0.50	7.10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/10/99	15.40	-1.15	-2.73	0	No	120 e	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/09/99	16.22	-1.97	-0.82	0	No	120 d	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/14/00	10.07	4.18	6.15	0	No	133 d	<0.50	<0.50	<0.50	<0.50	13.30	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	05/18/00	13.55	0.70	-3.48	0	No	114 d	<0.50	<0.50	<0.50	<0.50	24.10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/09/00	16.50	-2.25	-2.95	0	No	180 i	0.53	2.09	<0.50	2.19	7.76	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	11/08/00	16.33	-2.08	0.17	0	No	131	<0.50	<0.50	<0.50	<0.50	2.86	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/14/01	13.07	1.18	3.26	0	No	175 d	<0.50	0.54	<0.50	0.69	13.40	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/15/01	16.55	-2.30	-3.48	0	No	390	3.40	38	16	110	<2.5	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/13/02	12.42	1.83	4.13	0	No	100 d	1.40	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/26/02	16.21	-1.96	-3.79	0	No	310	7.20	33	4.60	76	<2.5	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	02/18/03	12.08	2.17	4.13	0	No	400	64	<1.0	<1.0	6.40	210	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/21/03	15.29	-1.04	-3.21	0	No	310	3.30	4.30	1.10	14.00	2.10	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	03/30/04	12.01	2.24	3.28	0	No	360	13	<0.50	<0.50	<1.0	73	--	--	--	--	--	--	--	--
MW-5	7 - 27	14.25 ♦	08/18/04	16.04	-1.79	-4.03	0	No	50,000	740	830	2,200	20,000	120	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	03/10/05	9.48	9.41	--	0	No	530	7.80	<1.0	<1.0	2.40	320	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	08/11/05	15.07	3.82	-5.59	0	No	350	12	6.3	2.5	32	3.2	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	03/01/06	11.82	7.07	3.25	0	No	460	2.8	<0.50	<0.50	<1.0	43	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	08/02/06	15.04	3.85	-3.22	0	No	370 n,p	<0.50	<0.50	<0.50	<0.50	9.4	--	--	--	--	--	--	--	--
MW-5	7 - 27	18.89 †	MONITORING WELL DESTROYED ON 01/02/2007																			
MW-6	13 - 19	19.07 ††	01/26/07	14.79	4.28	--	0	No	67,000 k	380 k	8,600 k	3,600 k	17,000 k	62	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.07 ††	08/28/07	16.75	2.32	-1.96	0	No	67,000 k,q	520 k	6,300 k	4,600 k	25,000 k	100 k	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.07 ††	02/01/08	10.80	8.27	5.95	0	No	69,000 k	720 k	5,000 k	3,100 k	21,000 k	130 k	--	--	<50 k	--	--	--	--	--
MW-6	13 - 19	19.07 ††	07/03/08	16.21	2.86	-5.41	0	No	86,000 k	600 k	4,700 k	4,000 k	26,000 k	100	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	08/18/08	16.87	2.20	-0.66	0	No	Monitoring well not sampled - gauged only													
MW-6	13 - 19	19.08 †††	01/30/09	15.41	3.67	1.47	0	No	57,000 k	1,200 k	15,000 k	2,700 k	13,000 k	110 k	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	07/30/09	16.93	2.15	-1.52	0	No	68,000 k	1,000 k	3,600 k	4,300 k	25,000 k	210 k	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	01/18/10	14.74	4.34	2.19	0	No	54,900	2,020	8,090	3,340	17,700	171	--	--	--	--	--	--	--	--
MW-6	13 - 19	19.08 †††	03/30/10	12.31	6.77	2.43	0	No	--	--	--	--	27,600	--	31	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-6	13 - 19	19.08 †††	07/14/10	15.38	3.70	-3.07	0	No	107,000	1,410	3,240	4,090	17,900	142	134	0.54	<1.0	<0.50	<0.50	<250	<1.0	--
MW-6	13 - 19	19.08 †††	01/06/11	11.70	7.38	3.68	0	No	47,500	1,510	2,340	2,750	10,600	194	14.1	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-6	13 - 19	19.08 †††	02/02/12	15.62	3.46	-3.92	0	No	62,600 k	1,820 k	7,750 k	3,540 k	14,200 k	220 k	<250 k	<25 k	<50 k	<25.0	<25.0	<12500	<50.0	--

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-6	13 - 19	19.08 †††	05/30/12 ee,S5	14.68	4.40	0.94	0	No	60,100	1,080	1,220	3,860	14,200	94.1	42.5	<0.50	<1.0	--	--	<250	--	--
MW-6	13 - 19	19.08 †††	08/06/12 ee	17.02	2.06	-2.34	0	No	39,000	1,000	260	3,800	8,200	140.0	<50	<10	<10	<10	<10	<100	<10	--
MW-6	13 - 19	19.08 †††	02/14/13	14.28	4.80	2.74	0	No	45,000	1,000	1,600	2,800	7,300	130	<70	<15	<15	<15	<15	<150	<15	820
MW-6	13 - 19	19.08 †††	07/08/13	17.30	1.78	-3.02	0	No	17,000	800	63	2,300	2,300	150	29	<4.0	<4.0	<4.0	<4.0	<40	<4.0	620
MW-6	13 - 19	19.08 †††	01/28/14	17.88	1.20	-0.58	0	No	15,000	810	44	1,700	870	86	27	<2.5	<2.5	<2.5	<2.5	<25	<2.5	520
MW-6	13 - 19	19.08 †††	08/04/14	18.15	0.93	-0.27	0	No	23,000	1,100	160	2,700	2,900	110	43	<2.5	<2.5	<2.5	<2.5	<50	<2.5	750
MW-6	13 - 19	19.08 †††	02/26/15	13.49	5.59	4.66	0	No	26,000	1,500	1,700	<5.0	4,800	110	<50	<5.0	<5.0	<5.0	<5.0	<40	<5.0	870
MW-6	13 - 19	19.08 †††	08/28/15	19.07	0.01	19.06	0	No	Insufficient Water													
MW-6	13 - 19	19.08 †††	01/27/16	13.83	5.25	8.58	0	No	46,000	1,500	1,700	2,900	3,490	94	<250	<50	<12	<50	<50	<2,500	<25	830
MW-6	13 - 19	19.08 †††	07/14/16	17.20	1.88	15.32	0	No	18,000	1,200	<25	2,900	1,056	60	<250	<50	<12	<50	<50	<2,500	<25	**710**
MW-6	13 - 19	19.08 †††	01/11/17	11.51	7.57	3.94	0	No	54,000	1,300	3,900	3,200	6,000	100	<250 a	<50 a	<12 a	<50 a	<50 a	<2500	<25 a	**790**
MW-6	13 - 19	19.08 †††	08/04/17	16.37	2.71	13.66	0	No	42,000	620	970	2,200	7,200	<25	<250	<50	<12	<50	<50	<2500	<25	**730**
MW-7	22 - 25	21.74 ††	01/26/07	17.17	4.57	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	08/28/07 u	19.19	2.55	-2.02	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	02/01/08	12.64	9.10	6.55	0	No	160 n,w	0.99	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	--	--
MW-7	22 - 25	21.74 ††	07/03/08	18.60	3.14	-5.96	0	No	130 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	08/18/08	19.34	2.40	-0.74	0	No	Monitoring well not sampled - gauged only													
MW-7	22 - 25	21.74 ††	01/30/09	17.80	3.94	1.54	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	07/30/09	19.20	2.54	-1.40	0	No	150 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	01/18/10	17.17	4.57	2.03	0	No	191	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-7	22 - 25	21.74 ††	03/30/10	14.83	6.91	2.34	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	07/14/10	17.78	3.96	-2.95	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	01/06/11	14.13	7.61	3.65	0	No	99.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	02/02/12	18.07	3.67	-3.94	0	No	176.0 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	05/30/12 ee	17.00	4.74	1.07	0	No	304	<0.50	<0.50	4.3	21.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-7	22 - 25	21.74 ††	08/06/12	19.50	2.24	-2.50	0	No	Monitoring well not sampled - gauged only													
MW-7	22 - 25	21.74 ††	02/14/13	21.74	0.00	-2.24	0	No	220 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-7	22 - 25	21.74 ††	07/08/13	17.51	4.23	4.23	0	No	Monitoring well not sampled - gauged only													
MW-7	22 - 25	21.74 ††	01/28/14	20.38	1.36	-2.87	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-7	22 - 25	21.74 ††	08/04/14	20.78	0.96	-0.40	0	No	Monitoring well not sampled - gauged only													
MW-7	22 - 25	21.74 ††	02/26/15	15.72	6.02	5.06	0	No	100	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-7	22 - 25	21.74 ††	08/28/15	21.74	0.00	-6.02	0	No	Gauging Only during third quarter events.													
MW-7	22 - 25	21.74 ††	01/27/16	16.24	5.50	5.50	0	No	230	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-7	22 - 25	21.74 ††	07/14/16	19.71	2.03	-3.47	0	No	Monitoring well not sampled - gauged only													
MW-7	22 - 25	21.74 ††	01/11/17	13.13	8.61	6.58	0	No	**220**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-7	22 - 25	21.74 ††	08/04/17	18.83	2.91	-5.70	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	01/26/07	14.09	4.33	--	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	08/28/07	15.98	2.44	-1.89	0	No	<50 n,q	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	02/01/08	9.66	8.76	6.32	0	No	59 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	--	--
MW-8	17 - 30	18.42 ††	07/03/08	14.57	3.85	-4.91	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	08/18/08	16.11	2.31	-1.54	0	No	Monitoring well not sampled - gauged only													
MW-8	17 - 30	18.42 ††	01/30/09	14.64	3.78	1.47	0	No	77 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	07/30/09	16.16	2.26	-1.52	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	01/18/10	14.03	4.39	2.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-8	17 - 30	18.42 ††	03/30/10	11.53	6.89	2.50	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	07/14/10	14.69	3.73	-3.16	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	01/06/11	11.09	7.33	3.60	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	02/02/12	14.90	3.52	-3.81	0	No	64.4 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-8	17 - 30	18.42 ††	05/30/12	14.09	4.33	0.81	0	No	Monitoring well not sampled - gauged only													
MW-8	17 - 30	18.42 ††	08/06/12	16.23	2.19	-2.14	0	No	Monitoring well not sampled - gauged only													
MW-8	17 - 30	18.42 ††	02/14/13	18.42	0.00	-2.19	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-8	17 - 30	18.42 ††	07/08/13	16.85	1.57	1.57	0	No	Monitoring well not sampled - gauged only													
MW-8	17 - 30	18.42 ††	08/04/14	17.50	0.92	-0.65	0	No	Monitoring well not sampled - gauged only													
MW-8	17 - 30	18.42 ††	02/26/15	12.81	5.61	4.69	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-8	17 - 30	18.42 ††	08/28/15	18.42	0.00	-5.61	0	No	Monitoring well not sampled - gauged only													

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-8	17 - 30	18.42 ††	07/14/16	18.42	0.00	0.00	0	No	Monitoring well not sampled - gauged only													
MW-8	17 - 30	18.42 ††	01/11/17	10.04	8.38	8.38	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-8	17 - 30	18.42 ††	08/04/17	15.60	2.82	-5.56	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11.5 - 15	19.42 ††	01/26/07	14.90	4.52	--	0	No	<50 n,q	<0.50	<0.50	<0.50	0.73	<0.50	--	--	--	--	--	--	--	--
MW-9	11.5 - 15	19.42 ††	08/28/07	14.98	4.44	-0.08	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	2/1/2008	10.50	8.92	4.48	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	<0.50	--	--	--	--	--
MW-9	11.5 - 15	19.42 ††	07/03/08	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	08/18/08	DRY	--	--	0	No	Monitoring well not sampled - gauged only													
MW-9	11.5 - 15	19.42 ††	01/30/09	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	07/30/09	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	01/18/10	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	03/30/10	12.62	6.80	--	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-9	11.5 - 15	19.42 ††	07/14/10	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	01/06/11	11.90	7.52	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-9	11.5 - 15	19.42 ††	02/02/12	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	05/30/12	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	08/06/12	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	02/14/13 gg	14.37	5.05	--	0	No	<50	<0.50	<0.50	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-9	11.5 - 15	19.42 ††	07/08/13	DRY	--	--	--	--	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	01/28/14	DRY	--	--	--	--	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	08/04/14	DRY	--	--	--	--	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	02/25/15	13.62	5.80	0.75	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-9	11.5 - 15	19.42 ††	08/28/15	DRY	--	--	--	No	Monitoring well not sampled - reported as dry													
MW-9	11.5 - 15	19.42 ††	01/27/16	13.96	5.46	-0.34	0	No	Monitoring well not sampled - Insufficient Water													
MW-9	11.5 - 15	19.42 ††	07/14/16	DRY	--	--	0	No	Monitoring well not sampled - gauged only													
MW-9	11.5 - 15	19.42 ††	01/11/17	11.02	8.40	2.94	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-9	11.5 - 15	19.42 ††	08/04/17	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-10	6 - 13.5	19.17 †††	08/18/08	DRY	--	--	0	No	Monitoring well not sampled - gauged only													
MW-10	6 - 13.5	19.17 †††	01/30/09	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-10	6 - 13.5	19.17 †††	07/30/09	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-10	6 - 13.5	19.17 †††	01/18/10	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-10	6 - 13.5	19.17 †††	03/30/10	12.47	6.70	--	0	No	Monitoring well not sampled - insufficient water column													
MW-10	6 - 13.5	19.17 †††	07/14/10	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-10	6 - 13.5	19.17 †††	01/06/11	12.16	7.01	--	0	No	Monitoring well not sampled - gauged only													
MW-10	6 - 13.5	19.17 †††	02/02/12	DRY	--	--	0	No	Monitoring well not sampled - reported as dry													
MW-10	6 - 13.5	19.17 †††	MONITORING WELL DESTROYED ON 04/11/2012																			
MW-10R	6 -- 21	19.11 †††††	05/30/12 ee,ss	15.02	4.09	--	0	No	89,300	77.0	103	5,670	27,900	5.0	6.3	<0.50	<1.0	--	--	<250	--	--
MW-10R	6 -- 21	19.11 †††††	08/06/12 ee	17.26	1.85	-2.24	0	No	47,000	53.0	<20	3,300	12,000	<20	<90	<20	<20	<20	<20	<100	<20	--
MW-10R	6 -- 21	19.11 †††††	02/14/13	14.69	4.42	2.57	0	No	49,000	38	<15	2,500	10,000	<15	<70	<15	<15	<15	<15	<150	<15	1,300
MW-10R	6 -- 21	19.11 †††††	07/08/13	17.65	1.46	-2.96	0	No	56,000	31	<15	2,000	7,500	<15	<70	<15	<15	<15	<15	<150	<15	970
MW-10R	6 -- 21	19.11 †††††	01/28/14	18.22	0.89	-0.57	0	No	56,000	28	<15	2,600	9,200	<15	<70	<15	<15	<15	<15	<150	<15	1,100
MW-10R	6 -- 21	19.11 †††††	08/04/14	18.51	0.60	-0.29	0	No	27,000	31	9	2,000	6,900	0.8	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	630
MW-10R	6 -- 21	19.11 †††††	02/26/15	13.77	5.34	4.74	0	No	9,800	12	<2.5	670	1,400	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<50	<2.5	380
MW-10R	6 -- 21	19.11 †††††	06/25/15	17.14	1.97	-3.37	0	No	50,000	38	<50	3,600	9,300	<50	<500	<100	<25	<100	<100	<5,000	<50	1,200
MW-10R	6 -- 21	19.11 †††††	08/28/15	18.80	0.31	-1.66	0	No	46,000	28	<25	2,800	7,200	<25	<250	<50	<12	<50	<50	<2500	<25	850
MW-10R	6 -- 21	19.11 †††††	10/26/15	19.62	-0.51	-0.82	0	No	Monitoring well not sampled - insufficient water column													
MW-10R	6 -- 21	19.11 †††††	01/26/16	13.98	5.13	5.64	0	No	28,000	24	<20	1,600	3,410	<20	<200	<40	<10	<40	<40	<2000	<20	570
MW-10R	6 -- 21	19.11 †††††	07/14/16	17.60	1.51	-3.62	0	No	7,400	13	<5.0	520	626	<5.0	<50	<10	<2.5	<10	<10	<500	<5.0	**260**
MW-10R	6 -- 21	19.11 †††††	01/11/17	10.68	8.43	6.92	0	No	16,000	16	<10 a	1,100	1,900	<10 a	<100 a	<20 a	<5.0 a	<20 a	<20 a	<1000 a	<10 a	**390**
MW-10R	6 -- 21	19.11 †††††	08/04/17	16.74	2.37	-6.06	0	No	17,000	17	<10	1,100	2,300	<10	<100	<20	<5.0	<20	<20	<1000	<10	**420**
MW-11	5 - 15	19.23 †††	08/18/08	14.71	4.52	--	0	No	Monitoring well not sampled - gauged only													
MW-11	5 - 15	19.23 †††	01/30/09	14.80	4.43	-0.09	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	07/30/09	14.83	4.40	-0.03	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	01/18/10	14.62	4.61	0.21	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	03/30/10	12.52	6.71	2.10	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [3] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-11	5 - 15	19.23 †††	07/14/10	14.53	4.70	-2.01	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	01/06/11	13.05	6.18	1.48	0	No	Monitoring well not sampled - gauged only													
MW-11	5 - 15	19.23 †††	02/02/12	14.68	4.55	-1.63	0	No	Monitoring well not sampled - gauged only													
MW-11	5 - 15	19.23 †††	05/30/12 ee	14.25	4.98	0.43	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-11	5 - 15	19.23 †††	08/06/12 gg	14.48	4.75	-0.23	0	No	Monitoring well not sampled - insufficient water column													
MW-11	5 - 15	19.23 †††	02/14/13 gg	14.08	5.15	0.17	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-11	5 - 15	19.23 †††	MONITORING WELL DESTROYED ON 03/15/2013																			
MW-12B	19 - 29	18.68 †††	08/18/08	16.99	1.69	--	0	No	290 n	<0.50	<0.50	0.70	1.9	3.5 k	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-12B	19 - 29	18.68 †††	01/30/09	15.50	3.18	1.49	0	No	1,300 k	<1.2 k	<1.2 k	2.3 k	7.7 k	<1.2 k	--	--	--	--	--	--	--	--
MW-12B	19 - 29	18.68 †††	07/30/09	17.07	1.61	-1.57	0	No	300 k,n,w	<1.0 k	<1.0 k	<1.0 k	2.9 k	1.5 k	--	--	--	--	--	--	--	--
MW-12B	19 - 29	18.68 †††	01/18/10	14.97	3.71	2.10	0	No	221	1.9	1.7	1.7	5.8	<0.50	--	--	--	--	--	--	--	--
MW-12B	19 - 29	18.68 †††	03/30/10	12.24	6.44	2.73	0	No	<50.0	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	07/14/10	15.55	3.13	-3.31	0	No	296 aa	<0.50	<0.50	<0.50	<1.5	2.10	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	01/06/11	11.81	6.87	3.74	0	No	243 bb	<0.50	<0.50	<0.50	<1.5	0.60	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	02/02/12	15.77	2.91	-3.96	0	No	283 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-12B	19 - 29	18.68 †††	05/30/12	14.92	3.76	0.85	0	No	Monitoring well not sampled - gauged only													
MW-12B	19 - 29	18.68 †††	08/06/12 ee	17.12	1.56	-2.20	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-12B	19 - 29	18.68 †††	02/14/13	19.50	-0.82	-2.38	0	No	280 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-12B	19 - 29	18.68 †††	07/08/13	17.50	1.18	2.00	0	No	200 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	01/28/14	18.01	0.67	-0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	08/04/14	18.41	0.27	-0.40	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	02/25/15	13.72	4.96	4.69	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-12B	19 - 29	18.68 †††	08/28/15	18.70	-0.02	-4.98	0	No	150	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-12B	19 - 29	18.68 †††	01/27/16	13.81	4.87	4.89	0	No	300	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-12B	19 - 29	18.68 †††	07/14/16	17.40	1.28	-3.59	0	No	Monitoring well not sampled - gauged only													
MW-12B	19 - 29	18.68 †††	01/11/17	10.23	8.45	7.17	0	No	160	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-12B	19 - 29	18.68 †††	08/04/17	16.61	2.07	-6.38	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	08/18/08	16.92	2.22	--	0	No	300 n	3	0.98	<0.50	5.4	3.5 k	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-13B	21 - 31	19.14 †††	01/30/09	15.41	3.73	1.51	0	No	430 k,n,w	<1.2 k	<1.2 k	<1.2 k	<2.5 k	<1.2 k	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	07/30/09	17.00	2.14	-1.59	0	No	390 k,n,w	4.9 k	<1.0 k	<1.0 k	<2.0 k	3.0 k	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	01/18/10	14.81	4.33	2.19	0	No	314	<0.50	<0.50	<0.50	<1.5	1.1	--	--	--	--	--	--	--	--
MW-13B	21 - 31	19.14 †††	03/30/10	12.10	7.04	2.71	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	07/15/10	15.47	3.67	-3.37	0	No	1,340	145	<0.50	4.0	<1.5	91.3	96.6	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	01/06/11	11.79	7.35	3.68	0	No	403 bb	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	02/02/12	15.70	3.44	-3.91	0	No	216 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-13B	21 - 31	19.14 †††	05/30/12 ee	14.82	4.32	0.88	0	No	2,110	321 dd	0.75	2.7	6.7	90.8	45.3	<0.50	<1.0 dd	--	--	<250	--	--
MW-13B	21 - 31	19.14 †††	08/06/12 ee	17.07	2.07	-2.25	0	No	230 cc	<0.50	<0.50	<0.50	<0.50	2.5	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-13B	21 - 31	19.14 †††	02/14/13	14.33	4.81	2.74	0	No	820	150	<0.50	0.94	0.64	28	8.1	<0.50	<0.50	<0.50	<0.50	<8.0	<0.50	--
MW-13B	21 - 31	19.14 †††	07/08/13	17.40	1.74	-3.07	0	No	240 cc	<0.50	<0.50	<0.50	<0.50	0.73	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-13B	21 - 31	19.14 †††	01/28/14	17.95	1.19	-0.55	0	No	330 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-13B	21 - 31	19.14 †††	08/04/14	18.30	0.84	-0.35	0	No	270 cc	0.88	<0.50	<0.50	<0.50	1.6	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-13B	21 - 31	19.14 †††	02/26/15	13.61	5.53	4.69	0	No	290	35.00	<0.50	<0.50	<0.50	5.5	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	6.3
MW-13B	21 - 31	19.14 †††	08/28/15	18.62	0.52	-5.01	0	No	260	6.80	<1.0	<1.0	<2.0	4.1	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-13B	21 - 31	19.14 †††	01/27/16	13.81	5.33	4.81	0	No	320	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-13B	21 - 31	19.14 †††	07/14/16	17.42	1.72	-3.61	0	No	Monitoring well not sampled - gauged only													
MW-13B	21 - 31	19.14 †††	01/11/17	10.71	8.43	6.71	0	No	360	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-13B	21 - 31	19.14 †††	08/04/17	16.45	2.69	-5.74	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	08/18/08	16.26	2.21	--	0	No	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-14B	18.8 - 28.8	18.47 †††	01/30/09	14.81	3.66	1.45	0	No	85 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	07/30/09	16.31	2.16	-1.50	0	No	61 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	01/18/10	14.20	4.27	2.11	0	No	<50	<0.50	<0.50	0.52	<1.5	<0.50	--	--	--	--	--	--	--	--
MW-14B	18.8 - 28.8	18.47 †††	03/30/10	11.78	6.69	2.42	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-14B	18.8 - 28.8	18.47 †††	07/14/10	14.80	3.67	-3.02	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-14B	18.8 - 28.8	18.47 †††	01/06/11	11.18	7.29	3.62	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-14B	18.8 - 28.8	18.47 †††	02/02/12	15.05	3.42	-3.87	0	No	75.9 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-14B	18.8 - 28.8	18.47 †††	05/30/12 ee	14.20	4.27	0.85	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-14B	18.8 - 28.8	18.47 †††	08/06/12	16.44	2.03	-2.24	0	No	Monitoring well not sampled - gauged only													
MW-14B	18.8 - 28.8	18.47 †††	02/14/13	13.74	4.73	2.70	0	No	59 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-14B	18.8 - 28.8	18.47 †††	07/08/13	17.10	1.37	-3.36	0	No	Monitoring well not sampled - gauged only													
MW-14B	18.8 - 28.8	18.47 †††	08/04/14	17.68	0.79	-0.58	0	No	Monitoring well not sampled - gauged only													
MW-14B	18.8 - 28.8	18.47 †††	02/26/15	12.97	5.50	4.71	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-14B	18.8 - 28.8	18.47 †††	08/28/15	17.90	0.57	-4.93	0	No	Monitoring well not sampled - gauged only													
MW-14B	18.8 - 28.8	18.47 †††	01/27/16	13.15	5.32	4.75	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-14B	18.8 - 28.8	18.47 †††	07/14/16	16.69	1.78	-3.54	0	No	Monitoring well not sampled - gauged only													
MW-14B	18.8 - 28.8	18.47 †††	01/11/17	10.07	8.40	6.62	0	No	**56**	<0.50	<1.0	<1.0	<1.0	<1.0	11	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-14B	18.8 - 28.8	18.47 †††	08/04/17	15.75	2.72	-5.68	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	08/18/08	17.32	1.80	--	0	No	61 n	<0.50	<0.50	<0.50	<1.0	<0.50	<10.0	<0.50	<0.50	--	--	<250	--	--
MW-15B	17 - 27	19.12 †††	01/30/09	15.80	3.32	1.52	0	No	110 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	07/30/09	17.40	1.72	-1.60	0	No	140 n,w	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	01/18/10	15.21	3.91	2.19	0	No	81.8	<0.50	<0.50	<0.50	<1.5	<0.50 z	--	--	--	--	--	--	--	--
MW-15B	17 - 27	19.12 †††	03/30/10	12.69	6.43	2.52	0	No	--	--	--	--	--	--	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	07/14/10	15.82	3.30	-3.13	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	01/06/11	12.10	7.02	3.72	0	No	93.1 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	02/02/12	16.05	3.07	-3.95	0	No	191 bb	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-15B	17 - 27	19.12 †††	05/30/12	15.25	3.87	0.80	0	No	Monitoring well not sampled - gauged only													
MW-15B	17 - 27	19.12 †††	08/06/12	17.35	1.77	-2.10	0	No	Monitoring well not sampled - gauged only													
MW-15B	17 - 27	19.12 †††	02/14/13	14.79	4.33	2.56	0	No	180 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-15B	17 - 27	19.12 †††	07/08/13	16.92	2.20	-2.13	0	No	Monitoring well not sampled - gauged only													
MW-15B	17 - 27	19.12 †††	01/28/14	18.33	0.79	-1.41	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-15B	17 - 27	19.12 †††	08/04/14	18.75	0.37	-0.42	0	No	Monitoring well not sampled - gauged only													
MW-15B	17 - 27	19.12 †††	02/25/15	13.99	5.13	4.76	0	No	160	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-15B	17 - 27	19.12 †††	08/28/15	19.12	0.00	-5.13	0	No	Monitoring well not sampled - gauged only													
MW-15B	17 - 27	19.12 †††	01/27/16	14.12	5.00	5.00	0	No	250	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-15B	17 - 27	19.12 †††	07/14/16	17.69	1.43	-3.57	0	No	Monitoring well not sampled - gauged only													
MW-15B	17 - 27	19.12 †††	01/11/17	10.58	8.54	7.11	0	No	**240**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-15B	17 - 27	19.12 †††	08/04/17	16.88	2.24	-6.30	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17B	21 - 27	18.75 ††††	06/07/11	13.33	5.42	--	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	<0.50	<0.50	<250	<1.0	--
MW-17B	21 - 27	18.75 ††††	02/02/12	15.10	3.65	-1.77	0	No	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	9.5	<0.50	<1.0	--	--	<250	--	--
MW-17B	21 - 27	18.75 ††††	05/30/12	14.14	4.61	0.96	0	No	Monitoring well not sampled - gauged only													
MW-17B	21 - 27	18.75 ††††	08/06/12	16.49	2.26	-1.39	0	No	Monitoring well not sampled - gauged only													
MW-17B	21 - 27	18.75 ††††	02/14/13	13.78	4.97	2.71	0	No	61 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-17B	21 - 27	18.75 ††††	07/08/13	16.86	1.89	-3.08	0	No	Monitoring well not sampled - gauged only													
MW-17B	21 - 27	18.75 ††††	01/28/14	17.35	1.40	-0.49	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-17B	21 - 27	18.75 ††††	08/04/14	17.70	1.05	-0.35	0	No	Monitoring well not sampled - gauged only													
MW-17B	21 - 27	18.75 ††††	02/25/15	13.00	5.75	4.70	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-17B	21 - 27	18.75 ††††	08/28/15	18.10	0.65	-5.10	0	No	Monitoring well not sampled - gauged only													
MW-17B	21 - 27	18.75 ††††	01/27/16	13.21	5.54	4.89	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-17B	21 - 27	18.75 ††††	07/14/16	16.75	2.00	-3.54	0	No	Monitoring well not sampled - gauged only													
MW-17B	21 - 27	18.75 ††††	01/11/17	10.55	8.20	6.20	0	No	**<50**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-17B	21 - 27	18.75 ††††	08/04/17	15.80	2.95	-5.25	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6 -- 21	19.61 †††††	05/30/12 ee, SS	15.27	4.34	--	0	No	98,900	3,420	23,000	2,440	15,200	1,270	2,460	<0.50	<1.0	--	--	<250	--	--
MW-18	6 -- 21	19.61 †††††	08/06/12 ee, SS	17.60	2.01	-2.33	0	No	46,000	2,300	9,500	1,400	12,000	1,600	2,200	<15	<15	<15	<15	<150	<15	--
MW-18	6 -- 21	19.61 †††††	02/14/13	14.90	4.71	2.70	0	No	16,000	410	1,500	370	2,500	450	1,400	<3.0	<3.0	<3.0	<3.0	<30	<3.0	140
MW-18	6 -- 21	19.61 †††††	07/08/13	17.90	1.71	-3.00	0	No	36,000	1,900	5,500	1,200	6,400	1,000	1,200	<3.0	<3.0	<3.0	<3.0	<250 ii	<3.0	320
MW-18	6 -- 21	19.61 †††††	01/28/14	18.47	1.14	-0.57	0	No	22,000	530	1,800	560	2,600	480	1,700	<2.5	<2.5	<2.5	<2.5	<25	<2.5	160
MW-18	6 -- 21	19.61 †††††	08/04/14	18.82	0.79	-0.92	0	No	24,000	1,300	1,500	1,000	4,200	870	1,500	<2.5	<2.5	<2.5	<2.5	<70	<2.5	260
MW-18	6 -- 21	19.61 †††††	NS	Monitoring well not gauged or sampled - inaccessible due to parked car																		
MW-18	6 -- 21	19.61 †††††	08/28/15	19.14	0.47	-0.32	--	NO	24,000	810	1,700	780	3,800	340	1,200	<20	<5.0	<20	<20	<1000	<10	150
MW-18	6 -- 21	19.61 †††††	01/27/16	14.40	5.21	4.42	0	No	84,000	890	11,000	1,700	10,800	<100	<1000	<200	<50	<200	<200	<10,000	<100	<1000
MW-18	6 -- 21	19.61 †††††	07/14/16	17.90	1.71	1.71	0	No	24,000	760	1,700	840	4,200	170	420	<20	<5.0	<20	<20	<1000	<10	210

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [3] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-18	6 -- 21	19.61 †††††	01/11/17	11.03	8.58	8.11	0	No	3,500	5	120	39	520	<2.0 a	<20 a	<4.0 a	<1.0 a	<4.0 a	<4.0 a	<200 a	<2.0 a	32
MW-18	6 -- 21	19.61 †††††	08/04/17	16.96	2.65	-2.56	0	No	12,000	110	600	330	2,100	99	300	<4.0	<1.0	<4.0	<4.0	<200	<2.0	120
MW-19	6 -- 21	19.06 †††††	05/30/12 ee,SS	14.85	4.21	--	0	No	15,700	13.5	14.0	427	2,180	0.83	<5.0	<0.50	<1.0	--	--	<250	--	--
MW-19	6 -- 21	19.06 †††††	08/06/12	17.18	1.88	-2.33	--	--	Monitoring well not sampled - gauged only													
MW-19	6 -- 21	19.06 †††††	09/07/12 ee	17.63	1.43	-0.45	0	No	190	<0.50	<0.50	1.6	7.4	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
MW-19	6 -- 21	19.06 †††††	02/14/13	14.50	4.56	3.13	0	No	470	1.4	<0.50	44	8.2	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	29
MW-19	6 -- 21	19.06 †††††	07/08/13	17.50	1.56	-3.00	0	No	100	<0.50	<0.50	2.2	4.10	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	0.6
MW-19	6 -- 21	19.06 †††††	01/28/14	18.00	1.06	-0.50	0	No	720	0.79	<0.50	35	0.99	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	5.1
MW-19	6 -- 21	19.06 †††††	08/04/14	18.40	0.66	-0.40	0	No	190	<0.50	<0.50	5.8	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-19	6 -- 21	19.06 †††††	02/26/15	13.69	5.37	4.71	0	No	3,000	9.70	2.0	240	160.00	0.79	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	240.0
MW-19	6 -- 21	19.06 †††††	08/28/15	18.68	0.38	-4.99	--	No	250	<0.50	<1.0	3	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-19	6 -- 21	19.06 †††††	01/27/16	13.87	5.19	4.81	0	No	5,100	3.20	2.1	48.0	15.00	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	140.0
MW-19	6 -- 21	19.06 †††††	07/14/16	17.43	1.63	-3.56	0	No	Monitoring well not sampled - gauged only													
MW-19	6 -- 21	19.06 †††††	01/11/17	10.61	8.45	6.82	0	No	**13,000**	**30**	**5.6**	**630**	**350**	<5.0 a	<50 a	<10 a	<2.5 a	<10 a	<10 a	<500 a	<5.0 a	**620**
MW-19	6 -- 21	19.06 †††††	08/04/17	16.53	2.53	-5.92	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	6 -- 21	19.01 †††††††	05/20/13	17.00	2.01	--	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<10
MW-20	6 -- 21	19.01 †††††††	07/08/13	17.70	1.31	0.70	0	No	110 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	01/28/14	18.21	0.80	0.51	0	No	<50 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	05/22/14	16.76	2.25	-1.45	0	No	140 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	08/04/14	18.60	0.41	1.84	0	No	160 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	11/24/14	18.49	0.52	0.11	0	No	300	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-20	6 -- 21	19.01 †††††††	02/25/15	13.86	5.15	4.63	0	No	70	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	0.6
MW-20	6 -- 21	19.01 †††††††	08/28/15	18.93	0.08	-5.07	--	No	67	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-20	6 -- 21	19.01 †††††††	01/27/16	14.00	5.01	4.93	0	No	130	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-20	6 -- 21	19.01 †††††††	07/14/16	17.54	1.47	-3.54	0	No	Monitoring well not sampled - gauged only													
MW-20	6 -- 21	19.01 †††††††	01/11/17	10.48	8.53	7.06	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-20	6 -- 21	19.01 †††††††	08/04/17	16.76	2.25	-6.28	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	6 -- 21	18.52 †††††††	05/20/13	16.83	1.69	--	0	No	3,400	0.72	<0.50	150	290	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20 hh	<0.50	82
MW-21	6 -- 21	18.52 †††††††	07/08/13	17.30	1.22	0.47	0	No	24,000	<5.0	<5.0	1,000	2,600	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<50	<5.0	460
MW-21	6 -- 21	18.52 †††††††	01/28/14	17.87	0.65	0.57	0	No	15,000	2.7	2.3	840	1,600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<50 hh	<0.50	340
MW-21	6 -- 21	18.52 †††††††	05/22/14	16.34	2.18	-1.53	0	No	3,400	1.5	0.63	170	260	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<8.0 hh	<0.50	69
MW-21	6 -- 21	18.52 †††††††	08/04/14	18.15	0.37	1.81	0	No	8,600	1.7	<1.5	480	860	<1.5	<7.0	<1.5	<1.5	<1.5	<1.5	<15 hh	<1.5	220
MW-21	6 -- 21	18.52 †††††††	11/24/14	18.00	0.52	0.15	0	No	11,000	2.1	1.50	520	600	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<20.0	<0.50	320
MW-21	6 -- 21	18.52 †††††††	02/25/15	13.45	5.07	4.55	0	No	700	0.7	<0.50	55	94	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	24
MW-21	6 -- 21	18.52 †††††††	06/25/15	17.38	1.14	-3.93	0	No	10,000	2.6	<5.0	610	880	<5.0	<50	<10	<2.5	<10	<10	<500	<5.0	270
MW-21	6 -- 21	18.52 †††††††	06/25/15	17.38	1.14	0.00	0	No	10,000	2.6	<5.0	610	900	<5.0	<50	<10	<2.5	<10	<10	<500	<5.0	270
MW-21	6 -- 21	18.52 †††††††	08/28/15	18.49	0.03	-1.11	0	No	6,500	1.9	<2.0	300	<222	<2.0	<20	<4.0	<1.0	<4.0	<4.0	<200	<2.0	180
MW-21	6 -- 21	18.52 †††††††	10/26/15	19.03	-0.51	-0.54	0	No	2,300	1.1	<2.0	52	20	<2.0	<20	<4.0	<1.0	<4.0	<4.0	<200	<2.0	55
MW-21	6 -- 21	18.52 †††††††	01/27/16	13.63	4.89	5.40	0	No	840	0.5	<1.0	3	4.6	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	26
MW-21	6 -- 21	18.52 †††††††	07/14/16	17.21	1.31	-3.58	0	No	3,700	1.5	<1.0	180	12	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<0.50	190
MW-21	6 -- 21	18.52 †††††††	01/11/17	10.06	8.46	7.15	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-21	6 -- 21	18.52 †††††††	08/04/17	16.32	2.20	-6.26	o	No	1,700	0.79	<1.0	15	4.9	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	39
MW-22	6 -- 21	20.86 †††††††††	07/08/13	19.50	1.36	--	0	No	Monitoring well not sampled - insufficient water to sample													
MW-22	6 -- 21	20.86 †††††††††	09/24/13	19.55	1.31	-0.05	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-22	6 -- 21	20.86 †††††††††	01/28/14	19.56	1.30	-0.01	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	24 jj	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-22	6 -- 21	20.86 †††††††††	08/04/14	20.05	0.81	-0.49	0	No	Monitoring well not sampled - gauged only													
MW-22	6 -- 21	20.86 †††††††††	02/25/15	14.95	5.91	5.10	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-22	6 -- 21	20.86 †††††††††	08/28/15	DRY	--	--	--	No	Monitoring well not sampled - reported as dry													
MW-22	6 -- 21	20.86 †††††††††	01/27/16	15.41	5.45	-0.46	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-22	6 -- 21	20.86 †††††††††	07/14/16	18.80	2.06	-3.39	0	No	61	<0.50	1.5	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-22	6 -- 21	20.86 †††††††††	01/11/17	12.51	8.35	6.29	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-22	6 -- 21	20.86 †††††††††	08/04/17	17.78	3.08	-5.27	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 †††††††††	07/08/13	20.10	2.23	--	0	No	190 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 †††††††††	01/28/14	20.63	1.70	-0.53	0	No	260 kk	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 †††††††††	08/04/14	21.03	1.30	-0.40	0	No	210 cc	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50

TABLE 2

TABLE 3

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [3] (µg/L)	BTEX [2] Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
MW-23	21 -- 31	22.33 †††††††	02/25/15	16.10	6.23	4.93	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 †††††††	07/14/16	18.80	2.06	-4.17	0	No	150	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-23	21 -- 31	22.33 †††††††	08/28/15	21.31	1.02	-1.04	0	No	170	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 †††††††	01/27/16	16.31	6.02	5.00	0	No	210	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 †††††††	07/14/16	19.02	3.31	-2.71	0	No	Monitoring well not sampled - gauged only													
MW-23	21 -- 31	22.33 †††††††	01/11/17	13.43	8.90	5.59	0	No	210	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-23	21 -- 31	22.33 †††††††	08/04/17	19.05	3.28	-5.62	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	6 -- 21	19.51 †††††††	07/08/13	18.00	1.51	--	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 †††††††	09/24/13	18.79	0.72	-0.79	0	No	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 †††††††	01/28/14	18.48	1.03	0.31	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 †††††††	08/04/14	18.91	0.60	-0.43	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 †††††††	02/25/15	14.13	5.38	4.78	0	No	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
MW-24	6 -- 21	19.51 †††††††	08/28/15	19.24	0.27	-5.11	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-24	6 -- 21	19.51 †††††††	01/27/16	14.26	5.25	4.98	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-24	6 -- 21	19.51 †††††††	07/14/16	17.80	1.71	-3.54	0	No	Monitoring well not sampled - gauged only													
MW-24	6 -- 21	19.51 †††††††	01/11/17	10.69	8.82	7.11	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-24	6 -- 21	19.51 †††††††	08/04/17	17.02	2.49	-6.33	0	No	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6 -- 21	18.60 †††††††††	02/26/15	13.91	5.60	--	0	No	<50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50
MW-25	6 -- 21	18.60 †††††††††	06/25/15	17.71	0.89	-4.71	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	09/01/15	18.92	-0.32	-1.21	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	10/26/15	19.47	-0.87	-0.55	0	No	Monitoring well not sampled - gauged only													
MW-25	6 -- 21	18.60 †††††††††	01/27/16	13.95	4.65	5.52	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	07/14/16	17.60	1.00	-3.65	0	No	<50	<0.50	<1.0	<1.0	<2.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	01/11/17	10.23	8.37	7.37	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
MW-25	6 -- 21	18.60 †††††††††	08/04/17	16.85	1.75	-6.62	0	No	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<0.50	<2.0	<2.0	<100	<1.0	<10
QCTB	--	-- --	03/10/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/11/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	09/30/05	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	03/01/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	0.81	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/02/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	12/15/06	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	<1.0	--	--	<250	--	--
QCTB	--	-- --	01/26/07	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/28/07	--	--	--	--	--	<500 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	<5.0 k,t	--	--	--	--	--	--	--	--
QCTB	--	-- --	02/01/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	07/03/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	08/18/08	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	01/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
QCTB	--	-- --	07/30/09	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
TB1	--	-- --	01/18/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--	--	--	--	--
TB1	--	-- --	07/14/10	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	01/06/11	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	02/02/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	05/30/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<1.5	<0.50	<5.0	<0.50	<1.0	--	--	<250	--	--
TB1	--	-- --	08/06/12	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	--	--	<5.0	--	--
TB1	--	-- --	02/14/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
TB1	--	-- --	05/20/13	--	--	--	--	--	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	07/08/13	--	--	--	--	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
TB1	--	-- --	01/28/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	05/22/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	08/04/14	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	02/26/15	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	--
TB1	--	-- --	10/26/15	--	--	--	--	--	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10
TB1	--	-- --	01/27/16	--	--	--	--	--	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<.0.50	<2.0	<2.0	<100	<1.0	<10

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

anteagroup

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [3] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)									
Notes:																						
<	Denotes less than Practical Quantitation Limit (PQL) or Minimum Detection Level (MDL)							TOC	Top of Casing			GRO	Gasoline range organics				1,2-DCA	1,2-dichloroethane				
--	Not analyzed/applicable/measured							GW	Groundwater			BTEX	Benzene, toluene, ethylbenzene, xylenes				PCE	Tetrachloroethylene				
CRWQCB	California Regional Water Quality Control Board							GWE	Groundwater Elevation			MTBE	Methyl tert-butyl ether				TCE	Trichloroethylene				
ESLs	Environmental Screening Levels							NAPL	Non-aqueous phase liquid			TBA	Tert-butyl alcohol									
EPA	U.S. Environmental Protection Agency							µg/L	micrograms per liter			TAME	Tert-amyl methyl ether									
QCTB & TB1	Trip blank samples for quality control							mg/L	milligrams per liter													
♦	The elevations were surveyed relative to mean sea level, per the City of San Mateo Benchmark #33-2 (elevation = 17.65 feet amsl)																					
†	TOC elevations were surveyed by Morrow Surveying on August 13, 2005 to the NAVD 88 datum by GPS observations.																					
††	TOC elevations were surveyed by Morrow Surveying on January 16, 2007 to the NAVD 88 datum by GPS observations.																					
†††	TOC elevations were surveyed by Mid Coast Engineers on August 18, 2008 to the NAVD 88 datum by GPS observations.																					
††††	TOC elevation was surveyed by Mid Coast Engineers on June 6, 2011 to the NAVD 88 datum by GPS observations.																					
†††††	TOC elevation was surveyed by Mid Coast Engineers on May 25, 2012 to the NAVD 88 datum by GPS observations.																					
††††††	TOC elevation was surveyed by Morrow Surveying on May 16, 2013 to the NAVD 88 datum by GPS observations.																					
†††††††	TOC elevation was surveyed by Morrow Surveying on July 1, 2013 to the NAVD 88 datum by GPS observations.																					
††††††††	TOC elevation was surveyed by Morrow Surveying on February 6, 2015 to the NAVD 88 datum by GPS observations.																					
1	Analyzed by EPA Method 5030/8015M between 6/15/94 and 8/10/99, on 8/9/00, on 11/8/00, and between 2/13/02 and 2/18/03; by DHS LUFT between 11/9/99 and 5/18/00; on 2/14/01, and on 8/15/01; by EPA Method 8260B between 8/21/03 and the present.																					
2	Analyzed by EPA Method 5030/8020 between 6/15/94 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.																					
3	Analyzed by EPA Method 8020M between 3/8/96 and 8/10/99, on 8/9/00, and on 11/8/00; by DHS LUFT between 11/9/99 and 5/18/00, and on 2/14/01; by EPA Method 8021B between 2/13/02 and 2/18/03; by EPA Method 8260B between 8/21/03 and the present.																					
4	Analyzed by EPA Method 8260B.																					
5	Analyzed by EPA Method 8270C.																					
a	The presence of MTBE was potentially identified at reportable levels.																					
b	The presence of MTBE was identified at a level equal to or above the taste and odor threshold of 40 µg/L.																					
c	The hydrocarbons detected appeared to be gasoline and a non-gasoline mixture.																					
d	Chromatograph pattern: unidentified hydrocarbons C6-C12																					
e	Chromatograph pattern: weathered gasoline: C6-C12																					
f	Chromatograph pattern: discrete peaks C8-C12																					
g	Chromatograph pattern: discrete peaks																					
h	Sample was additionally run under EPA Method 8260B. MTBE was detected at 1,140 µg/L. All other analytes were non-detect.																					
i	Single analyte peak(s) were present in the requested fuel quantitation range. Fuel hydrocarbon pattern was not present.																					
j	The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.																					
k	Reporting limits (PQL or MDL) were raised due to the high level of analyte present in the sample ("D4")																					
l	Detection limit raised due to sample dilution																					
m	Estimated value																					
n	Chromatogram not typical of gasoline.																					
o	The BC laboratory report indicated that reported concentration of 200 µg/L TPPH was due only to the presence of 90 µg/L PCE, 15 µg/L trichloroethane, and 9.8 µg/L cis-1,2-DCA; therefore, SECOR has represented the results for TPPH in this laboratory report as non-detect.																					
p	TPPH was positive due to PCE present in the sample.																					
q	PCE, TCE, and/or 1,2-DCE were subtracted from the gasoline range TPPH, or GRO.																					
r	Sample hold time was exceeded.																					
s	Not enough sample to re-run for PCE.																					
t	First run did not pass, sample had to be diluted due to not enough sample. Only one voa submitted to lab.																					
u	Depth to GW was collected on 9/28/2007 and sample was collected on 8/30/2007																					
v	Sample also analyzed for TPH-diesel (reported at a concentration of 28,000, with the chromatogram reporting a diesel and non-diesel mixture (<C16, >C22)																					
w	Result was positive due to PCE and TCE present in the sample.																					
x	Data from re-sampling event on 3/30/2010.																					
y	"L2" = Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.																					
z	"M0" = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory reporting limits.																					
aa	"T4" = Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.																					
bb	"1n" = The GRO result for this sample did not match the pattern of the laboratory standard for gasoline, likely due to the presence of PCE in the sample																					
cc	Primary compounds not found in typical gasoline																					
dd	"M1" = The matrix spike exceeded the laboratory's QC limits. The batch was accepted based on acceptable recovery from the laboratory control sample.																					
ee	samples also tested for full VOCs, refer to laboratory analytical report for full list of analytes and results.																					

TABLE 2

~~TABLE 3~~

HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

Sample ID	As - Built Screen Interval (ft below TOC)	TOC Elevation (feet)	Date Sampled	Depth to GW (ft below TOC)	GWE (feet)	GWE Change (feet)	NAPL Thickness (feet)	Sheen	GRO [1] (µg/L)	BTEX [2]				MTBE [3] (µg/L)	TBA [4] (µg/L)	TAME [4] (µg/L)	1,2-DCA [4] (µg/L)	DIPE [4] (µg/L)	ETBE [4] (µg/L)	Ethanol [4] (µg/L)	EDB [4] (µg/L)	Naphthalene [5] (µg/L)
										Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)									

ff Sample also analyzed for organic lead (result was 'non-detect')
gg Groundwater sample collected may represent casing water trapped in the well bottom.
S5 Surrogate recovery was outside control limits due to matrix interferences (not confirmed by re-analysis).
hh The method reporting limit for ethanol has been increased due to the presence of an interfering compound.
ii Repeat analysis of GRO yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
jj Repeat analysis for TBA yielded inconsistent results. The concentrations appear to vary between the bottles. The highest valid result is reported.
kk original GRO testing indicated that the primary compounds were not found in typical gasoline. These values were recalculated under the 'Gasoline Hydrocarbon' parameter, calculated by adding up the chromatographic peaks between hexane and dodecan (C6 to C12), subtracting the non-gasoline compounds (primarily dichloroethene, Trichloroethene, and tetrachloroethene), and comparing against a gasoline calibration curve.

Analytical data prepared by Sequoia Analytical between 6/15/94 and 2/18/04; by Severn Trent Laboratories between 8/21/03 and 3/01/06; by BC Laboratories between 8/02/06 and 7/30/09, and by Pace Analytical / Kiff Analytical between 1/18/10 and the present.

TABLE 3

~~TABLE 2~~

HISTORICAL SOIL VAPOR SAMPLING ANALYTICAL DATA
76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

anteagroup

Sample ID	Sampled	Depth	2-Propanol (Leak Check Compound)	EPA TO-3	EPA - TO-14A or TO-15 or TO-15SIM																	ASTM D-1946				Field Measure	
				TPPH	1,3-DCB	Benzene	Toluene	Ethylbenzene	O-Xylene	P/M-Xylene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	EDB	1,2-DCA	Ethanol	PCE	Naphthalene	Methane	Carbon Dioxide	Oxygen	Helium	Lowest He in Shroud	Calculated He Leak
				(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(%)	(%)	(%)	(%)	(%)	(%)
Indoor Air Screening Levels (residential):				590	no value	0.084	310	0.97	--	--	100	9.4	no value	no value	no value	no value	0.034	0.12	no value	0.41	0.072	--	--	--	--	--	--
Sub-Slab Screening Levels (residential):				1.18E+04	no value	1.68	6,200	19	--	--	2,000	188	no value	no value	no value	no value	0.68	2.40	no value	8.2	1.44	--	--	--	--	--	--
Indoor Air Screening Levels (commercial):				2.50E+03	no value	0.42	1,300	1,000	--	--	440	47	no value	no value	no value	no value	0.17	0.58	no value	2.1	0.36	--	--	--	--	--	--
Sub-Slab Screening Levels (commercial):				5.00E+04	no value	8.40	26,000	20,000	--	--	8,800	940	no value	no value	no value	no value	3.40	11.60	no value	42	7.2	--	--	--	--	--	--
Shallow Soil Screening Levels (Commercial)				2.50E+06	no value	420	1,300	4,900	--	--	440,000	47,000	no value	no value	no value	no value	170	580	no value	2,100	360	--	--	--	--	--	--
Atmospheric Fixed Gas Concentrations:				--	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	0.00017	**0.040**	**20.95**	**0.000524**	--	--
VP-1	01/19/07	5	<7.2	<150	<4.4	<2.3	**16**	<3.2	<3.2	**8.2**		<2.6	<22	<12	<12	<12	<4.4	<3.0	<5.5	--	--	<0.00015	**0.46**	**22**	--	--	--
	02/01/07	5	<6.6	<140	<4.0	<2.1	**5.4**	<2.9	**3.5**	**6.3**		<2.4	<20	<11	<11	<11	<4.0	<2.7	<5.0	--	--	<0.00013	**0.5**	**21**	--	--	--
	08/23/13	5	--	<3800	--	<2.3	<2.7	<3.1	<3.1	<12	<15.1	<10	<8.7	<12	<12	<12	<5.5	<2.9	**15**	**19**	<37	<0.500	**1.51**	**20.3**	**0.0162**	41	0.0
	01/14/14	5	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**6.8**	<26	<0.500	**0.538**	**20.8**	<0.0100	54	0.0
VP-2	01/19/07	5	<6.8	<140	<4.2	<2.2	**3.4**	**3.2**	**13**	**3.5**	**16.5**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**33**	--	--	--
	01/19/07*	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.00014	**0.6**	**33**	--	--	--
	02/01/07	5	<6.8	<140	<4.2	<2.2	<2.6	<3.0	**6.3**	<3.0	**6.3**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**0.6**	**21**	--	--	--
VP-3	01/19/07	5	<7.3	**750**	<4.5	<2.2	**13**	**14**	**29**	**42**	**71**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	<0.00015	**1.0**	**21**	--	--	--
	01/19/07*	5	<7.3	--	<4.5	<2.4	**13**	**15**	**30**	**43**	**73**	<2.7	<22	<12	<12	<12	<4.5	<3.0	<5.6	--	--	--	--	--	--	--	--
	02/01/07	5	**12**	**270**	<4.2	<2.2	**3.7**	**5.8**	**12**	**7.8**	**20**	<2.5	<21	<12	<12	<12	<4.2	<2.8	<5.2	--	--	<0.00014	**1.0**	**20**	--	--	--
	02/01/07*	5	--	**280**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/06/07	5	**16**	<230	<6.7	<3.6	<4.2	<4.8	<4.8	<4.8	<9.6	<4.0	<34	<19	<19	<19	<6.7	<4.5	<8.4	--	--	<0.00022	**1.7**	**20**	--	--	--
	08/23/13	5	--	<3800	--	<2.1	**7.0**	**3.5**	**8.1**	**24**	**32.1**	<9.3	<7.8	<11	<11	<11	<5.0	<2.6	**22**	**56**	<34	<0.500	**2.36**	**18.2**	**0.0216**	40.6	0.1
	01/14/14	5	--	<3800	--	**2.0**	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	<9.4	**36**	<26	<0.500	**1.87**	**18.8**	<0.0100	46	0.0
SS-1	08/22/13	--	--	<3800	--	<1.9	<2.3	<2.6	<2.6	<11	<13.6	<8.8	<7.4	<10	<10	<10	<4.7	<2.5	**17**	**2,200**	<32	<0.500	**0.990**	**20.6**	**0.627**	46	1.4
	01/14/14	--	--	<3800	--	**5.4**	**19**	**3.3**	**4.8**	**14**	**18.8**	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**80**	**12**	<26	<0.500	<0.500	**18.0**	**18.3**	51	35.9
	02/20/14	--	--	**14,000**	--	**0.12**	**0.45**	**0.21**	**0.25**	**0.27**	**0.52**	<0.099	<7.8	<11	<11	<11	<4.9	<2.6	<12	**2,100**	**0.16**	<0.500	**1.38**	**19.7**	**0.0832**	40.3	0.2
SS-2	08/22/13	--	--	<3800	--	<2.9	**6.2**	**4.4**	**10**	**19**	**29**	<13	<11	<15	<15	<15	<7.0	<3.7	<17	**88**	<48	<0.500	**0.917**	**20.6**	**0.0380**	44	0.1
	01/14/14	--	--	<3800	--	**50**	**21**	**5.2**	**5.5**	**15**	**20.5**	**18**	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**63**	**57**	<26	<0.500	**0.788**	**20.3**	**0.0740**	49	0.2
	02/20/14	--	--	<3800	--	**0.61**	**2.3**	**0.97**	**1.2**	**3.1**	**4.3**	<0.098	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.9**	**53**	**0.20**	<0.500	**0.876**	**20.4**	**0.0459**	40.1	0.1
	01/14/15	--	--	<3800	--	**0.39**	**0.89**	**0.22**	**0.35**	**0.76**	**1.11**	<0.12	<6.1	<8.4	<8.4	<8.4	<3.8	<0.13	<9.4	--	**0.22**	<0.500	**0.599**	**21.1**	**0.021**	34	0.1
	1/14/2015*	--	--	<3800	--	**0.98**	**3.6**	**0.52**	**0.59**	**2.00**	**2.59**	**0.34**	<6.1	<8.4	<8.4	<8.4	<3.8	<0.12	<9.4	--	**0.18**	<0.500	**0.677**	**21.0**	**0.0415**	34	0.1
SS-3	08/22/13	--	--	<3800	--	<2.0	<2.4	<2.7	<2.7	<11	<13.7	<9.0	<7.6	<10	<10	<10	<4.8	<2.5	<12	**5.0**	<33	<0.500	**1.96**	**19.2**	**0.0402**	42	0.1
	01/14/14	--	--	<3800	--	**14**	**61**	<11	**23**	<43	**23**	<36	<30	**47**	<42	<42	<19	<10	**100**	<17	<130	<0.500	**2.61**	**18.3**	<0.0100	51	0.0
	01/14/14*	--	--	<3800	--	**13**	**15**	<11	<11	<43	<54	<36	<30	<42	<42	<42	<19	<10	**120**	<17	<130	<0.500	**2.75**	**18.1**	<0.0100	49	0.0
	02/20/14	--	--	<3800	--	**0.54**	**0.54**	**0.13**	**0.14**	**0.34**	**0.48**	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**3.7**	**4.7**	**0.18**	<0.500	**2.28**	**19.4**	**0.0102**	40.1	0.0
	02/20/14*	--	--	**5100**	--	<0.085	<0.20	<0.12	<0.12	**0.15**	**0.15**	<0.096	**0.57**	<8.4	<8.4	<8.4	<3.8	<2.0	**4.1**	**5.7**	**0.15**	<0.500	**2.33**	**19.3**	<0.0100	40.1	0.0
	01/14/15	--	--	**4300**	--	**0.42**	**0.49**	**0.15**	**0.16**	**0.40**	**0.56**	<0.090	<6.1	<8.4	<8.4	<8.4	<3.8	<0.10	<9.4	--	**0.096**	<0.500	**2.15**	**19.3**	0.0334	36	0.1
SS-4	08/22/13	--	--	<3800	--	<2.5	<2.9	<3.4	<3.4	<14	<17.4	<11	<9.5	<13	<13	<13	<6.0	<3.2	**170**	<5.3	<41	<0.500	**1.29**	**19.8**	**0.0732**	44	0.2
	08/22/13*	--	--	<3800	--	<2.4	<2.8	<3.2	<3.2	<13	<16.2	<11	<9.0	<12	<12	<12	<5.7	<3.0	**170**	<5.1	<39	<0.500	**1.26**	**19.8**	**0.0728**	44	0.2
	01/21/14	--	--	<3800	--	<1.6	<1.9	<2.2	<2.2	<8.7	<10.9	<7.2	<6.1	<8.4	<8.4	<8.4	<3.8	<2.0	**20**	**4.5**	<26	<0.500	**1.87**	**19.6**	**0.195**	43	0.5

Notes:

<	Analyte not detected above indicated laboratory reporting limit	1,3-DCB	1,3- Dichlorobenzene	TAME	Tertiary amyl methyl ether	ETBE	Ethyl tertiary butyl ether	He	Helium
µg/m³	Microgram per cubic meter	1,4-DCB	1,4- Dichlorobenzene	TPPH	Total purgeable petroleum hydrocarbons	DIPE	Di-Isopropyl ether		
µg/L	Microgram per cubic liter	EDB	Ethylene dibromide	TBA	Tertiary butyl alcohol	MTBE	Methyl tertiary butyl ether		
*	Field Duplicate Sample	1,2- DCA	1,2- Dichloroethane	EPA	Environmental Protection Agency	PCE	Tetrachloroethene		

VOC analyses: 2007 Samples analyzed by TO-14A, 8/2013 and 1/2014 samples analyzed by TO-15, 2/2014 samples analyzed by TO-15 SIM
SS-1 through SS-4 are subslab vapor points.
Shallow gas screening levels taken from SF Bay RWQCB Table E-2
Sub-slab screening levels based on a 0.05 attenuation factor to indoor air.
Indoor Air Screening Level: Environmental Screening Level for Indoor Air Quality established by the San Francisco Regional Water Quality Control Board, Decemeber 2013
Carbon dioxide and methane atmospheric levels taken from http://cdiac.ornl.gov/pns/current_ghg.htm
Oxygen and helium atmospheric levels taken from http://nssdc.gsfc.nasa.gov/planetary/factsheet/earthfact.html
Samples collected from SS-1, SS-2 and SS-3 on 1/14/14 are believed to have been compromised from outside contaminant source, data not used in interpretation.

From 4.28.15 Report (Modified by GPP staff)

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

November 4, 2019

SMCo Site #110069 / RO534
APN: 034-186-110

Kohar Kojayan
Director of Community Development
City of San Mateo
330 West 20th Avenue
San Mateo, CA 94403

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Ms. Kojayan:

The attached case closure letter was prepared by San Mateo County Groundwater Protection Program (GPP) staff with tacit approval from Regional Water Quality Control Board staff. Although case closure was granted, petroleum-affected soil and groundwater remain east and southeast of the underground fuel tank storage cavity and beneath S, Delaware Street. This petroleum does not appear to pose a significant risk to public health or the environment under existing land use. However, a change in land use or the removal of soil and groundwater near these areas may create a risk and generate materials requiring special handling and disposal. Therefore, in accordance with Government Code Section 65850.2, please notify GPP staff of any future changes in land use or planned removal of soil or groundwater from this area so we can evaluate whether additional actions are necessary to protect public health and the environment. Our time to evaluate the potential impact of the proposed action(s) on public health and environment may be billed to the entity responsible for the proposed work.

Thank you for your cooperation. Please contact me at (650) 372-6292 or at dmilano@smcgov.org if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

Attachment: Case closure letter and site plan

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
Rick Yost, Platinum Energy (via ryost@platinum-energy.net)
Ed Ralston, Phillips 66 (via ed.c.ralston@p66.com)
David Sisak, Antea Group (via david.sisak@anteagroup.com)

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

November 4, 2019

SMCo Site #110069 / RO534
APN: 034-186-110

Timothy Bishop
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
(via timbishop@chevron.com)

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Bishop:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please note, claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to subdivision (k) of Section 25299.57 of the Health and Safety Code (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code and Assembly Bill 358. Please contact Deno Milano of our office if you have any questions. He can

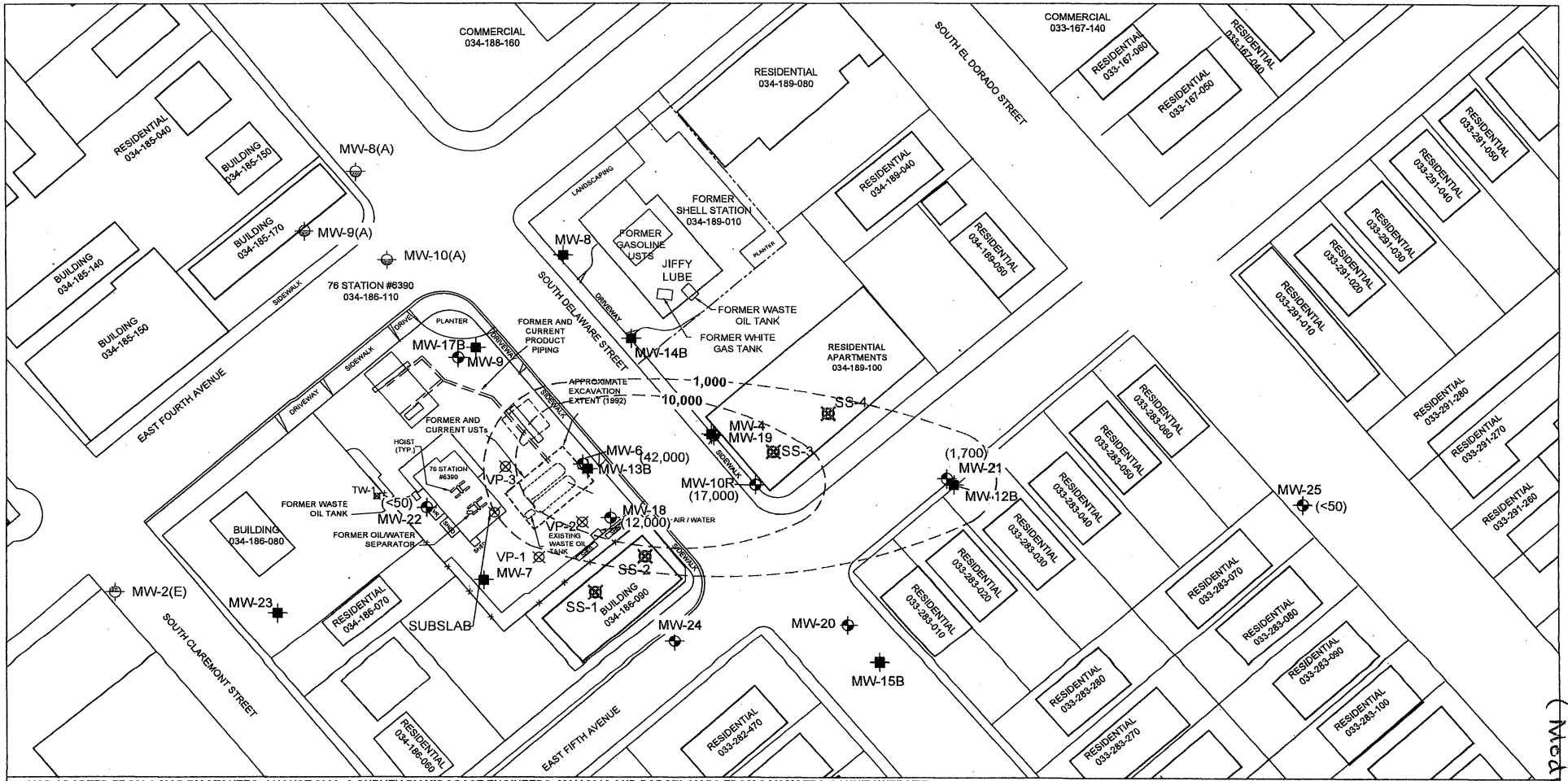
be reached at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays).

Sincerely,

Heather Forshey

Heather Forshey, MS, REHS
Director, Environmental Health Services

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
Rick Yost, Platinum Energy (via ryost@platinum-energy.net)
Ed Ralston, Phillips 66 (via ed.c.ralston@p66.com)
David Sisak, Antea Group (via david.sisak@anteagroup.com)



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10,000 DISSOLVED PHASE GRO ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (42,000) DISSOLVED PHASE GRO CONCENTRATION (ug/L)
- <50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER
- GRO GASOLINE RANGE ORGANICS

NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT

N

0 60'

SCALE

FIGURE 4 5
DISSOLVED PHASE GRO ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	-

1" = 96 FT

FROM 11-15-17 REPORT (modified by GRP 2-14-18)

FIGURE 5

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

November 4, 2019

SMCo Site #110069 / RO534
APN: 034-186-110

Timothy Bishop
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
(via timbishop@chevron.com)

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Bishop:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please note, claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to subdivision (k) of Section 25299.57 of the Health and Safety Code (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code and Assembly Bill 358. Please contact Deno Milano of our office if you have any questions. He can

be reached at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays).

Sincerely,

Heather Forshey

Heather Forshey, MS, REHS
Director, Environmental Health Services

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
Rick Yost, Platinum Energy (via ryost@platinum-energy.net)
Ed Ralston, Phillips 66 (via ed.c.ralston@p66.com)
David Sisak, Antea Group (via david.sisak@anteagroup.com)

Response requested by MAY 03 2018

SAN MATEO COUNTY CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANKS PROGRAM

Agency Information

Agency Name: San Mateo County	Address: 2000 Alameda de las Pulgas, Suite 100
City/State/Zip: San Mateo, CA 94403	Phone: (650) 372-6292
Staff Person: Deno Milano	Title: Hazardous Materials Specialist III

Case Information:

Facility Name: Unocal Station #6390		
Facility Address: 402 S. Delaware Street, San Mateo, CA 94401		
RB LUSTIS Case No: 41-0665	Local Case No.: 110069	APN: 034-186-110
URF Filing Date: 9/10/1992	GeoTracker No.: T0608100632	
Responsible Party(s): Unocal Corporation c/o Brett Hunter	Address: 6001 Bollinger Canyon Road, Ste C2112 San Ramon, CA 94583	Phone: (925) 842-1919

Tank Information

Tank No.	Size (gallons)	Contents	Closed in-Place/ Removed/Active	Date
1	550	Waste Oil	Removed	August 1992
2	12,000	Gasoline	Removed	August 1992
3	12,000	Gasoline	Removed	August 1992

Additional Information:

Hydrocarbon-affected soil and groundwater remain east and southeast of the fuel UST cavity and beneath South Delaware Street. Therefore, GPP staff will request the City of San Mateo to notify the San Mateo County Environmental Health Division if a change in land use or removal of soil or groundwater is planned in these areas.

RWQCB Notification Date Form Sent: APR 03 2018

RWQCB Staff Name: Kelly Archer	Title: Water Resource Control Engineer

Local Agency Representative

Name: Heather Forshey, MS, REHS	Title: Director, Environmental Health
Signature: Heather Forshey	Date: 4/2/18

UNOCAL STATION #6390 (T0608100632) - MAP THIS SITE

PUBLIC PAGE

402 SOUTH DELAWARE STREET
SAN MATEO , CA 94403
SAN MATEO COUNTY
LUST CLEANUP SITE (INFO)
STATUS: OPEN - ELIGIBLE FOR CLOSURE

CLEANUP OVERSIGHT AGENCIES
SAN MATEO COUNTY LOP *(LEAD)* - *CASE #: 110069* - *DENO MILANO*
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 41-0665* - *Regional Water Board*

THIS PROJECT WAS LAST MODIFIED BY ***DENO MILANO*** ON 3/28/2018 7:37:08 AM - HISTORY

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 3/27/2018

CHECKLIST INITIATED ON 1/24/2013

CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* * CLEAR SECTION ANSWERS — **YES**

a. Is the unauthorized release located within the service area of a public water system? — ◉ YES ○ NO

Name of Water System : California Water Service Company

b. The unauthorized release consists only of petroleum (info). — ◉ YES ○ NO

c. The unauthorized ("primary") release from the UST system has been stopped. — ◉ YES ○ NO

d. Free product has been removed to the maximum extent practicable (info). — ○ FP Not Encountered ◉ YES ○ NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). — ◉ YES ○ NO

f. Secondary source has been removed to the extent practicable (info). — ◉ YES ○ NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. — ○ Not Required ◉ YES ○ NO

h. Does a nuisance exist, as defined by Water Code section 13050. — ○ YES ◉ NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - CLEAR SECTION ANSWERS — **YES**

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — ○ YES ◉ NO

Does the site meet any of the Groundwater specific criteria scenarios? — ◉ YES ○ NO

1.5 - The regulatory agency determines, based on an analysis of site specific conditions, that the site under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame. — ◉ YES ○ NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - CLEAR SECTION ANSWERS — **YES**

EXEMPTION - Active Commercial Petroleum Fueling Facility — ◉ YES ○ NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - CLEAR SECTION ANSWERS — **YES**

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination — ○ YES ◉ NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios? — ◉ YES ○ NO

3(a) - Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in the following table (LINK) for the specified depth below ground surface. — ◉ YES ○ NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria. — ○ YES ◉ NO

Has this LTCP Checklist been updated for FY 17/18? — ◉ YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

UNOCAL STATION #6390 (T0608100632) - MAP THIS SITE

PUBLIC PAGE

402 SOUTH DELAWARE STREET
SAN MATEO , CA 94403
SAN MATEO COUNTY
LUST CLEANUP SITE (INFO)
STATUS: OPEN - ELIGIBLE FOR CLOSURE

CLEANUP OVERSIGHT AGENCIES
SAN MATEO COUNTY LOP *(LEAD)* - *CASE #: 110069* - *DENO MILANO*
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 41-0665* - *Regional Water Board*

Activities Report | Documents / Data | Environmental Conditions | Admin | Funding | Case Reviews

THIS PROJECT WAS LAST MODIFIED BY ***DENO MILANO*** ON 3/28/2018 7:37:08 AM - HISTORY

CSM REPORT - VIEW PUBLIC NOTICING VERSION OF THIS REPORT

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	FIVE YEAR REVIEW INFORMATION				
							REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE
13528	D	UNION OIL COMPANY OF CALIFORNIA 6001 BOLLINGER CANYON ROAD, ROOM C2096, SAN RAMON CA 94583-2324	402 SOUTH DELAWARE STREET SAN MATEO, CA 94401								

PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - MAP THIS SITE

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
UNOCAL STATION #6390 (Global ID: T0608100632) 402 SOUTH DELAWARE STREET SAN MATEO, CA 94403	Open - Eligible for Closure	1/12/2018	9/10/1992	26	SAN MATEO COUNTY LOP *(LEAD)* - *CASE #: 110069* ***CASEWORKER:*** *DENO MILANO* - ***SUPERVISOR:*** *GREG SMITH* SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 41-0665* ***CASEWORKER:*** *Regional Water Board* - ***SUPERVISOR:*** *NONE SPECIFIED*

STAFF NOTES (INTERNAL)
<NO STAFF NOTES ENTERED>

SITE HISTORY
Refer to Appendix A in the report dated January 12, 2018 (GeoReport file #5677963495). San Mateo County does not take responsibility for the accuracy of statements and professional interpretations made in the referenced report.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
BILL PATZELT	Antea Group	11050 WHITE ROCK ROAD, SUITE 110	RANCHO CORDOVA	bill.patzelt@anteagroup.com
BRETT HUNTER	Chevron Environmental Mgmt. Company	6001 Bollinger Canyon Road, Suite C2112	San Ramon	bhunter@chevron.com

CLEANUP ACTION INFO

ACTION TYPE	BEGIN DATE	END DATE	PHASE	CONTAMINANT MASS REMOVED	DESCRIPTION
PUMP & TREAT (P&T) GROUNDWATER	8/21/1992	8/25/1992	Water		Pumped approximately 5,800 gallons of groundwater from the remedial excavation of the fuel UST cavity
EXCAVATION	8/5/1992	12/15/1992	Soil		Excavated approximately 900 cubic yards of soil from the fuel UST cavity, product line trenches, and dispensers. The northeastern half of the fuel UST cavity was excavated to approximately 22 feet below grade.

RISK INFORMATION | VIEW LTCP CHECKLIST | VIEW PATH TO CLOSURE PLAN | VIEW CASE REVIEWS

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Gasoline	Commercial		Tank	9/10/1992	Close and Replace Tank	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO	California Water Service Company	1/12/2018	1/12/2018	11/17/2017		8/3/2017

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
034186110	Santa Clara Valley - San Mateo Plain (2-9.03)	South Bay - San Mateo Bayside (204.40)

COUNTY	PUBLIC WATER SYSTEM(S)
San Mateo	• **CALIFORNIA WATER SERVICE - SAN MATEO** - 345 NORTH DELAWARE, SAN MATEO, CA 94402

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
FD1	2/14/2013	55000 UG/L	38 UG/L	ND	2400 UG/L	9700 UG/L	ND	ND
MW-1	8/2/2006	69 UG/L	ND	ND	ND	ND	ND	
MW-10R	8/4/2017	OTHER	17 UG/L	ND	1100 UG/L	2300 UG/L	ND	ND
MW-11	2/14/2013	ND	ND	ND	ND	ND	ND	ND
MW-12B	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-13B	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-14B	1/11/2017	OTHER	ND	ND	ND	ND	ND	11 UG/L
MW-15B	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-17B	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-18	8/4/2017	OTHER	110 UG/L	600 UG/L	330 UG/L	2100 UG/L	99 UG/L	300 UG/L
MW-19	1/11/2017	OTHER	30 UG/L	5.6 UG/L	630 UG/L	350 UG/L	ND	ND
MW-2	8/2/2006	5800 UG/L	380 UG/L	12 UG/L	840 UG/L	370 UG/L	130 UG/L	
MW-20	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-21	8/4/2017	OTHER	0.79 UG/L	ND	15 UG/L	4.9 UG/L	ND	ND
MW-22	8/4/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-23	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-24	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-25	8/4/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-3	8/2/2006	2100 UG/L	230 UG/L	11 UG/L	44 UG/L	240 UG/L	85 UG/L	
MW-4	1/11/2017	OTHER	7.6 UG/L	2.2 UG/L	77 UG/L	140 UG/L	1.1 UG/L	ND
MW-5	8/2/2006	370 UG/L	ND	ND	ND	ND	9.4 UG/L	
MW-6	8/4/2017	OTHER	620 UG/L	970 UG/L	2200 UG/L	7200 UG/L	ND	ND
MW-7	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-8	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
MW-9	1/11/2017	OTHER	ND	ND	ND	ND	ND	ND
QA	8/21/2003		ND	ND	ND	ND	ND	
QCT B	3/10/2005	OTHER	ND	ND	ND	ND	ND	
QCTB	7/29/2009	ND	ND	ND	ND	ND	ND	
SB-1	5/18/2011	OTHER	ND	ND	ND	ND	ND	ND
SB-11	3/15/2013	150 UG/L	ND	ND	ND	ND	ND	ND
SB-3	5/18/2011	OTHER	ND	ND	ND	ND	ND	ND
SB-4	5/18/2011	OTHER	0.54 UG/L	ND	ND	ND	ND	ND
SB-6	6/7/2011	OTHER	40.5 UG/L	1230 UG/L	1420 UG/L	7430 UG/L	1.5 UG/L	ND
SB-7	5/18/2011	OTHER	2790 UG/L	15600 UG/L	4080 UG/L	21000 UG/L	1160 UG/L	2950 UG/L
SB-8	5/17/2012	330 UG/L	ND	ND	ND	OTHER	ND	ND
SB-9	4/12/2012	90000 UG/L	1100 UG/L	6500 UG/L	4400 UG/L	OTHER	100 UG/L	ND
SP-5	12/15/2006	21000 UG/L	1300 UG/L	1500 UG/L	1400 UG/L	4000 UG/L	330 UG/L	ND
SP-6	12/15/2006	38000 UG/L	ND	ND	570 UG/L	660 UG/L	ND	ND
SP-7	12/15/2006	200 UG/L	ND	ND	ND	ND	ND	ND
SP-8	12/15/2006	51000 UG/L	110 UG/L	100 UG/L	3000 UG/L	9600 UG/L	ND	ND
TB-1	5/22/2014	ND	ND	ND	ND	ND	ND	ND
TB-LB	2/13/2002	OTHER	ND	ND	ND	ND	ND	
TB1	1/11/2017	OTHER	ND	ND	ND	ND	ND	
TW-1	4/11/2012	53 UG/L	ND	ND	ND	OTHER	ND	ND

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE

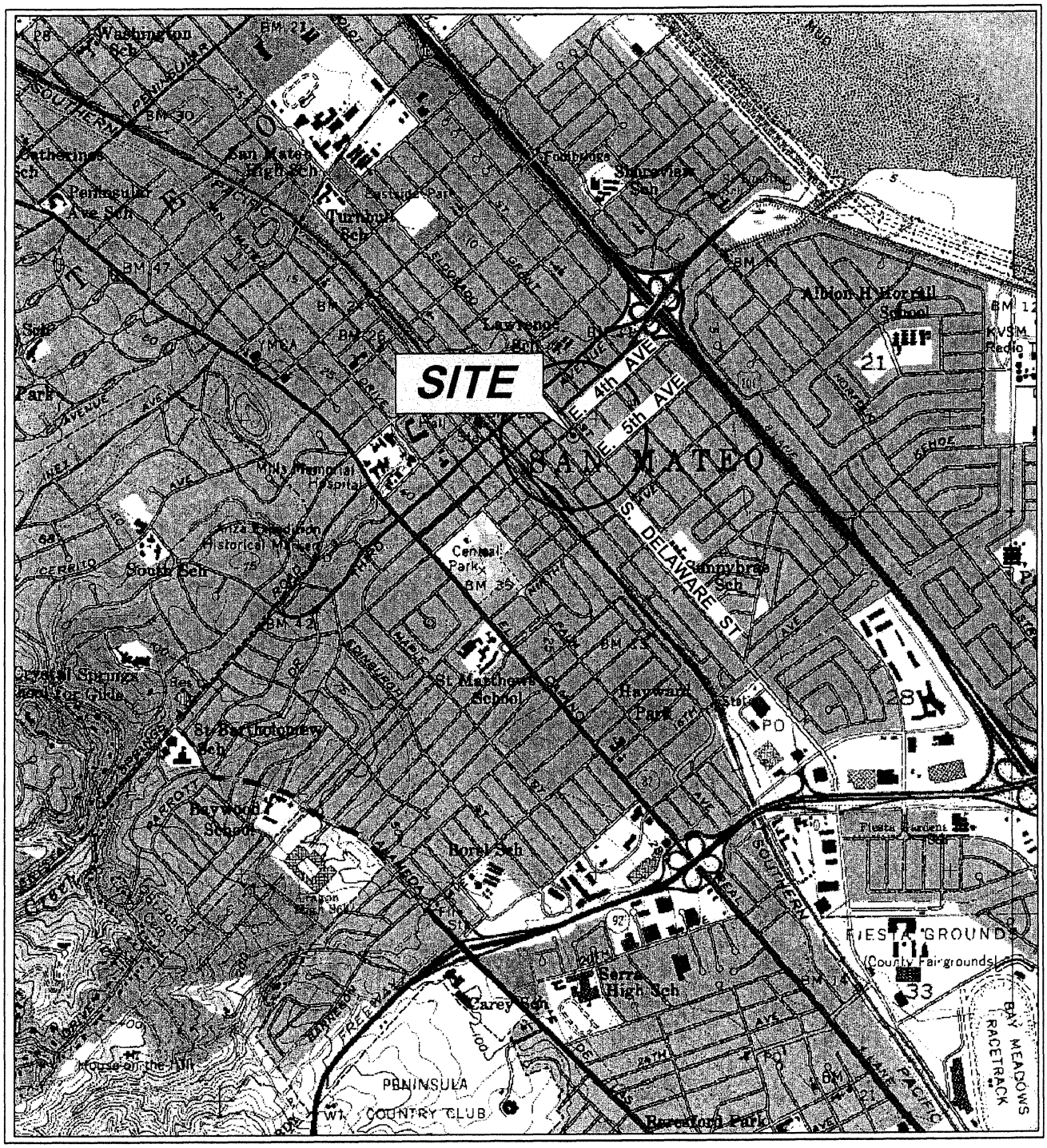
VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
COMP ABCD	5/19/2011		ND	ND	ND	ND	ND	ND
MW-10	8/8/2008	ND	ND	ND	ND	ND	ND	ND
MW-10R	4/12/2012	ND	ND	ND	ND		ND	ND
MW-11	8/8/2008	ND	ND	ND	ND	ND	ND	ND
MW-12B	8/8/2008	76 MG/KG	0.0099 MG/KG	0.011 MG/KG	1.5 MG/KG	3.1 MG/KG	0.0034 MG/KG	ND
MW-13B	8/11/2008	12 MG/KG	0.04 MG/KG	0.78 MG/KG	0.38 MG/KG	1.9 MG/KG	0.03 MG/KG	0.088 MG/KG
MW-14B	8/7/2008	0.14 MG/KG	ND	ND	ND	ND	ND	ND
MW-15B	8/7/2008	ND	ND	ND	ND	ND	ND	ND
MW-17B	5/19/2011		ND	ND	ND	ND	ND	ND
MW-18	5/16/2012	2200 MG/KG	2.1 MG/KG	110 MG/KG	52 MG/KG		ND	ND
MW-19	4/11/2012	180 MG/KG	ND	ND	1.4 MG/KG		ND	ND

MW-22	6/26/2013	ND	ND	ND	ND	ND	ND	ND
MW-6	1/3/2007	1300 MG/KG	0.18 MG/KG	32 MG/KG	20 MG/KG	110 MG/KG	0.089 MG/KG	ND
MW-7	1/2/2007	ND	ND	ND	ND	ND	ND	ND
MW-8	1/4/2007	ND	ND	ND	ND	ND	ND	ND
MW-9	1/3/2007	ND	ND	ND	ND	ND	ND	ND
SB-1	5/18/2011		ND	ND	ND	ND	ND	ND
SB-10	6/21/2013	ND	ND	ND	ND	ND	ND	ND
SB-3	5/18/2011		ND	ND	ND	ND	ND	ND
SB-4	5/18/2011		ND	ND	ND	ND	ND	ND
SB-5	5/19/2011		ND	ND	ND	ND	ND	ND
SB-6	6/7/2011		0.087 MG/KG	2.4 MG/KG	1.6 MG/KG	9.1 MG/KG	0.0099 MG/KG	ND
SB-7	5/18/2011		0.8 MG/KG	87.2 MG/KG	127 MG/KG	721 MG/KG	ND	ND
SB-8	5/16/2012	ND	ND	ND	ND		ND	ND
SP-5	12/15/2006	7 MG/KG	0.017 MG/KG	0.34 MG/KG	0.091 MG/KG	0.57 MG/KG	ND	ND
SP-6	12/15/2006	68 MG/KG	ND	ND	1.6 MG/KG	3.3 MG/KG	ND	ND
SP-7	12/15/2006	ND	ND	ND	ND	ND	ND	ND
SP-8	12/15/2006	49 MG/KG	ND	ND	2.1 MG/KG	7.4 MG/KG	ND	ND

MOST RECENT GEO_WELL DATA - HIDE **VIEW ESI SUBMITTALS**

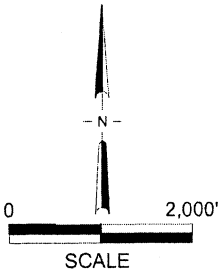
FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-1	7/3/2008			
MW-10	2/2/2012	0	N	
MW-10R	8/4/2017	16.74	N	
MW-11	2/14/2013	14.08	N	
MW-12B	8/4/2017	16.61	N	
MW-13B	8/4/2017	16.45	N	
MW-14B	8/4/2017	15.75	N	
MW-15B	8/4/2017	16.88	N	
MW-17B	8/4/2017	15.8	N	
MW-18	8/4/2017	16.96	N	
MW-19	8/4/2017	16.53	N	
MW-2	7/3/2008			
MW-20	8/4/2017	16.76	N	
MW-21	8/4/2017	16.32	N	
MW-22	8/4/2017	17.78	N	
MW-23	8/4/2017	19.05	N	
MW-24	8/4/2017	17.02	N	
MW-25	8/4/2017	16.85	N	
MW-3	7/3/2008			
MW-4	8/4/2017	16.38	N	
MW-5	7/3/2008			
MW-6	8/4/2017	16.37	N	
MW-7	8/4/2017	18.83	N	
MW-8	8/4/2017	15.6	N	
MW-9	8/4/2017			
SB-11	3/15/2013	31	N	
SB-8	5/30/2012	14.5	N	
SB-9	5/30/2012	15.8	N	
TW-1	5/30/2012	15.46	N	



GENERAL NOTES:
BASE MAP FROM 3-D TOPO QUADS
SAN MATEO, CA. QUADRANGLE
7.5 MINUTE TOPOGRAPHIC MAP



SITE LOCATION

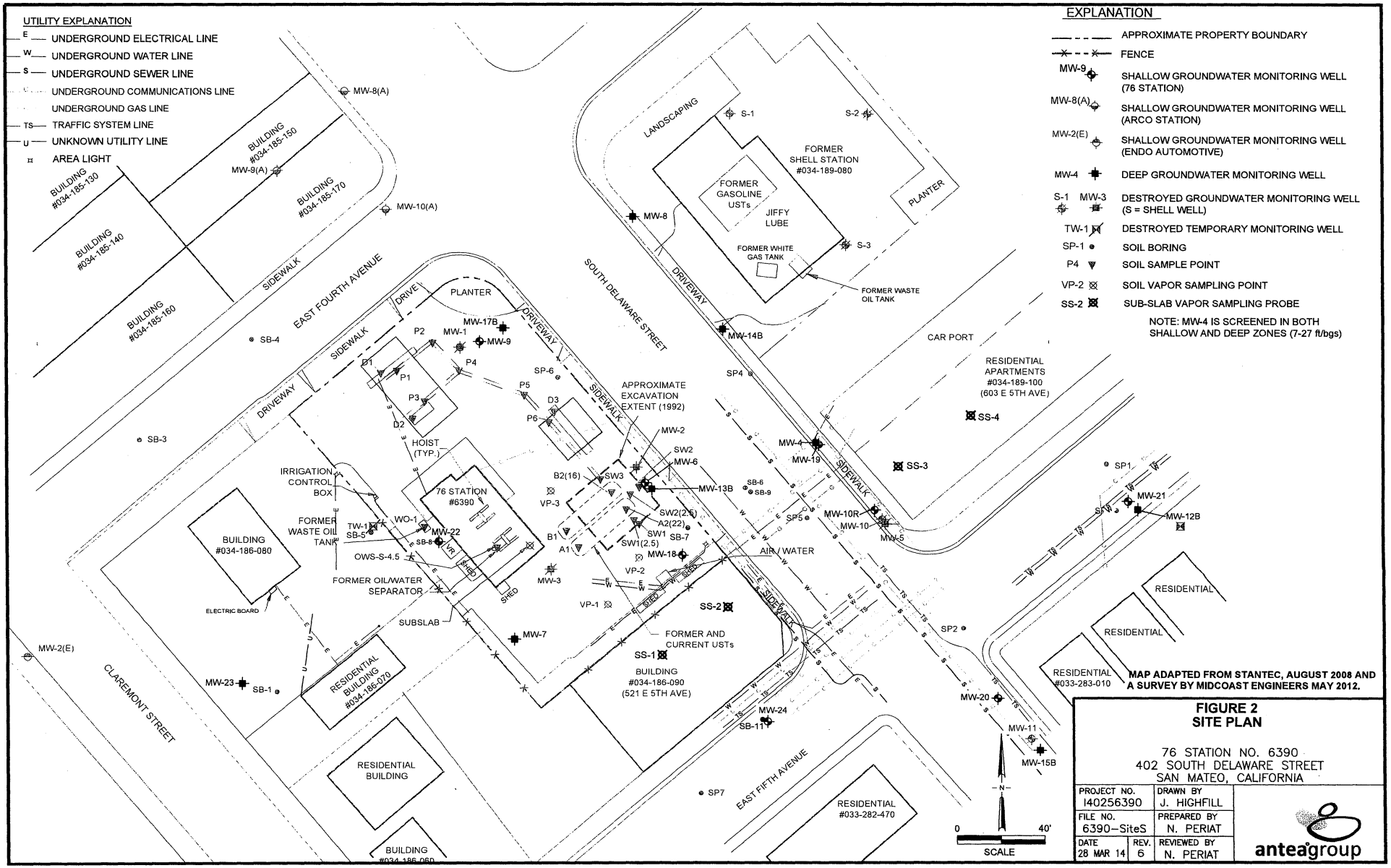


SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLM		PREPARED BY L. DOOLEY	
DATE 22 APR 11	REV. 1	REVIEWED BY	anteagroup



MAP ADAPTED FROM STANTEC, AUGUST 2008 AND A SURVEY BY MIDCOAST ENGINEERS MAY 2012.

FIGURE 2
SITE PLAN

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	DRAWN BY
140256390	J. HIGHFILL
FILE NO.	PREPARED BY
6390-SiteS	N. PERIAT
DATE: 28 MAR 14 / REV. 6	REVIEWED BY: N. PERIAT

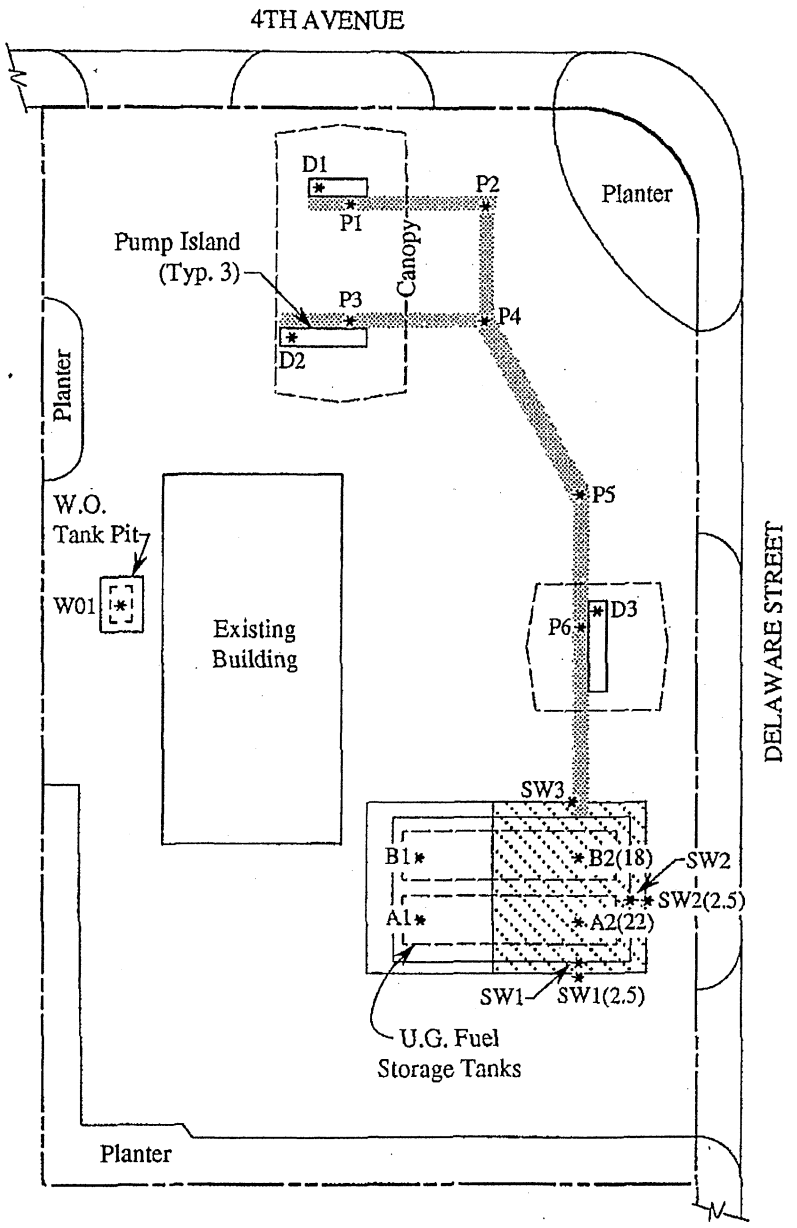
antea group

1" ~ 64 FEET

FIGURE 2

From 5-29-14 REPORT

From 11-24-92 Report
(Modified by GRP staff)



LEGEND

* Sample point location

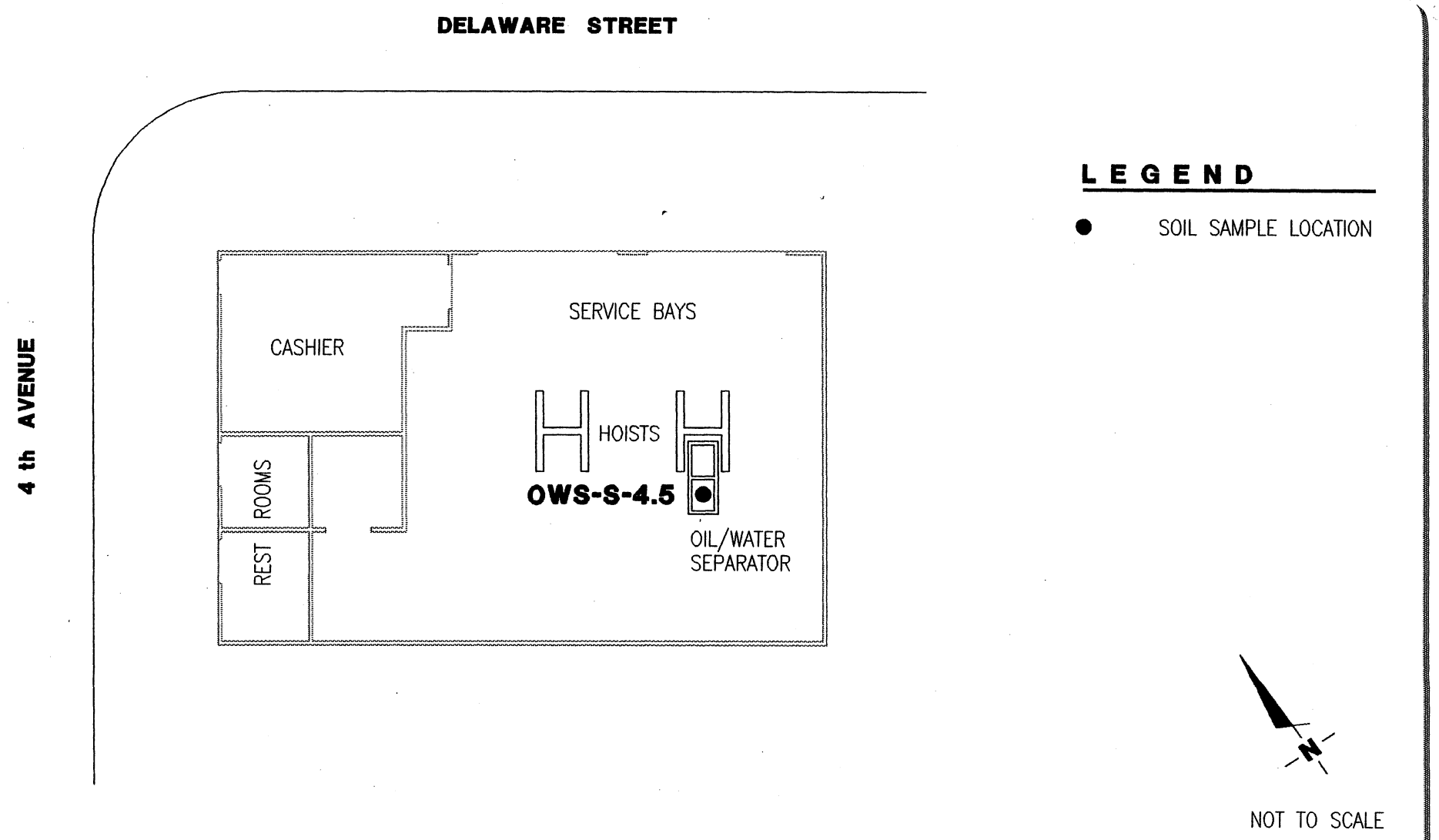
Area excavated to a depth of ≈ 22 feet

0 30 60

Approx. scale feet

KAPREALIAN ENGINEERING INCORPORATED	UNOCAL SERVICE STATION #6390 402 SOUTH DELAWARE STREET SAN MATEO, CA	SITE PLAN

FIGURE 3



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J
Dublin, CA 94568
(510) 551-7555

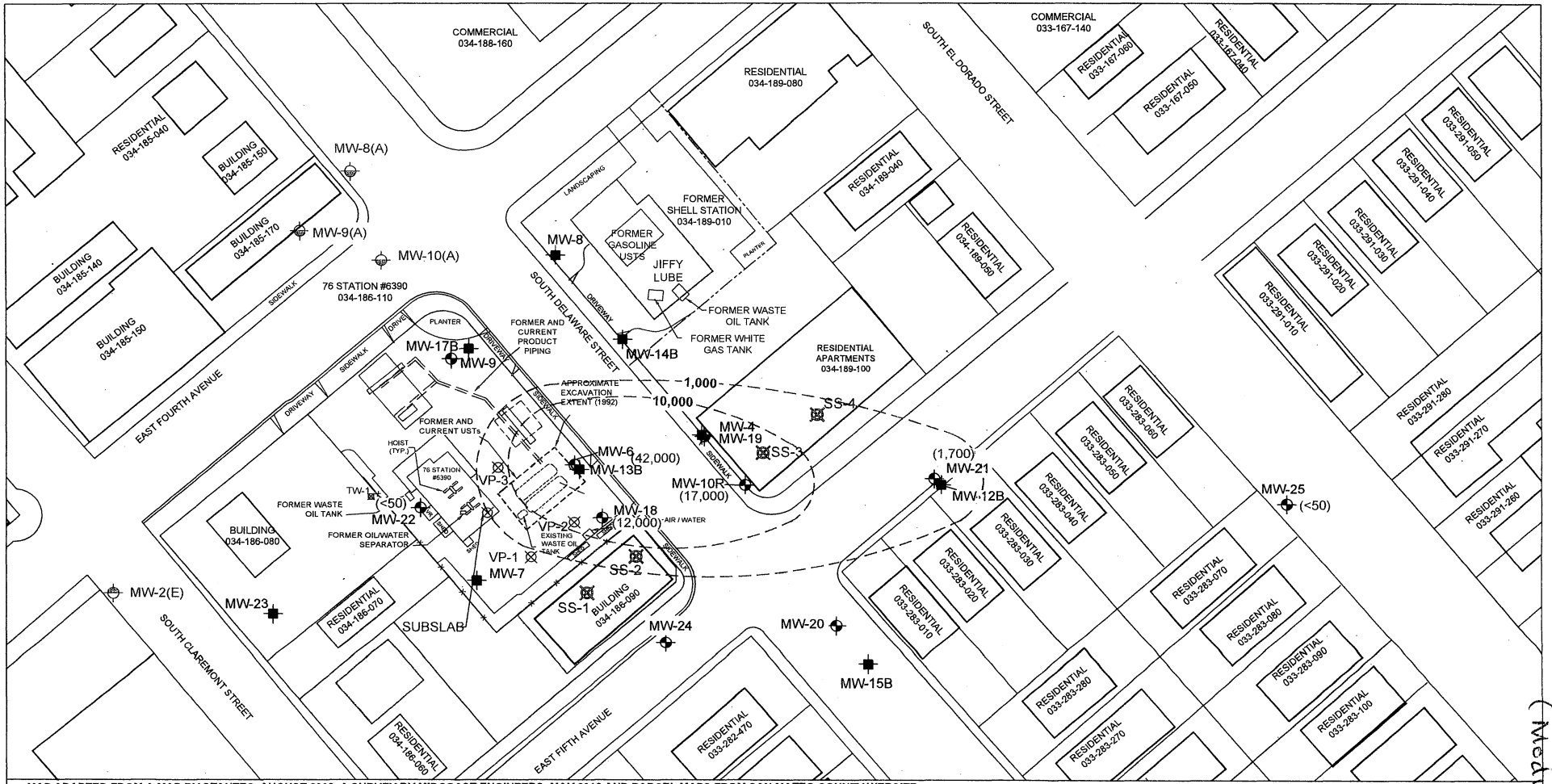
OIL/WATER SEPARATOR SAMPLING PLAN
UNOCAL Service Station #6390
402 South Delaware Street
San Mateo, California

FIGURE 1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
2000.01		March, 1996	

From 3/1/96 Report

FIGURE 4



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10,000 -- DISSOLVED PHASE GRO ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (42,000) DISSOLVED PHASE GRO CONCENTRATION (ug/L)
- NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT
- <50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER
- GRO GASOLINE RANGE ORGANICS

N

0 60'

SCALE

1" = 96 Ft

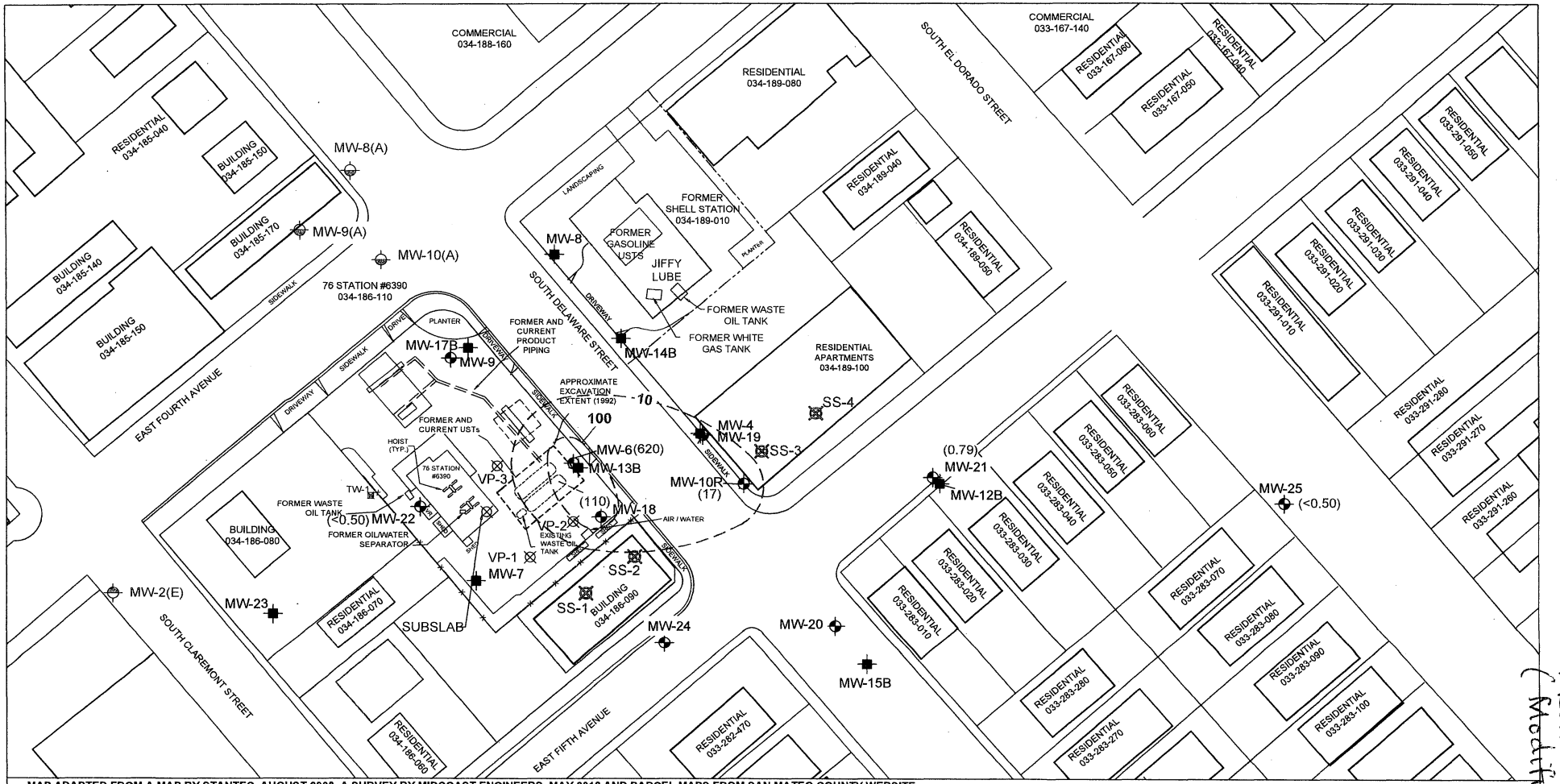
FIGURE 4 5
DISSOLVED PHASE GRO ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	-

From 11-15-17 REPORT (Modified by GPP Staff)

FIGURE 5



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATIONS
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- 10 — DISSOLVED PHASE BENZENE ISOCONTOUR (ug/L); DASHED WHERE INFERRED
- (620) DISSOLVED PHASE BENZENE ISOCONCENTRATION (ug/L)
- <0.50 NOT DETECTED ABOVE INDICATED REPORTING LIMIT
- µg/L MICROGRAMS PER LITER

NOTE: DEEP SCREENED WELLS NOT SAMPLED THIS QUARTERLY EVENT

N

0 60'

SCALE

FIGURE ~~5~~ 6
DISSOLVED PHASE BENZENE ISOCONCENTRATION MAP
SHALLOW SCREENED WELLS - AUGUST 4, 2017

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	JS	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
10/5/16	9/26/17	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	3Q17 SAMR	6390-ExtS100	-

1" = 96 FT

From 11-15-17 REPORT (Modified by GPR staff)

FIGURE 6

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

November 4, 2019

SMCo Site #110069 / RO534
APN: 034-186-110

Timothy Bishop
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
(via timbishop@chevron.com)

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Bishop:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a well destruction report dated July 30, 2019. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of the report and the project file.

The report recommends not re-destroying MW-4 by over-drilling even though the well only received approximately 58% of the required grout volume. GPP staff previously approved this recommendation on June 10, 2019, because the field crew confirmed the presence of a sewer lateral immediately adjacent to this well. Therefore, no additional approval is required.

The registered professional proposes that sub-slab vapor probes SS-1 and SS-2 be considered destroyed. Insufficient information was provided to demonstrate these probes were likely destroyed. However, the operations at the subject site do not appear responsible for the tetrachloroethene reported in the sub-slab vapor samples from SS-1 and SS-2. Therefore, GPP staff will not require removal of these probes as a condition of closure for the leaking underground fuel tank (LUFT) case.

The right two columns in Table 2 ("Grout Used in Well" and "Water Used in Well") and the same titled columns in Table 3 are not necessary and may confuse the reader (e.g. Table 2 indicates the gallons of grout used in the well generally equaled the amount of cement bags used for the well). Please consider not including these two columns of information in future well destruction reports. The important variables are the size and number of cement bags used to grout each well, gallons of water used to mix the cement, and the resulting total gallons of the cement/water mixture (grout) added to each well.

Table 3 indicates over-drilled well MW-9 only received approximately 75% of the estimated volume of grout required. However, it appears an additional one or two sacks of dry cement not included in the reported volume were used to grout this well due to potential heaving sand conditions. No explanation was provided as to methods used to ensure proper grouting of this well was achieved. Please note, the volume of grout used in an over-drilled well should closely approximate the estimated

volume required because borehole depth and diameter are known. The 30% variance listed in our June 2019 email only applies to pressure grouting and only because filter packs contain varying amounts of silt. In the future, please fully describe and justify any alterations to standard grouting procedures to avoid the need to over-drill potentially improperly grouted borings or wells.

Closing Comments

Table 2 did not identify whether the cement bags used weighed 47- or 94-pounds and the driller project field bills in Appendix E did not identify the field point name of the well destroyed. GPP staff were able to determine this information using other lines of evidence. However, please ensure this information is provided in future well destruction reports.

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
Rick Yost, Platinum Energy (via ryost@platinum-energy.net)
Ed Ralston, Phillips 66 (via ed.c.ralston@p66.com)
David Sisak, Antea Group (via david.sisak@anteagroup.com)



Well Destruction Report

76 Service Station No. 6390
402 South Delaware Street, San Mateo, CA

Antea®Group

Understanding today.
Improving tomorrow.

PREPARED FOR
Deno Milano
San Mateo County Health System –
Groundwater Protection Program
2000 Alameda De Las Pulgas, Suite 100
San Mateo, CA 94404

San Mateo County LOP Case No. 110069
T0608100632

July 30, 2019
Project # I40256390

us.anteagroup.com

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Appendix C Drilling Permits
Appendix D Encroachment Permits
Appendix E Driller's Field Sheets
Appendix F Pressure Grouting Calculations
Appendix G Other Correspondence
Appendix H Pacific Coast Locators, Inc. Utility Locate Report
Appendix I City of San Mateo Buildings Division Records Request
Appendix J Waste Profiling Laboratory Analytical and Disposal Manifests

1.0 Introduction

Antea®Group has prepared this *Well Destruction Report* for 76 Service Station No. 6390 at 402 South Delaware Street, San Mateo, California (**Figure 1**). This report documents the proper destruction of the groundwater monitoring wells and soil vapor monitoring points associated with the site. The San Mateo County Health – Environmental Health Services Division Groundwater Protection Program (GPP) approved this work in letters dated March 5, 2019 and May 13, 2019 (**Appendix A**). Well destruction field activities were completed between June 10, 2019, and June 20, 2019.

2.0 Well Destruction Activities

Between June 10, 2019, and June 20, 2019, Antea Group oversaw subcontractor Gregg Drilling & Testing, Inc. (Gregg), C-57 License #1044456, perform the following field activities:

- Destroy monitoring wells MW-6, MW-7, MW-8, MW-9, MW-10R, MW-14B, MW-17B, MW-18, MW-19, MW-22, MW-23, MW-24, and MW-25 by over-drilling.
- Destroy monitoring wells MW-4, MW-12B, MW-13B, MW-15B, MW-20, and MW-21 by pressure-grouting.
- Destroy vapor monitoring points VP-1, VP-2, and VP-3 by air-knifing.
- Destroy sub-slab vapor monitoring points SS-3, SS-4, and SUBSLAB by probe removal.

The well and vapor monitoring point locations are shown on **Figure 2**. Construction details for the groundwater monitoring wells and vapor points are presented in **Table 1**. A photo log is included as **Appendix B**.

2.1 PRE-FIELD ACTIVITIES AND BOREHOLE CLEARANCE

Prior to the initiation of field activities, Antea Group prepared a site-specific Health and Safety Plan (HASP) and Job Safety Analyses (JSAs) for implementation during field activities. Prior to conducting intrusive work, private subsurface utility locator Pacific Coast Locators, Inc. (Pacific Coast) identified and marked underground utilities near the drilling locations. An Underground Service Alert (USA) ticket was obtained at least 48-hours before the start of drilling. Antea Group also obtained subsurface drilling permits from the GPP and encroachment permits from the City of San Mateo Public Works Department, which are included as **Appendix C** and **Appendix D**, respectively. Antea Group obtained site access agreements, as needed. Antea Group notified the appropriate parties following respective notification requirements.

2.2 MONITORING WELL DESTRUCTION BY OVERDRILLING

Between June 10, 2019, and June 20, 2019, Antea Group oversaw Gregg destroy wells MW-6, MW-7, MW-8, MW-9, MW-10R, MW-14B, MW-17B, MW-18, MW-19, MW-22, MW-23, MW-24, and MW-25 by over-drilling. Before drilling began, total depth of each well was measured to ensure the casing was void of obstructions. The depth-to-water was also measured to determine the water column height in each well. The monitoring wells were over-drilled to the total depth of each original borehole with 8-inch diameter hollow-stem augers centered by a guide rod inserted into the polyvinyl chloride (PVC) well casings (**Table 1**). The well casing and annular materials were removed from each location. With the approval of the GPP inspector Kian Atkinson, each borehole was backfilled with neat cement grout mixed at a ratio of 6 gallons of water to 94 pounds of Portland

cement to approximately 1-foot below ground surface (bgs) using a tremie pipe. Gregg's field sheets with the number of Portland cement bags used per day are included as **Appendix E**. A log of the number of bags of Portland cement used for each well compared to the number of bags the contractor charged is presented in **Table 2**. A comparison of the calculated volume of grout required to destroy each well versus the actual volume used for each well is presented in **Table 3**. Each well was completed at the surface with either asphalt or concrete dyed to match existing surface conditions as needed.

2.3 MONITORING WELL DESTRUCTION BY PRESSURE GROUTING

Pressure grouting monitoring wells MW-12B and MW-13B was approved in a letter from the GPP dated May 13, 2019.

During the utility mark-outs at monitoring wells MW-20 and MW-15B, an active CalTrans fiber optic signal line was identified less than one foot from MW-20 and approximately one foot from MW-15B. The line was originally marked by Pacific Coast as electrical, then later identified as a fiber optic signal line by CalTrans. During the utility mark-out at monitoring well MW-21, a street light electric line was located less than one foot from the well. During air-knife clearing around MW-4, a clay pipe was located adjacent to the monitoring well PVC casing within the well box and a subsequent utility locate determined it to be a sewer lateral for the apartment building at 605 E 5th Ave. Photos of the nearby utility markings are included in **Appendix B**. These locations were inspected by Deno Milano onsite on June 10, 2019, and it was determined that MW-20, MW-15B, MW-4, and MW-21 satisfied pressure grouting requirements if there were no obstructions in the casings and the total depth of each well was within 2 feet of the total depth shown on the well construction details. The inspection report completed by Deno Milano on June 10, 2019 also approved not overdrilling wells MW-12B and MW-13B in the case of improper grouting due to the presence of conductor casings, not overdrilling MW-4 in the case of improper grouting due to the presence of the sewer line, and not overdrilling MW-20 in the case of improper grouting due the presence of the fiber optic line.

After these permissions were granted, Antea Group oversaw the pressure grouting of MW-4, MW-12B, MW-13B, MW-15B, MW-20, and MW-21 between June 11, 2019 and June 17, 2019. Before pressure grouting activities began, Gregg measured total depth and depth-to-water for each well and checked each casing for obstructions. The total depth of each well was within two feet of the total depth shown on the well construction details and no obstructions were identified. Each well was filled with neat cement grout mixed at a ratio of 6 gallons of water to 94 pounds of Portland cement to just below the top of the well casing using a tremie pipe. Any water that reached the surface was contained and transferred to the waste roll-off bin onsite.

After tremie grouting, each well was pressurized to a minimum of 25 pounds per square inch (psi) for a minimum of 5 minutes. After five minutes, Gregg added grout to fill the casings if the grout level dropped. A log of the number of bags of Portland cement used for each well compared to the number of bags the contractor charged is presented in **Table 2**. A comparison of the calculated amount of grout required to the actual volume used for each well is presented in **Table 3**.

Pressure grout volume calculations, as approved by the San Mateo County Inspector, Kian Atkinson, are included in **Appendix F**. A summary of actual grouting volumes is presented below:

Well ID	Well Diameter (inches)	Borehole Diameter (inches)	Well Depth (feet)	Calculated Grout Volume (gallons)	Actual Grout Volume Used (gallons)	Grout Volume Deviation (percent)
MW-4	2	8	27	20.56	12	-41.6
MW-12B	2	8	30	12.92	14	8.4
MW-13B	2	8	31	12.77	15	17.5
MW-15B	2	8	29	12.88	12	0.9
MW-20	2	8	21	15.18	15	-1.2
MW-21	2	8	21	15.18	14	-7.8

Notes:
Grout Volume Deviation = [(*Total Grout Volume Used*) - (*Calculated Grout*)] / (*Calculated Grout*) * 100

After pressure grouting MW-12B and MW-13B, the top five feet of each PVC well casing and annular material was removed and the borehole backfilled with grout, leaving the steel conductor casing in place. After pressure grouting MW-15B, MW-20, and MW-21, the top five feet of each well casing and annular material was removed and backfilled with grout.

Each well was completed at the surface with either asphalt or concrete dyed to match existing surface conditions.

2.3.1 MONITORING WELL MW-4

The original pressure grout calculation for MW-4 used a borehole diameter value of 8.5 inches since this was the outer diameter documented in the original boring log from 1995. This diameter is unusual for a hollow-stem auger outer diameter, so the original drilling contractor Woodward Drilling Company, Inc. (Woodward) was contacted to verify this diameter. The operations manager for Woodward Drilling, Ryan Woodward, responded to the inquiry via email and confirmed that the outer diameter of the hollow-stem augers used were 8 inches and that the boring logs were accounting for an oversized auger bit. This correspondence is included in **Appendix G**. The pressure grout calculation was revised to account for this change in borehole diameter, and the calculated pressure grout volume was adjusted to 20.56 gallons.

On June 11, 2019, MW-4 was grouted via tremie pipe to just below the top of the well casing with approximately 12 gallons of grout and was pressurized at 25 psi for 5 minutes without depressurizing or the grout level dropping. The volume of grout added to MW-4 is 41.6 percent less than the calculated grout volume, which is below the acceptable grout deviation limit of 30 percent and would typically require over-drilling destruction (**Table 3**). However, during air-knife clearing activities on June 10, a clay pipe was found immediately adjacent to the well that touches the PVC casing of MW-4. A photo of the clay pipe touching the PVC casing of MW-4 is included in **Appendix B**.

The City of San Mateo was contacted to determine whether the clay pipe immediately adjacent to MW-4 is an active utility. Mark Hathaway, Construction Inspector II for the City of San Mateo, noted that the line is likely a sewer lateral that connects to the adjacent residential apartment complex at 603 East 5th Avenue since he noticed a sewer cleanout adjacent to MW-4 in the grass and similar sewer lateral lines in the apartment complex carport.

Pacific Coast was contracted to investigate whether the clay pipe immediately adjacent to MW-4 is an active sewer lateral. On July 3, 2019, a representative from Pacific Coast performed a subsurface investigation to assess the clay pipe. Pacific Coast attempted to remove the sewer cleanout cap that was located by Mr. Hathaway in the grass adjacent to MW-4, but the age of the cap and amount of rust prevented it from opening. Pacific Coast was able to identify the location of the clay pipe immediately adjacent to MW-4 by a ground penetrating radar anomaly that traced to the sewer lateral found in the apartment complex carport. No other sewer laterals from the apartment complex were identified, which suggests that the clay pipe immediately adjacent to MW-4 is the active sewer lateral for the apartment complex. A report summarizing Pacific Coast's investigation and interpretations is included as **Appendix H**.

Despite the grout deviation, Antea Group recommends MW-4 not be over-drilled due to the location of the active sewer lateral. Antea Group believes MW-4 has limited potential as a preferential pathway since the well casing was void of obstructions, and the pressure of 25 psi was held on the casing for five minutes resulting the application of 58.4% of its calculated grout volume (11.6% below the acceptable grout deviation limit of 30%).

2.4 VAPOR MONITORING POINT DESTRUCTION

2.4.1 ONSITE VAPOR POINTS

Vapor points VP-1, VP-2, and VP-3 were destroyed using an air-knife and vacuum truck to remove the ¼-inch diameter Teflon tubing and annular materials to the original total depth of each boring, which was 6 feet bgs for vapor points VP-1 and VP-3 and 5.5 feet bgs for vapor point VP-2 (**Table 1**). The resulting borings were backfilled to approximately one-foot bgs with neat cement grout mixed at a ratio of 6 gallons of water to 94 pounds of Portland cement mixture. The surface at each location was patched with concrete dyed to match existing surface conditions.

2.4.2 SUB-SLAB VAPOR POINTS

Sub-slab vapor points SS-3 and SS-4 were located in the apartment complex at 603 East 5th Avenue. Sub-slab point SS-3 was in the bathroom of Unit 1 and sub-slab point SS-4 was in the bedroom closet of Unit 4. The apartment complex property manager provided access to the units on June 14, 2019. Each probe was pulled out of the slab and the resulting borehole was backfilled with a grout slurry to the surface.

Sub-slab vapor point SUBSLAB was located in the 76 Service Station auto repair shop and was destroyed on June 20, 2019. The sub-slab vapor point was destroyed by drilling it out using a roto-hammer drill to the total boring depth of 0.5 feet bgs and backfilling the resulting borehole with a grout slurry to the surface.

Sub-slab vapor points SS-1 and SS-2 were installed in the commercial building located at 521 East 5th Avenue. Since their installation in 2013, the building was remodeled into a Safari Kid child care center unbeknownst to Antea Group. Construction activities began in 2015 and were recently completed. Child care services began in the building in June 2019. The flooring of the building has been entirely refinished and vapor probes cannot be located. Deno Milano stated that the probes could be left in place if it could be demonstrated that the probes will not serve as preferential vapor pathways. The flooring contractor for the recent construction, Capital Flooring & Design, Inc. (Capital Flooring), was contacted to determine if the vapor probes were observed during re-flooring work and what type of flooring materials were used. Chris Javier of Capital Flooring responded in an email on June 18, 2019, noting that the vapor probes were not observed, that there was bare concrete on the

floor when they started work, that they installed a self-leveling floor patch with a vapor barrier, and that they glued down vinyl planks with standard LVT glue (**Appendix G**). Additional information from the building contractor was requested by Deno Milano, and attempts were made to identify this contractor. Barber Construction was listed as the general contractor on numerous building permits submitted in 2017. Tyrone Barber of Barber Construction responded to requests for information in an email on June 21, 2019 and stated that he also did not notice any vapor probes but noted that numerous contractors have worked at the building and on the building flooring (**Appendix G**). A records request for the property with the City of San Mateo Building Division (**Appendix I**) identified the additional possible contractors of Jameson Construction (listed contractor during building remodeling) and Rinnovo Group (listed for interior and exterior remodeling activities). Jameson Construction was contacted and they stated that Jameson Construction was only responsible for the installation of the skylights. Attempts were made to contact Rinnovo Group, but the Rinnovo Group contact responsible for the work at the property is no longer with Rinnovo Group. As of the submission of this report, further response from Rinnovo Group has not been received.

Antea Group proposes that SS-1 and SS-2 be considered destroyed because of limited potential for them to be preferential pathways since the vapor probes were not observed by Capital Flooring and the contractor installed a self-leveling floor patch with a vapor barrier over the bare floor of the building beneath glued vinyl planks, effectively sealing the building from the subsurface.

2.5 PAVEMENT RESTORATION

As part of the City of San Mateo encroachment permit conditions, under the supervision of Antea Group personnel, Ransome Company of San Leandro, California restored the asphalt street pavement at the former locations of wells MW-12B, MW-15B, MW-20, MW-21, and MW-24, MW-25, and Gregg restored the concrete sidewalk flags at the former locations of wells MW-4, MW-8, MW-10R, and MW-14B.

3.0 Waste Disposal Summary

Gregg placed soil cuttings generated during well destruction activities into one 20-yard roll-off bin and construction debris generated during well construction activities (concrete and asphalt) into seven 55-gallon drums. The roll-off bin and drums were temporarily stored onsite. The roll-off bin was covered after every working day, and the drums were sealed and labeled in accordance with the corresponding Department of Transportation (DOT) protocols for non-hazardous waste. Following waste profiling, the waste bin and drums were removed from the site on July 2, 2019 and transported to Soil Safe in Adelanto, California by Antea Group's waste management contractor Belshire Environmental Services, Inc. (Belshire). A copy of the non-hazardous waste manifest for the soils and construction debris generated during the well destruction activities is included as **Appendix J**.

4.0 Conclusion

The monitoring wells and vapor monitoring points associated with the Site have been destroyed for case closure as required. Despite deviations from well destruction standards, Antea Group recommends MW-4, SS-1 and SS-2 be designated as destroyed based on a low potential for them to be preferential pathways and extenuating circumstances related to the active apartment complex sewer lateral immediately adjacent to MW-4 and the recently completed construction in the 521 East 5th Avenue.

5.0 Remarks

The findings contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. For any reports cited that were not generated by Delta Consultants or Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Sincerely,

David Sisak
Project Manager
Antea Group

Information, conclusions, and recommendations provided by Antea Group in this document regarding the site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed Approver:

Regina Bussard, P.G.
Senior Project Manager
California Registered Professional Geologist No. 8288
Antea Group

PROFESSIONAL GEOLOGIST
REGINA M. BUSSARD
No. 8288
EXP. 1/31/20
STATE OF CALIFORNIA

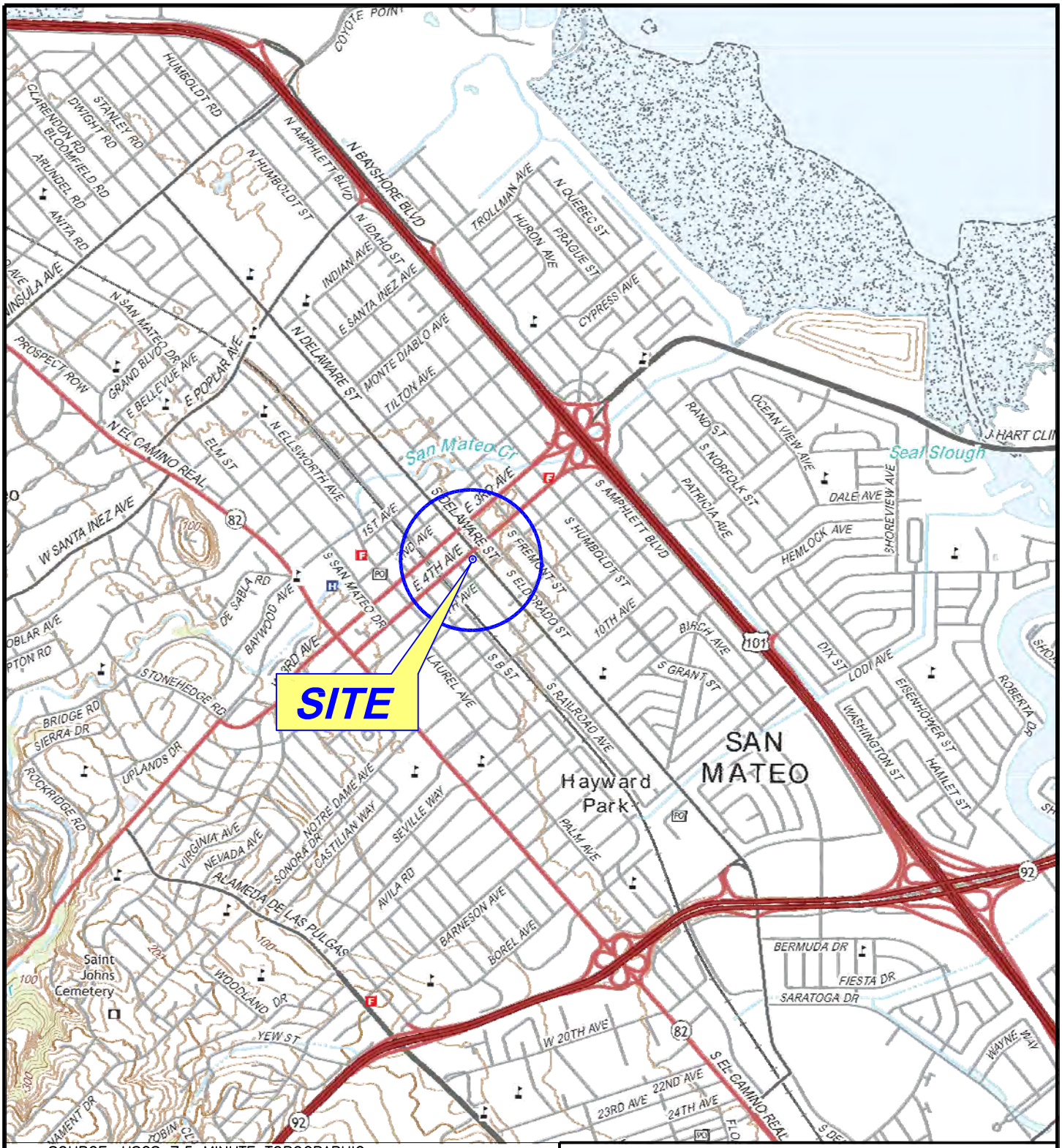
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Figures

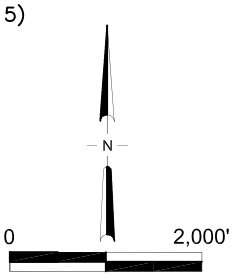
Figure 1 Site Location Map
Figure 2 Extended Site Plan



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC
SAN MATEO QUADRANGLE (2015)



SITE LOCATION



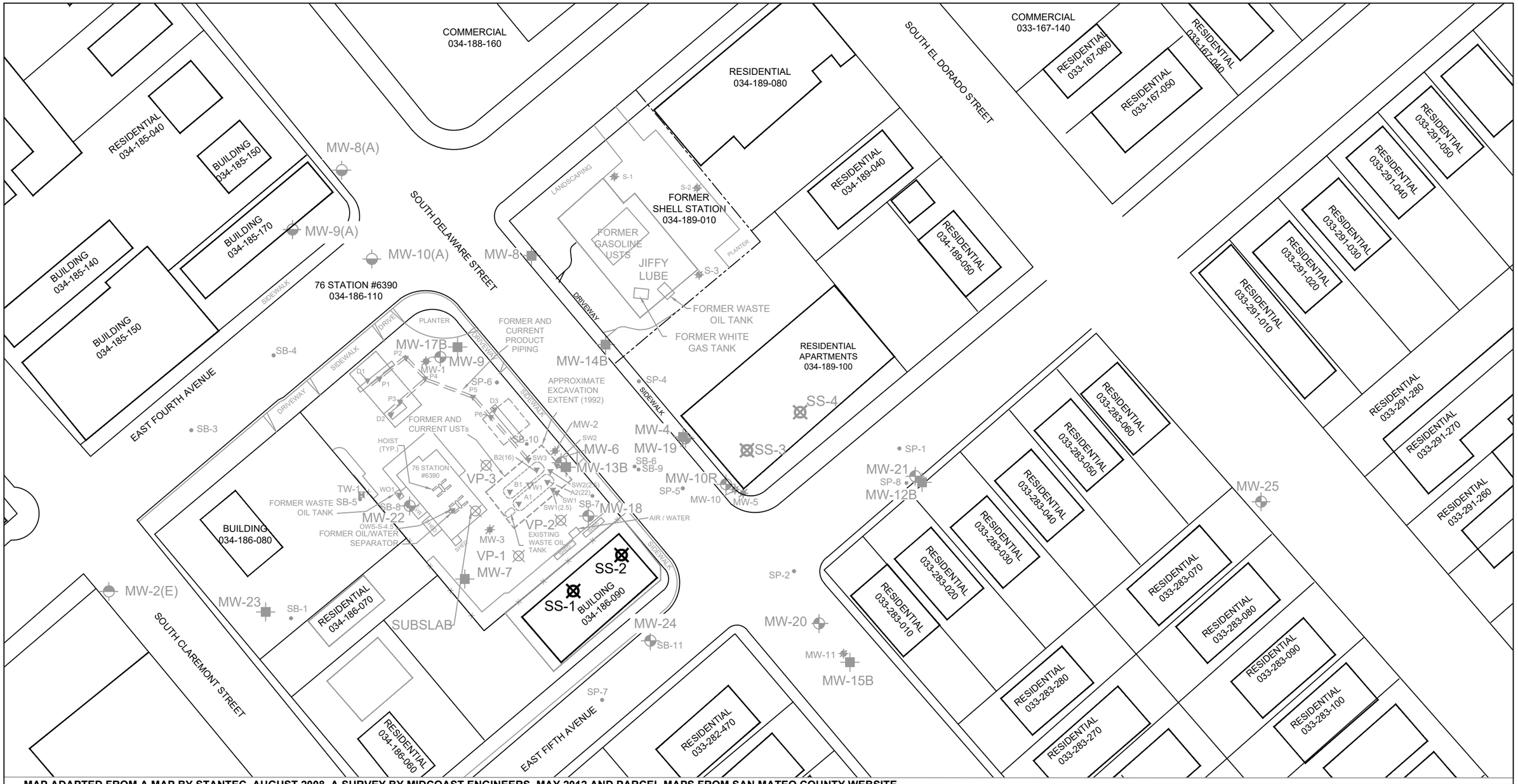
SCALE

FIGURE 1
SITE LOCATION MAP

76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO. 140256390		DRAWN BY J. HIGHFILL	
FILE NO. 6390-SLMed		PREPARED BY R. BUSSARD	
DATE 16 SEPT 16	REV. 2	REVIEWED BY	

anteagroup



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- DESTROYED GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION) (JUNE 2019)
- DESTROYED SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- DESTROYED SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DESTROYED DEEP GROUNDWATER MONITORING WELL - MAXIMUM SCREEN DEPTH > 21 ft (JUNE 2019)
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL VAPOR SAMPLING POINT (COVERED BY SELF-LEVELING FLOOR PATCH, VAPOR BARRIER, AND GLUED VINYL PLANKS)
- DESTROYED SOIL VAPOR SAMPLING POINT (JUNE 2019)
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

N

0 60'

SCALE

FIGURE 2
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	LK	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
7/25/19	7/25/19	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	F

Tables

Table 1	Soil Boring and Well Construction Details
Table 2	Grout Bag Utilization Log
Table 3	Field Grout Volume Utilization

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

7/23/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	Destroyed 1/2/2007
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	Destroyed 1/2/2007
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	Destroyed 1/2/2007
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Destroyed 6/11/19
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	Destroyed 1/2/2007
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	Destroyed 6/14/19
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	Destroyed 6/20/19
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	Destroyed 6/12/19
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	Destroyed 6/18/19
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/13/19
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'; Destroyed 6/14/19
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'; Destroyed 6/11/19
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	Destroyed 6/12/19
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	Destroyed 6/17/19
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	Destroyed 6/19/19
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/20/19
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/13/19
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/11/19
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/14/19
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/19/19
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring; Destroyed 6/18/19
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/17/19
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	Destroyed 6/13/19
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.3	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen; Destroyed 6/10/19
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.3	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen; Destroyed 6/11/19

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

7/23/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.3	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen; Destroyed 6/10/19
SUBSLAB	12/27/2006	NSVD	0.5	0.3	0.5	0.1	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point; Destroyed 6/20/19
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor points; Covered by self-leveling floor patch, vapor barrier, and glued vinyl plans.
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor points; Covered by self-leveling floor patch, vapor barrier, and glued vinyl plans.
SS-3	8/19/2013	NSVD	1.0	0.6	1.0	0.3	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point; Destroyed 6/14/29
SS-4	8/19/2013	NSVD	1.0	0.6	1.0	0.3	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point; Destroyed 6/14/29

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

TABLE 2
GROUT BAG UTILIZATION LOG
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Date	Driller's Field Sheets Grout Bag Charge	Destroyed Well ID	Portland Cement Mixed (bags)	Water Mixed (gallons)	Unused Grout (gallons)	Grout Used in Well (gallons)	Water Used in Well (gallons)
6/10/2019	6	VP-3	2.75	9.5		2.75	9.5
6/10/2019		VP-1	2.5	8		2.5	8
6/11/2019	13	VP-2	NA*	NA*		1.8	5.5
6/11/2019		MW-20	4	12	4	3.2	9.5
6/11/2019		MW-4	4	12	7	2.5	7.5
6/11/2019		MW-13B	5	15	8	3.3	10
6/12/2019	31	MW-8	16	48		16	48
6/12/2019		MW-14B	15	45		15	44
6/13/2019	33	MW-25	11	33		11	33
6/13/2019		MW-19	11	33		11	33
6/13/2019		MW-10R	11	33		11	33
6/14/2019	17	MW-12B	3	9		3	9
6/14/2019		MW-21	3	9		3	9
6/14/2019		MW-6	11	33		11	33
6/17/2019	15	MW-15B	2.75	8		2.75	8
6/17/2019		MW-24	11+1**	33		11	33
6/18/2019	24	MW-23	16	48	4	15.2	45.5
6/18/2019		MW-9	7+1***	21		7	21
6/19/2019	27	MW-17B	16	48	4	15.2	45.5
6/19/2019		MW-22	11	33		11	33
6/20/2019	25	MW-18	11	33		11	33
6/20/2019		MW-7	14	42		14	42

Notes:
Partial bags of grout used in mix are rounded to the nearest whole bag charge on Gregg's field bill
*Residual grout from MW-13B mix
**+1 bag of grout charged and used on top as dry sack
***Possible sand heaving, 1 bag charged and used on top as dry sack

TABLE 3
FIELD GROUT VOLUME UTILIZATION
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

Destroyed Well ID	Destruction Date	Destruction Type	Well Casing Diameter (inches)	Borehole Diameter (inches)	Total Boring Depth (feet)	Filter Pack Interval (feet)	Screen Interval (feet)	Calculated Grout (gallons)	Grout Used in Well (bags)	Water Used in Well (gallons)	Total Grout Volume Used (gallons)	Grout Volume Deviation (percent)
VP-3	6/10/2019	AK*	0.25	6	6	5-6	NA	8.82	2.75	9.5	13	47.4
VP-1	6/10/2019	AK*	0.25	6	5.5	5-5.5	NA	8.08	2.5	8	12	48.5
VP-2	6/11/2019	AK	0.25	6	6	5-6	NA	8.82	1.8	5.5	8.5	-3.6
MW-20	6/11/2019	PG	2	8	21	5-21	6-21	15.18	3.2	9.5	15	-1.2
MW-4	6/11/2019	PG	2	8	27	5-27	7-27	20.56	2.5	7.5	12	-41.6
MW-13B	6/11/2019	PG	2	8	31	20.5-31	21-31	12.77	3.3	10	15	17.5
MW-8	6/12/2019	OD	2	8	30	15-30	17-30	78.3	16	48	76	-2.9
MW-14B	6/12/2019	OD	2	8	29	18.3-29	18.8-28.8	75.7	15	44	71	-6.2
MW-25	6/13/2019	OD	2	8	21	5-21	6-21	54.8	11	33	52	-5.1
MW-19	6/13/2019	OD	2	8	21	5-21	6-21	54.8	11	33	52	-5.1
MW-10R	6/13/2019	OD	2	8	21	5-21	6-21	54.8	11	33	52	-5.1
MW-12B	6/14/2019	PG	2	8	30	19-29.5	19-29	12.92	3	9	14	8.4
MW-21	6/14/2019	PG	2	8	21	5-21	6-21	15.18	3	9	14	-7.8
MW-6	6/14/2019	OD	2	8	20	12-19.5	13-19	52.2	11	33	52	-0.4
MW-15B	6/17/2019	PG	2	8	29	16-27.5	17-27	12.88	2.75	8	13	0.9
MW-24	6/17/2019	OD	2	8	21	5-21	6-21	54.8	11	33	52	-5.1
MW-23	6/18/2019	OD	2	8	31	19-31	21-31	80.9	15.2	45.5	72	-11.0
MW-9	6/18/2019	OD	2	8	17	9.5-15.5	11.5-15	44.4	7	21	33	-25.7
MW-17B	6/19/2019	OD	2	8	30	20-27	21-27	78.3	15.2	45.5	72	-8.0
MW-22	6/19/2019	OD	2	8	21	5-21	2-21	54.8	11	33	52	-5.1
MW-18	6/20/2019	OD	2	8	21	5-21	6-21	54.8	11	33	52	-5.1
MW-7	6/20/2019	OD	2	8	26.5	20.5-25.5	22-25	69.2	14	42	66	-4.6

Notes:

bags - 47 pound Portland cement bags
AK - Air knife destruction method
PG - Pressure grout destruction method
OD - Overdrill destruction method

*Air knife destruction likely removed additional soil materials greater than the borehole diameter to ensure all well materials were removed

Grout volume estimates based on SMCEHD suggestion that 1 bag of Portland cement mixed with 3 gallons of water creates 4.75 gallons of mixed grout

Grout Volume Deviation = [(**Total Grout Volume Used**) - (**Calculated Grout**)] / (**Calculated Grout**) * 100

Appendix A – Regulatory Correspondence

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

March 5, 2019

SMCo Site #110069 / RO534
APN: 034-186-110

Timothy Bishop
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
(via timbishop@chevron.com)

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Bishop:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a revised well destruction work plan dated January 29, 2019. The following comments are based on San Mateo County Groundwater Protection Program (GPP) staff review of the work plan and the project file.

The work plan proposes to over-drill Monitoring Wells MW-12B and MW-13B, but does not provide sufficient detail to allow GPP staff to approve this action. The September 2008 report indicates 10-inch-diameter steel conductor casing is present in the wellbore and the wellbore is 18 inches in diameter to a depth of approximately 19 to 20.5 feet below grade. Does the registered professional intend on over-drilling these wells using 8-inch-diameter HSA oriented inside the steel casing or over-drilling the conductor casing with HSA having an inner diameter >10 inches? Drilling inside the conductor casing might damage the cement seal on the outside of the conductor casing or wrap the conductor casing around the auger, whereas drilling with large diameter auger might make it difficult to remove the conductor casing within the inner diameter of the auger. Therefore, please upload to GeoTraker by **April 16, 2019**, an addendum to the revised workplan detailing and justifying how these two wells will be destroyed. We recommend the registered professional consider pressure grouting these two wells.

Section 2.2 states bentonite will be added to the Portland cement mixture "as needed" to thicken the grout if the formation takes more grout than anticipated. GPP staff cannot support the potential addition of bentonite to the cement mixture because the registered professional did not justify the amount of bentonite that would be added and how this will be determined. GPP staff do not consider the addition of bentonite necessary if the cement is properly mixed at a ratio of 94 pounds of Portland cement to 6 to 7 gallons of water.

GPP staff approve the remainder of the work plan with the following conditions:

- Install drilling rod to the bottom of the inside of the well casing and over-drill the well with the rod in-place to the total depth of the previously drilled wellbore (do not attempt to remove the well casing before over-drilling as proposed in the revised work plan). The casing diameter of the monitoring wells is sufficient to allow the installation of drilling rod;

- Install tremie pipe to the bottom of the borehole if groundwater is present in the borehole and pump the grout down the tremie pipe until the grout flows freely out of the top of the borehole. It is permissible to raise the HSA as the grout rises within the borehole (the distance between the bottom of the auger and the top of the grout surface should not exceed a few feet). Please note, the HSA can only be used as the tremie pipe if no groundwater exists in the borehole;

- Record for each over-drilled well the diameter of the borehole drilled, the inner- and outer-diameter of the hollow-stem auger (HSA) used, the depth drilled, and the volume of grout and number of cement bags used; and

- Upload to GeoTracker by **July 30, 2019**, the electronic data file for the waste profiling and a report detailing and justifying the methods, findings, conclusions, and recommendations of the work. Please only submit the well completion report forms to the Department of Water Resources.

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
Rick Yost, Platinum Energy (via ryost@platinum-energy.net)
Ed Ralston, Phillips 66 (via ed.c.ralston@p66.com)
David Sisak, Antea Group (via david.sisak@anteagroup.com)

COUNTY OF SAN MATEO

Heather Forshey, MS, REHS
Director

Environmental Health Services
San Mateo County Health
2000 Alameda de las Pulgas
Suite 100
San Mateo, CA 94403
smchealth.org

May 13, 2019

SMCo Site #110069 / RO534
APN: 034-186-110

Timothy Bishop
Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
(via timbishop@chevron.com)

SUBJECT: UNOCAL 76 STATION #6390 AT 402 SOUTH DELAWARE STREET, SAN MATEO, CALIFORNIA

Dear Mr. Bishop:

Antea Group uploaded to the State GeoTracker database (GeoTracker) a April 5, 2019, addendum to the revised well destruction work plan dated January 29, 2019. San Mateo County Groundwater Protection Program (GPP) staff approve the addendum with the following conditions:

- Tremie grout until the grout flows out of the top of the tremie pipe (i.e. displace all groundwater from the well casing); and
- Follow all applicable approval conditions in our letter dated March 5, 2019.

The addendum does not sufficiently detail the over-drilling of MW-12B and MW-13B should pressure grouting fail to properly seal these wells. GPP staff will expect any over-drilling of these wells to occur in two phases: 1) removal of material <10-inches in diameter to total depth with pilot drilling rod extended to the full length of the borehole during drilling (proposed work) and 2) removal of the conductor casing and remaining material in the 18-inch diameter borehole to total depth with pilot drilling rod extended to the full length of the borehole during drilling. The latter step is necessary because drilling within the conductor casing (Step 1) may damage the cement seal along the outer surface of the conductor casing.

Please contact me at 650-372-6292 (direct), 650-372-6200 (main), or at dmilano@smcgov.org on Monday through Thursday (excluding holidays) if you have any questions.

Sincerely,

Deno G. Milano, PG
Hazardous Materials Specialist
Groundwater Protection Program

cc: State GeoTracker database
Linda Spady (via lindabspady@gmail.com)
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Ed Ralston, Phillips 66 (via ed.c.ralston@p66.com)
David Sisak, Antea Group (via david.sisak@anteagroup.com)

Appendix B – Site Photographs

Photo Log

Index

Photo 1	Apartment building sewer lateral found during air-knife clearing of MW-4.
Photo 2	CalTrans fiber optic signal line (marked as electricity) adjacent to MW-15B.
Photo 3	CalTrans fiber optic signal line (marked as electricity) adjacent to MW-20.
Photo 4	Electric line for street lights adjacent to MW-21 and MW-12B.
Photo 5	Sub-slab vapor point 4 (SS-4) in bedroom closet of 603 E 5th Ave, Unit 4.
Photo 6	Sub-slab vapor point 4 (SS-4) removed.
Photo 7	Sub-slab vapor point 4 (SS-4) grouted.
Photo 8	Sub-slab vapor point 3 (SS-3) in bathroom of 603 E 5th Ave, Unit 1.
Photo 9	Sub-slab vapor point 3 (SS-3) removed.
Photo 10	Sub-slab vapor point 3 (SS-3) grouted.
Photo 11	Sub-slab vapor point (SUBSLAB) in 76 Service Station auto shop.
Photo 12	Sub-slab vapor point (SUBSLAB) removed.
Photo 13	Sub-slab vapor point (SUBSLAB) grouted.



Photo 1 Apartment building sewer lateral found during air-knife clearing of MW-4.



Photo 2 CalTrans fiber optic signal line (marked as electricity) adjacent to MW-15B



Photo 3 CalTrans fiber optic signal line (marked as electricity) adjacent to MW-20.



Photo 4 Electric line for street lights adjacent to MW-21 and MW-12B.

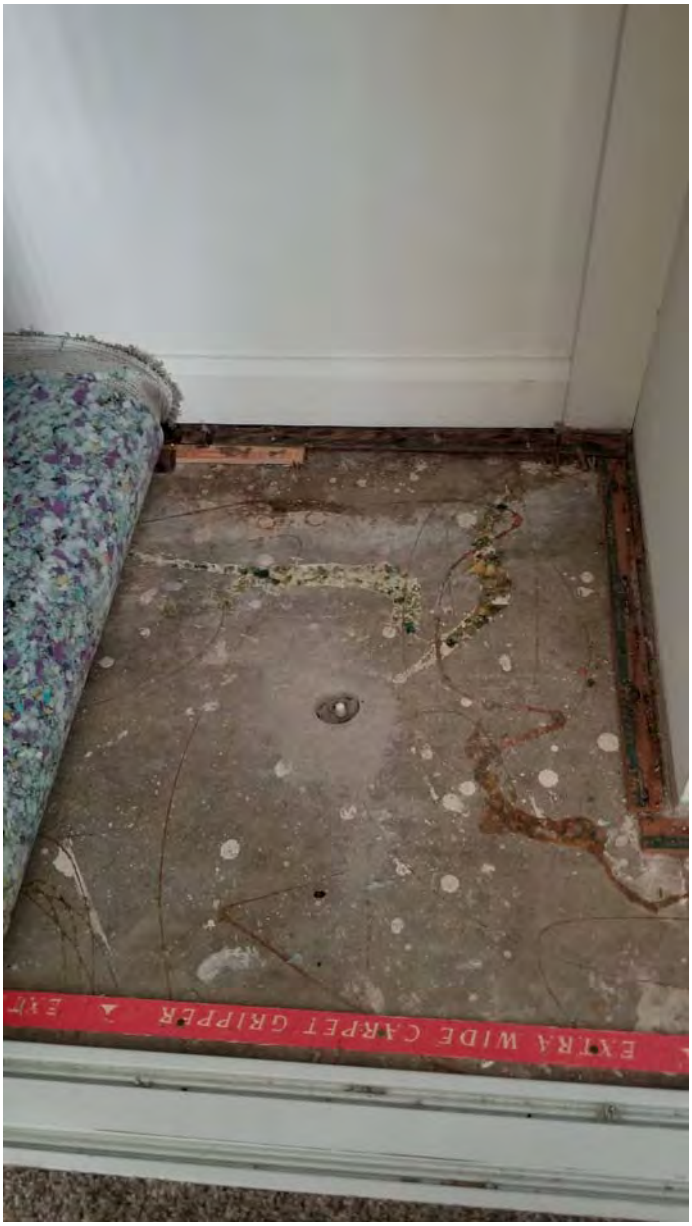


Photo 5 Sub-slab vapor point 4 (SS-4) in bedroom closet of 603 E 5th Ave, Unit 4.



Photo 6 Sub-slab vapor point 4 (SS-4) removed.



Photo 7 Sub-slab vapor point 4 (SS-4) grouted.

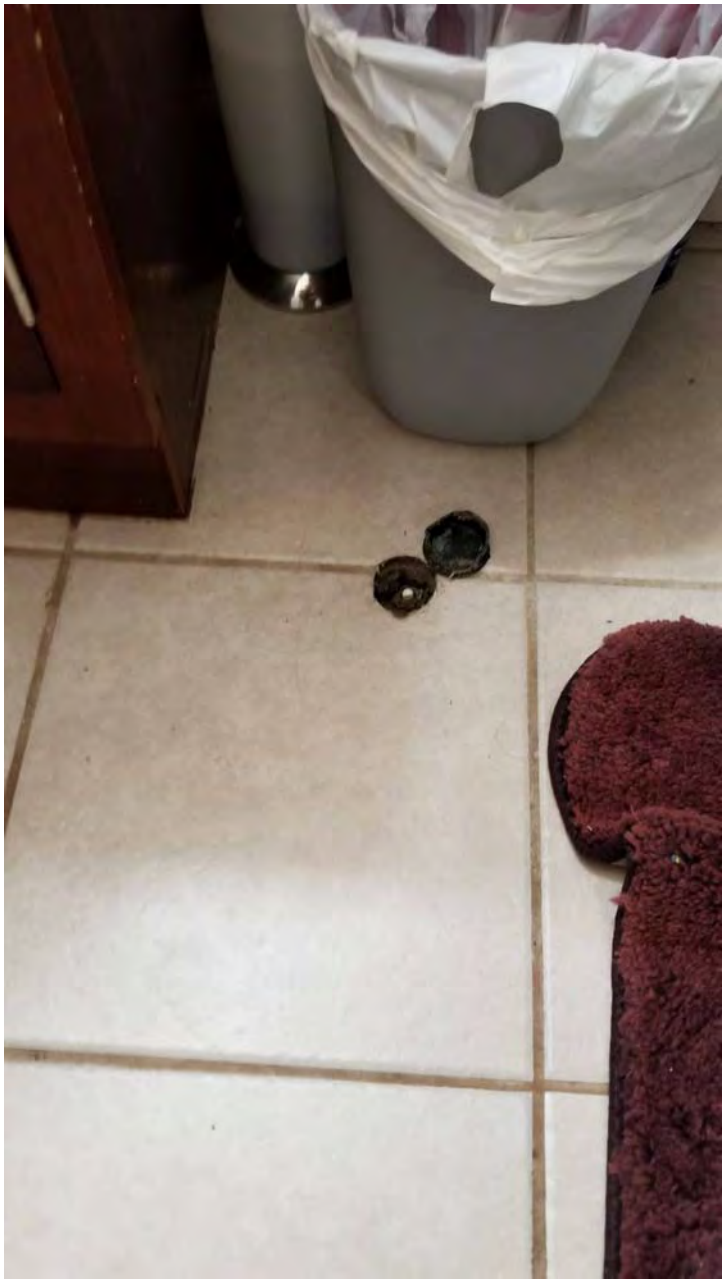


Photo 8 Sub-slab vapor point 3 (SS-3) in bathroom of 603 E 5th Ave, Unit 1.



Photo 9 Sub-slab vapor point 3 (SS-3) removed.



Photo 10 Sub-slab vapor point 3 (SS-3) grouted.



Photo 11 Sub-slab vapor point (SUBSLAB) in 76 Service Station auto shop.

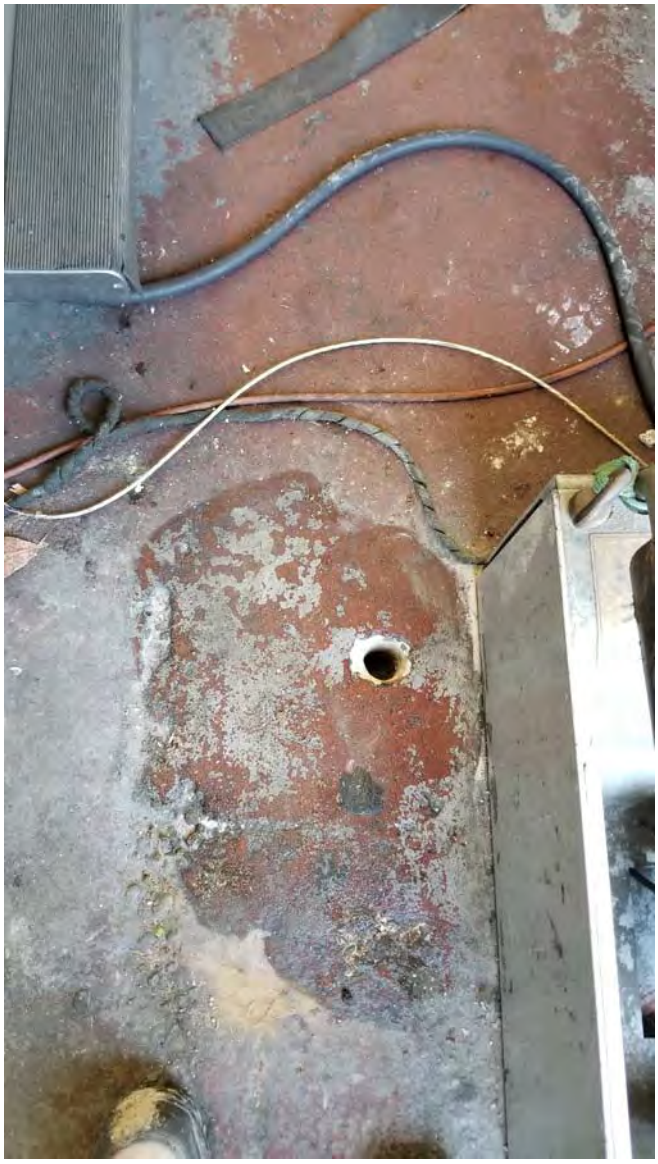


Photo 12 Sub-slab vapor point (SUBSLAB) removed.



Photo 13 Sub-slab vapor point (SUBSLAB) grouted.

Appendix C – Drilling Permits

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0776

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
524 4TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012287 FA0066028
034186110
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (7)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

COUNTY OF SAN MATEO CALIFORNIA

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

MAY 10 2019

RECEIVED

PAID
$747.00 CK# 719964
pd 5/13/19

App 1 of 6

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 484-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ehfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION
☐ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☒ Groundwater Monitoring/Vapor Well Destruction Extension of Permit #
No. of Wells 7 No. of Borings Well/Boring Names see highlighted wells on Site Plan

PURPOSE OF DRILLING ☒ Environmental ☐ Geotechnical
TYPE OF AGENCY ☒ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case #: 11069 Assessor's Parcel # (required) 034-186-110 (one per permit)
Drilling Location Address: 524 4th Ave City: San Mateo Zip: 90608
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 31 (feet) Drilling Method: Hollow Stem/Hand Auge
Boring Diameter: 6-8 inches Casing Diameter: 0.25"-2" Filter Pack Interval: see log Screen Interval: see log
Destruction Method: ☒ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☒ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER (Well/boring owner name or contact person should match signature)

Name: Antea Group Contact Person: Layne Kortbein
Address: 5910 Rice Creek Pkwy City, State, Zip: Shoreview, MN 55126
Telephone: 651-697-5117 Email: Layne.Kortbein@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/authorized person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: Layne Kortbein Date: 4/30/19

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: Linda Spady Contact Person: Linda Spady
Address: NW Dealer Co Holdings LLC, 4130 Cover Street City, State, Zip: Long Beach, CA 90808
Telephone: 916-579-5082 Email: lindabspady@gmail.com

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: Linda Spady Date: 4/29/19

DRILLING COMPANY

Drilling Company: Gregg Drilling & Testing, Inc. Contact Person: Chris Pruner
Address: 950 Howe Road City, State, Zip: Martinez, CA 94553
Telephone: 925-313-5800 Email: cpruner@greggdrilling.com C57 Drillers License 1044456
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Chris Pruner Date: 4/29/19

CONSULTANT COMPANY

Consultant Company: Antea Group Project Manager: David Sisak
Address: 505 14th Street Suite 900 City, State, Zip: Oakland, CA 94612
Telephone: 510-566-8525 Email: David.Sisak@anteagroup.com
Field Contact & Cell # (if known): Layne Kortbein, 608-408-9954
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Regina Bussard
Responsible Professional's Signature: Date: 5-2-19
California Professional Geologist (PG) No. 8288 or Civil Engineer (PE) No.

REV. 04/2018

FA660028

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS:

A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.
B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.
C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.
D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.
E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.
F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.
G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.
H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees
I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.
J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.
K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.
L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.
M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

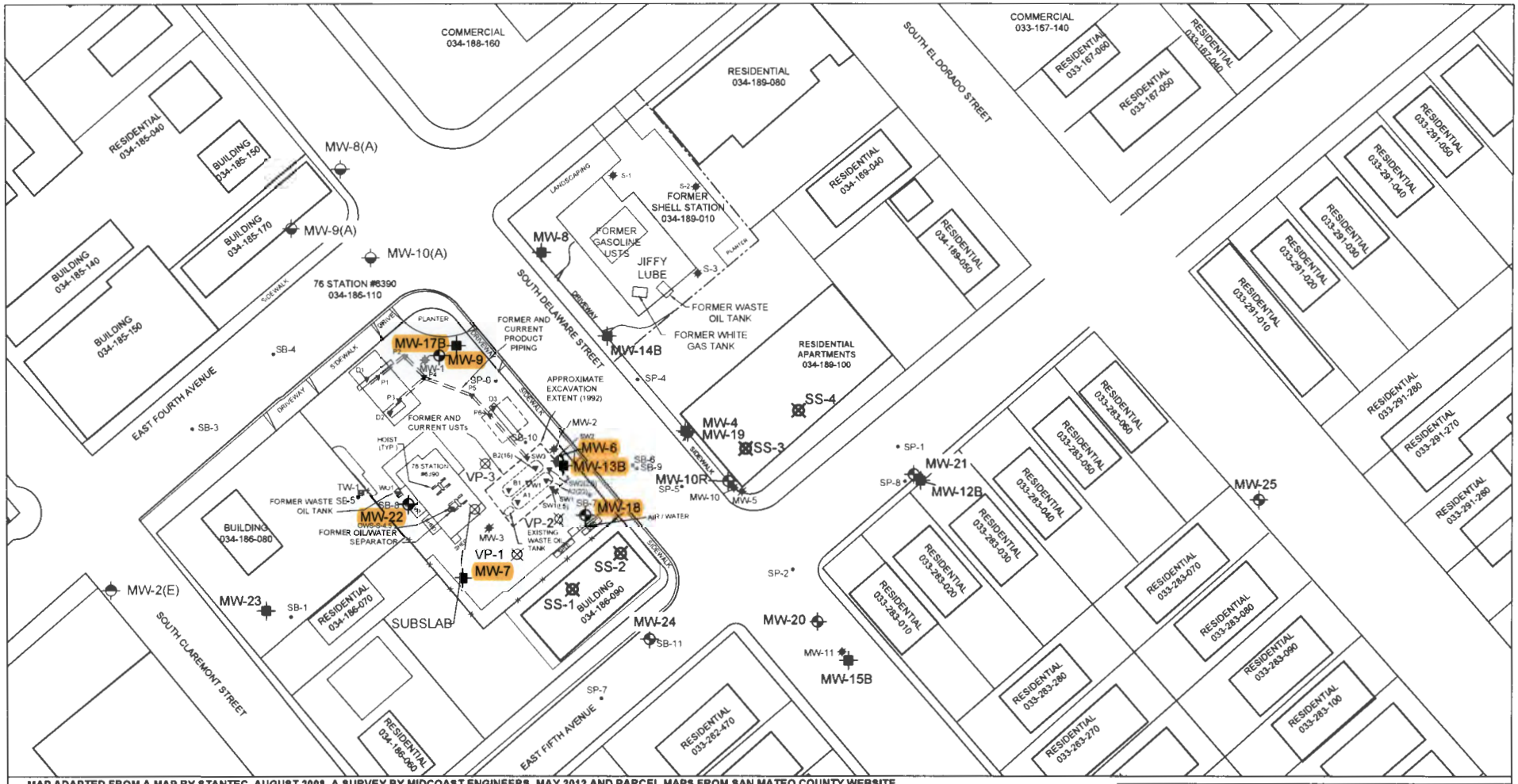
SPECIAL CONDITIONS: _____

(agency use only) _____

_____

_____

For Agency Use Only:
County Approval: IGA FA # _____ Date: 5/13/19



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	TB	JH	antea group
BASEMAP DATE	MAP DATE	REVIEWED BY	
3/3/17	3/3/17	JF	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	E

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION AND ABANDONMENT DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

1/28/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 29.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 16.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SUBSLAB	12/27/2006	NSVD	0.5	1/4	0.5	0.125	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying

Excerpt from *Antea Group, Addendum to Revised Well Destruction Work Plan, April 5, 2019*

Pressure Grouting Option

Antea Group proposes to pressure grout monitoring wells MW-12B and MW-13B.

Prior to implementing the pressure grouting option at each well, the total depth of the well casing with be measured to ascertain the thickness of sediment in the well casing. If the thickness of sediment is greater than 1.5 feet, the sediment will be removed using a vacuum truck connected to a drop tube assembly. The thickness of sediment measured during the most recent sampling event completed on August 4, 2017 indicated that sediment thickness encountered at each monitoring well was less than 1.5 feet. The groundwater monitoring field data sheets for the August 2017 groundwater monitoring event are presented as **Appendix C**. The estimated sediment thickness during the August 2017 groundwater monitoring event is listed on T**able 2**.

After verifying that the sediment thickness in the well casing is less than 1.5 feet, the drilling subcontractor will tremie backfill each well casing to just below the top of each well casing with neat cement grout mixed at a maximum of six (6) gallons of water per 94 pounds of Portland cement. Any water reaching the surface will be contained in 55-gallon drums. Following tremie grouting, each grouted well will be pressurized to a minimum of 25 pounds per square inch (psi) for a minimum of five (5) minutes. After five (5) minutes, any residual space observed within the well casing will be filled with grout.

The following calculated grout volumes will be used to evaluate to the well destruction process:

Well ID	Well Casing Diameter (inches)	Well Depth (feet)	Borehole Diameter (inches)	Filter Pack Interval (feet)	Screen Interval (feet)	Grout Volume (gallons)
MW-12B	2	30.0	18 (0 to 19.0 ft bgs) 8 (19.0 to 30.0 ft bgs)	19.0 to 29.5	19.0 to 29.0	12.9
MW-13B	2	31.0	18 (0 to 20.5 ft bgs) 8 (20.5 to 31.0 ft bgs)	20.5 to 31.0	21.0 to 31.0	12.8

After pressure grouting each well, the top five feet of PVC well casing will be removed using an air-knife/vacuum truck and the remaining annular space will be filled with grout leaving the steel conductor casing in place. The surface will be repaired using concrete dyed to match existing surface conditions. Each location will be destroyed and grouted before well destruction activities commence at any other well.

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-13B** PAGE 1 OF 2

DRILLING: STARTED **8/1/08** COMPLETED: **8/6/08**
INSTALLATION: STARTED **8/1/08** COMPLETED: **8/6/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.00** **8/6/08** BOREHOLE DEPTH (ft): **31.0**
STATIC DTW (ft): **18.09** **8/6/08** WELL DEPTH (ft): **31.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Concrete							
		ML	**GRAVELLY SILT** ; ML; 10YR 4/6 dark yellowish brown; low plasticity; hard; dry; no odor; (25,10,65,0)				Airknife to 5' bgs			
		ML	**SANDY SILT** ; ML; (5,40,55,0)							
5			No Recovery						5	Steel Conductor Casing Set To 20.5' bgs
		SM	**SILTY SAND** ; SM; 10YR 4/4 dark yellowish brown; loose; dry; subangular; well graded; fine to coarse sand, fine gravel, no odor, (10,70,20,0)					0.0		
10		SM	SM; 10YR 4/6 dark yellowish brown; medium-grained; medium dense; no odor; subrounded; poorly graded; (0,80,20,0)					0.0	10	PVC Casing
		ML	**SILT** ; ML; 10YR 4/3 brown; medium plasticity; stiff; moist; no odor; (0,5,95,0)		0753 MW-13B,12			0.0		
			5Y 4/3 olive; hard; moderate HC odor					4.6		
			Strong HC odor					1030		
								2900		Neat Grout Cement
15		ML	**SILT WITH SAND** ; ML; 10YR 3/4 dark yellowish brown; low plasticity; soft; moist; strong HC odor; (0,20,80,0)					4000	15	
		SM	**SILTY SAND** ; SM; 10YR 5/4 yellowish brown; dense; moist; strong HC odor; poorly graded; (0,80,20,0)		0810 MW-13B,15			4000		
		GM	No Recovery					2090		
		SP-SM	**SILTY SAND** ; SM; 10YR 5/4 yellowish brown; dense; moist; strong HC odor; poorly graded; (0,80,20,0)		0811 MW-13B,17.5			3890		
		SP-SM	**SILTY GRAVEL WITH SAND** ; GM; 5Y 4/4 olive; loose; moist; strong HC odor; poorly graded; black staining at 17.5, (65,15,20,0)		0849 MW-13B,19			2950		
		GM						2880		
20		MH						1680	20	Bentonite Chips
		ML	**POORLY GRADED SAND WITH SILT AND GRAVEL**; SP-SM; 2.5Y 1/4 olive; brown; loose; wet; strong HC odor; (20,70,10,0)		0925 MW-13B,20.5			1590		
			No Recovery					18.4		
			POORLY GRADED SAND WITH SILT AND GRAVEL; SP-SM 2.5Y 1/4 olive brown; loose; wet; strong HC odor; (20,70,10,0)							#3 Sand filter Pack
			SILTY GRAVEL WITH SAND ; GM; 5Y 4/4 olive; loose; wet; strong HC odor; black staining, (65,15,20,0)							
		SM								
		GM	**ELASTIC SILT** ; MH; 5Y 4/4 olive; high plasticity; soft; moist; strong HC odor;		0813			124		.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT 8-21-08.GPJ SECOR INTL.GDT 9/9/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-13B** PAGE 2 OF 2

DRILLING: STARTED **8/1/08** COMPLETED: **8/6/08**
INSTALLATION: STARTED **8/1/08** COMPLETED: **8/6/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **18.00** **8/6/08** BOREHOLE DEPTH (ft): **31.0**
STATIC DTW (ft): **18.09** **8/6/08** WELL DEPTH (ft): **31.0**
WELL CASING DIAMETER (in): **2** BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez** CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
		GM	(0,0,100,0)		MW-13B,24.5					
			SILT ; ML; 5Y 4/2 olive gray; low plasticity; soft; moist; strong HC odor; (0,10,90,0)					94.6		
			No Recovery							
		SP-SM	**SILTY SAND** ; SM; 10YR 5/6 yellowish brown; fine-grained; medium dense; wet; moderate HC odor; (5,75,20,0)		0838 MW-13B,27.5			289		0.02 Slotted Screen
		SM	**SILTY GRAVEL WITH SAND** ; GM; 10YR 5/6 yellowish brown; loose; wet; moderate HC odor; (60,20,20,0)					61		#3 Sand filter Pack
		GM	**SILTY GRAVEL** ; fine to medium grained, (75,5,20,0)							
30			**SAND WITH SILT** ; SP-SM; 10YR 4/6 dark yellowish brown; fine-grained; medium dense; wet; strong HC odor; (0,90,10,0))		0910 MW-13B,30.5			14.4	30	Threaded End Cap
			SILTY SAND ; SM; 10YR 3/6 dark yellowish brown; medium dense; wet; slight HC odor; very fine grained, (0,65,35,0)							
			SILTY GRAVEL WITH SAND ; GM; 10YR 3/6 dark yellowish brown; loose; wet; slight HC odor; fine grained, (60,20,20,0)							
			Hole terminated at 31 feet.							
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/9/08

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0777

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
600 BLOCK OF E 5TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012288 FA0066029
NO APN LISTED
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (2)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

App 2 of 4

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

MAY 10 2019

RECEIVED

PAID
$747.00
CK# 71984
pd 5/13/19

App 2 of 6

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ehfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION: ☐ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☒ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells 2 No. of Borings _____ Well/Boring Names MW-21, MW-12B

SUPPLEMENTAL DRILLING: ☒ Environmental ☐ Geotechnical
LOCAL APPROVAL: ☒ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # 11069 Assessor's Parcel # (required) Right of Way, S Delaware St (one per permit)
Drilling Location Address: 600 block of E 5th Ave City: San Mateo Zip: 90808
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 29 (feet) Drilling Method: Hollow Stem Auger
Boring Diameter: 8 inches Casing Diameter: 2 inches Filter Pack Interval: see table Screen Interval: see table
Destruction Method: ☒ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☒ Overdrilling (guide rods for total depth prior to starting required)

WELL BORING OWNER (Well/boring owner name or contact person should match signature)

Name: Antea Group Contact Person: Layne Kortbein
Address: 5910 Rice Creek Pkwy City, State, Zip: Shoreview, MN 55418
Telephone: 651-697-5117 Email: Layne.Kortbein@anteagroup.com
It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: Layne Kortbein Date: 4/30/19

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: City of San Mateo Right of Way Contact Person: Karen Magallanes
Address: 330 West 20th Avenue City, State, Zip: San Mateo, CA 94403
Telephone: 650-522-7576 Email: kmagallanes@cityofsanmateo.org
I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: _____ Date: _____

DRILLING COMPANY

Drilling Company: Gregg Drilling & Testing, Inc. Contact Person: Chris Pruner
Address: 950 Howe Road City, State, Zip: Martinez, CA 94553
Telephone: 925-313-6800 Email: cpruner@greggdrilling.com C57 Drillers License # 1044456
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Chris Pruner Date: 4/29/19

CONSULTANT COMPANY

Consultant Company: Antea Group Project Manager: David Sisak
Address: 505 14th Street Suite 900 City, State, Zip: Oakland, CA 94612
Telephone: 510-588-8625 Email: David.Sisak@anteagroup.com
Field Contact & Cell # (if known): Layne Kortbein, 608-408-9954
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Regina Bussard
Responsible Professional's Signature: Regina Bussard Date: 5-2-19
California Professional Geologist (PG) No. 8288 or Civil Engineer (PE) No. _____

REV. 03/2016

FA660029

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS:

A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.
B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.
C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.
D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.
E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.
F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.
G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.
H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees
I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.
J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.
K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.
L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.
M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

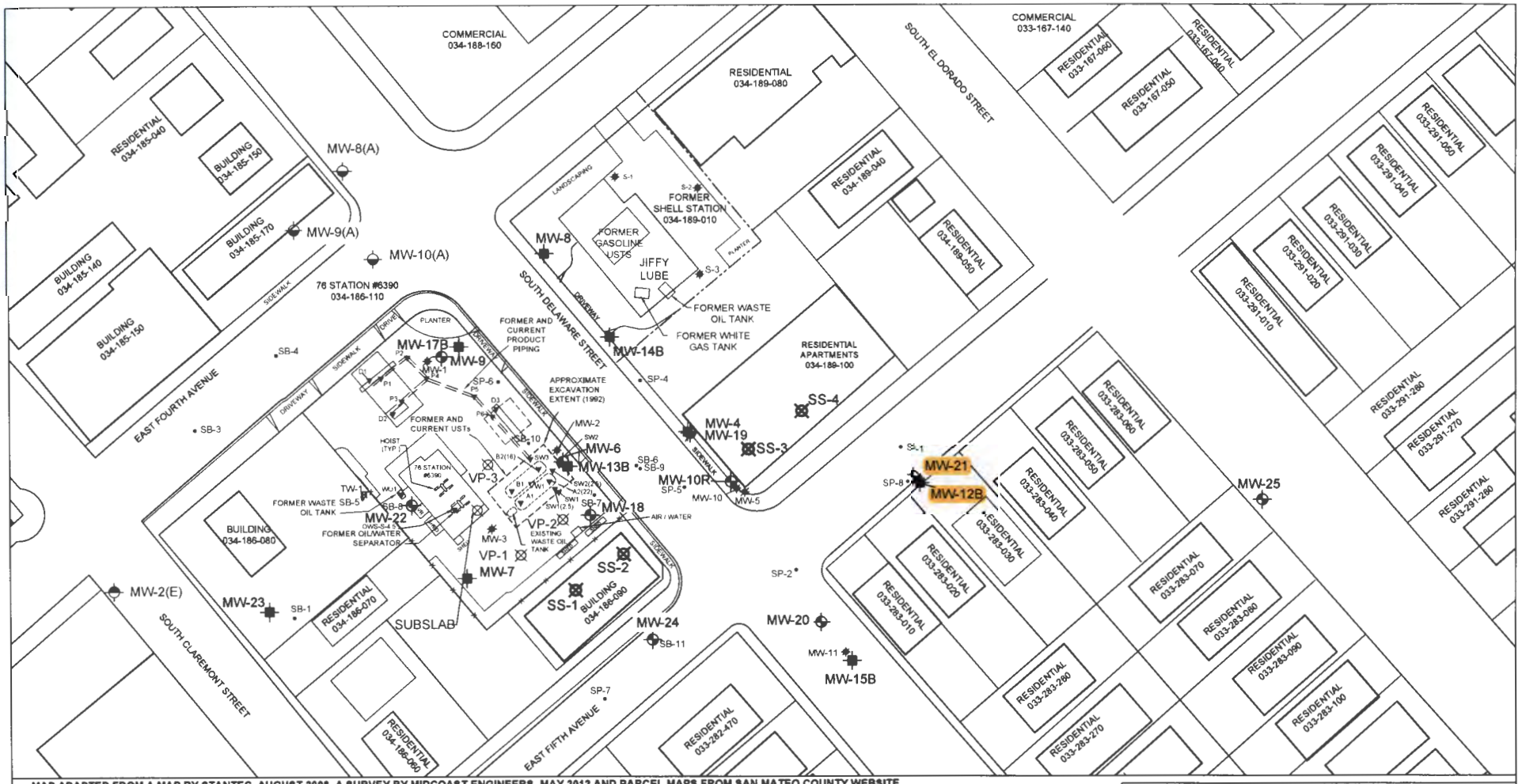
(agency use only) _____

_____

_____

For Agency Use Only:

County Approval: _____ FA # _____ Date: 5/13/19



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140256390	TB	JH
BASEMAP DATE	MAP DATE	REVIEWED BY
3/3/17	3/3/17	JF
PROJ. MGR.	IN REPORT	FILE NAME / REVISION
BP	CLOSURE REPORT	6390-ExtS100 / E

antea group

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION AND ABANDONMENT DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

1/28/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SUBSLAB	12/27/2006	NSVD	0.5	1/4	0.5	0.125	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

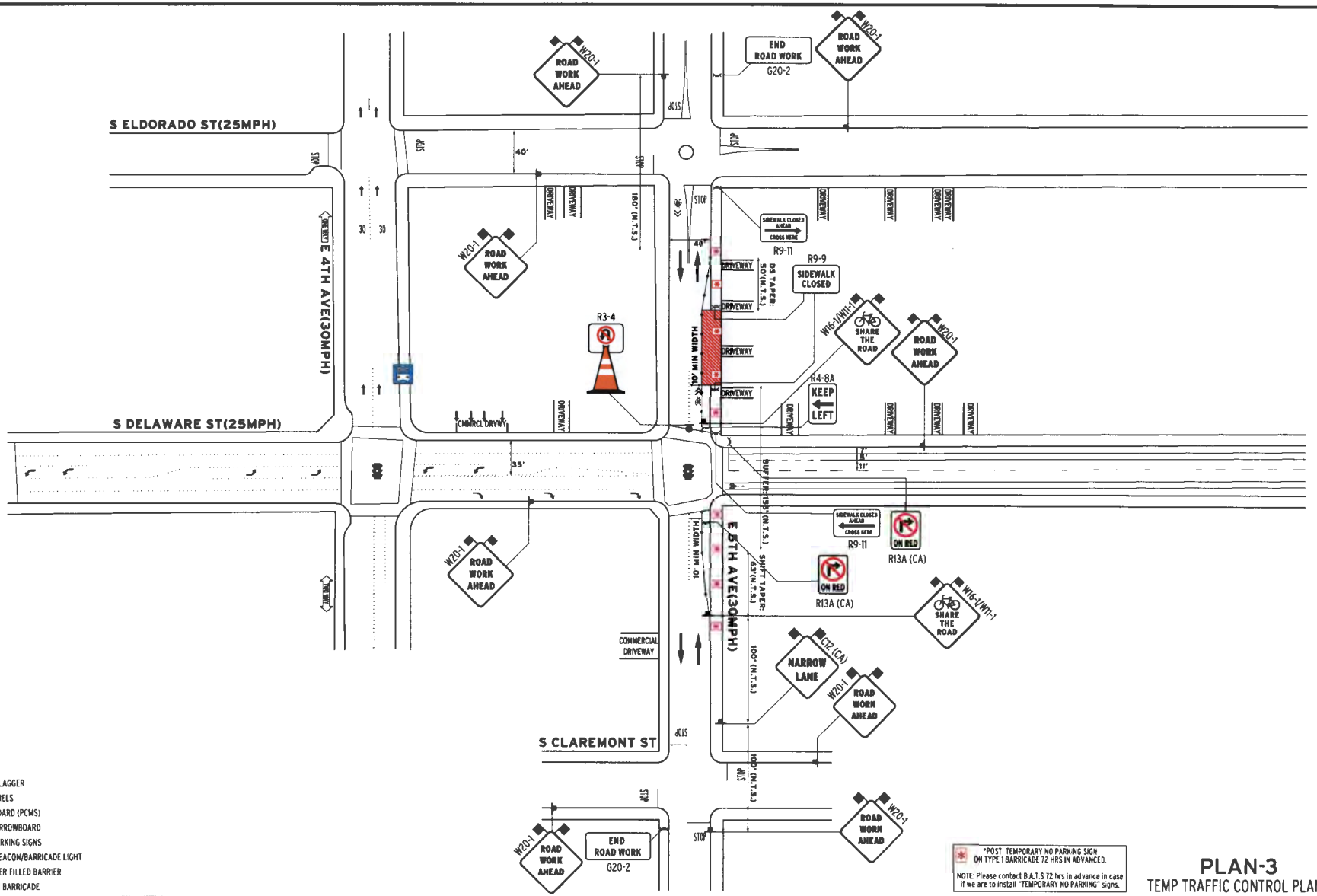
Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying



LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-3
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance between sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MUTCD TABLE 6C-1

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) - 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) - 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19

DATE COMPLTD: 4-8-19

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB: 140256390 PHASE 0007

PAGE: 3/5

REQUEST BY:
LAYNE KORTBEIN
ANTEA GROUP
651-697-5117
LAYNE.KORTBEIN@ANTEAGROUP.COM

AFTER HOURS EMERGENCY 510-299-5666

Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM
B.A.T.S. TRAFFIC SOLUTIONS

Excerpt from *Antea Group, Addendum to Revised Well Destruction Work Plan, April 5, 2019*

Pressure Grouting Option

Antea Group proposes to pressure grout monitoring wells MW-12B and MW-13B.

Prior to implementing the pressure grouting option at each well, the total depth of the well casing with be measured to ascertain the thickness of sediment in the well casing. If the thickness of sediment is greater than 1.5 feet, the sediment will be removed using a vacuum truck connected to a drop tube assembly. The thickness of sediment measured during the most recent sampling event completed on August 4, 2017 indicated that sediment thickness encountered at each monitoring well was less than 1.5 feet. The groundwater monitoring field data sheets for the August 2017 groundwater monitoring event are presented as **Appendix C**. The estimated sediment thickness during the August 2017 groundwater monitoring event is listed on **Table 2**.

After verifying that the sediment thickness in the well casing is less than 1.5 feet, the drilling subcontractor will tremie backfill each well casing to just below the top of each well casing with neat cement grout mixed at a maximum of six (6) gallons of water per 94 pounds of Portland cement. Any water reaching the surface will be contained in 55-gallon drums. Following tremie grouting, each grouted well will be pressurized to a minimum of 25 pounds per square inch (psi) for a minimum of five (5) minutes. After five (5) minutes, any residual space observed within the well casing will be filled with grout.

The following calculated grout volumes will be used to evaluate to the well destruction process:

Well ID	Well Casing Diameter (inches)	Well Depth (feet)	Borehole Diameter (inches)	Filter Pack Interval (feet)	Screen Interval (feet)	Grout Volume (gallons)
MW-12B	2	30.0	18 (0 to 19.0 ft bgs) 8 (19.0 to 30.0 ft bgs)	19.0 to 29.5	19.0 to 29.0	12.9
MW-13B	2	31.0	18 (0 to 20.5 ft bgs) 8 (20.5 to 31.0 ft bgs)	20.5 to 31.0	21.0 to 31.0	12.8

After pressure grouting each well, the top five feet of PVC well casing will be removed using an air-knife/vacuum truck and the remaining annular space will be filled with grout leaving the steel conductor casing in place. The surface will be repaired using concrete dyed to match existing surface conditions. Each location will be destroyed and grouted before well destruction activities commence at any other well.

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12B** PAGE 1 OF 2

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft):
LATITUDE:
GROUND ELEV (ft):
INITIAL DTW (ft): **16.25** **8/8/08**
STATIC DTW (ft): **17.14** **8/8/08**
WELL CASING DIAMETER (in): **2**
LOGGED BY: **L. Sanchez**

EASTING (ft):
LONGITUDE:
TOC ELEV (ft):
BOREHOLE DEPTH (ft): **30.0**
WELL DEPTH (ft): **29.5**
BOREHOLE DIAMETER (in): **18-8**
CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			Asphalt							Traffic Rated Well Box
		ML	**SANDY SILT** ; ML; 10YR 3/4 dark yellowish brown; low plasticity; hard; dry; no odor; no staining; (0,35,65,0)							
			10YR 4/4 dark yellowish brown; soft; fine grained sand and gravel, (15,30,55,0)				Airknife To 5 Feet bgs	0.0		
5								0.0	5	
								0.0		Steel Conductor Casing Set To 18.85' bgs
		SM	**SILTY SAND** ; SM; 10YR 5/3 brown; fine-grained; loose; dry; no odor; poorly graded sand; (5,60,35,0)							
			No Recovery							
10		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/4 dark yellowish brown; medium dense; moist; no odor; well graded; sub rounded to sub angular, (20,60,20,0)					0.0	10	PVC Casing
								0.0		
					1435 MW-12B, 12'			0.0		Neat Cement Grout
			No Recovery							
15		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 3/6 dark yellowish brown; medium dense; moist; no odor; well graded; (20,55,25,0)					0.0	15	
			Wet; no odor		1443 MW-12B, 16'			0.0		
			No Recovery							
		SM	**SILTY SAND WITH GRAVEL** ; SM; 10YR 4/2 dark grayish brown; loose; wet; moderate HC odor; well graded; (25,55,20,0)					284		Bentonite Chips
		ML			1508 MW-12B, 18.5'			724		
		SM	**SANDY SILT** ; ML; 10YR 5/4 yellowish brown; low plasticity; soft; moist; moderate HC odor; (5,35,60,0)		1522 MW-12B, 19'			1250 295		
20			**SILTY SAND WITH GRAVEL** ; SM; very loose; wet; strong HC odor; well graded; (20,60,15,0)						20	
			Moderate HC odor					359 71.6		#3 Sand Filter Pack
			No Recovery		1635 MW-12B, 21.5'					
		SM	**SILTY SAND** ; SM; 2.5YR 4/5 light olive brown; non plastic; loose; wet; moderate HC odor; poorly graded		1513 MW-12B, 23'			23		
			(0,70,30,0)					32		0.02 Slotted Screen

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/10/08

PROJECT: **76 Service Station No. 6390**
LOCATION: **402 South Delaware Street**
PROJECT NUMBER: **77CP.01574.47.1100**

WELL / PROBEHOLE / BOREHOLE NO: **MW-12B** PAGE 2 OF 2

DRILLING: STARTED **7/31/08** COMPLETED: **8/8/08**
INSTALLATION: STARTED **7/31/08** COMPLETED: **8/8/08**
DRILLING COMPANY: **WDC Exploration and Wells**
DRILLING EQUIPMENT: **Limited Acess Rig**
DRILLING METHOD: **Hollow Stem Auger**
SAMPLING EQUIPMENT: **Split Spoon Sampling**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **16.25** **8/8/08**
BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **17.14** **8/8/08**
WELL DEPTH (ft): **29.5**
WELL CASING DIAMETER (in): **2**
BOREHOLE DIAMETER (in): **18-8**
LOGGED BY: **L. Sanchez**
CHECKED BY: **D. Barclay**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Well Construction
			No Recovery							#3 Sand Filter Pack
		GM	**SILTY GRAVEL** ; GM; 5Y 4/2 olive gray; loose; wet; moderate HC odor; (70,10,30,0)		1535 MW-12B, 27'			15.8		
			10YR 5/6 yellowish brown; no odor; (75,5,25,0)					0.4 0.2 0.8		0.02 Slotted Screen Threaded End Cap
30			Hole terminated at 30 feet.						30	Bentonite
35									35	
40									40	
45									45	

GEO FORM 304 6390 - OFFSITEASSESSMENT, 8-21-08.GPJ SECOR INTL.GDT 9/10/08

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0778

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK OF E 5TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012289 FA0066030
NO APN LISTED
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

App 3 of 4

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
MAY 10 2019
RECEIVED

PAID
$747.00
CK# 719964
pd 5/13/19

App 3 of 6

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ehfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION: ☐ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☒ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells 1 No. of Borings _____ Well/Boring Names MW-24

PURPOSE OF DRILLING: ☒ Environmental ☐ Geotechnical
LEAD AGENCY: ☒ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # 11069 Assessor's Parcel # (required) Right of Way, E 5th Ave (one per permit)
Drilling Location Address: 600 block of E 5th Ave City: San Mateo Zip: 90808
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 21 (feet) Drilling Method: Hollow Stem Auger
Boring Diameter: 8 Inches Casing Diameter: 2 Inches Filter Pack Interval: 6 to 21 feet Screen Interval: 6 to 21 feet
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☒ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER

(Well/boring owner name or contact person should match signature)

Name: Antea Group Contact Person: Layne Kortbein
Address: 5910 Rice Creek Pkwy City, State, Zip: Shoreview, MN 55418
Telephone: 651-697-5117 Email: Layne.Kortbein@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: Layne Kortbein Date: 4/30/19

PROPERTY OWNER

(Name as appears on assessor's roles should match signature)

Name: City of San Mateo Right of Way Contact Person: Karen Magallanes
Address: 330 West 20th Avenue City, State, Zip: San Mateo, CA 94403
Telephone: 650-522-7576 Email: kmagallanes@cityofsanmateo.org

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: _____ Date: _____

DRILLING COMPANY

Drilling Company: Gregg Drilling & Testing, Inc. Contact Person: Chris Pruner
Address: 950 Howe Road City, State, Zip: Martinez, CA 94553
Telephone: 925-313-5800 Email: cpruner@greggdrilling.com C57 Drillers License # 1044456

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Chris Pruner Date: 4/29/19

CONSULTANT COMPANY

Consultant Company: Antea Group Project Manager: David Sisak
Address: 505 14th Street Suite 900 City, State, Zip: Oakland, CA 94612
Telephone: 510-588-8525 Email: David.Sisak@anteagroup.com
Field Contact & Cell # (if known): Layne Kortbein, 608-406-9954

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Regina Bussard
Responsible Professional's Signature: R. Bussard Date: 5-2-19
California Professional Geologist (PG) No. 8288 or Civil Engineer (PE) No. _____

REV. 09/2018

FA66030

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS:

A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

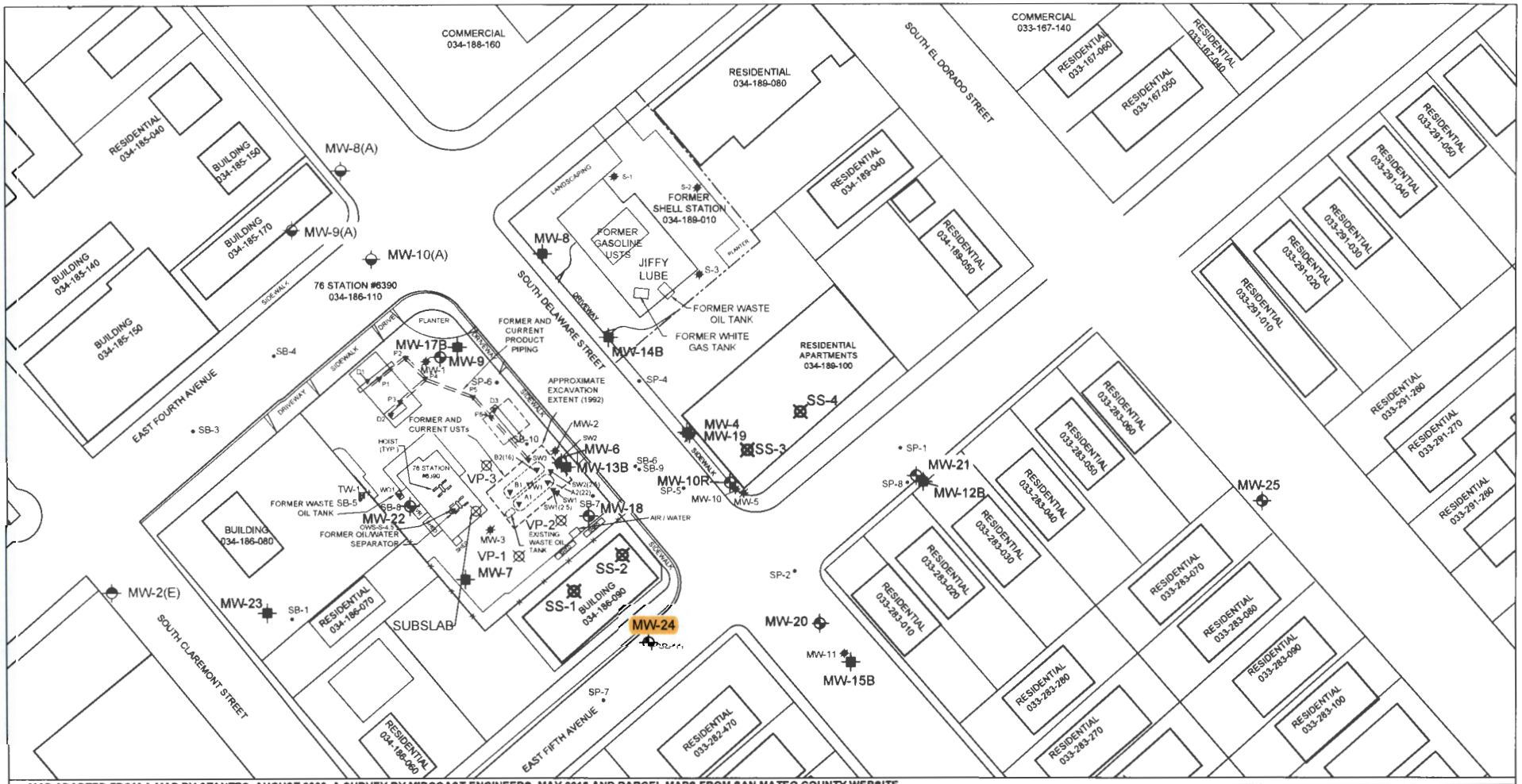
(agency use only) _____

_____

_____

For Agency Use Only:

County Approval: _____ FA # _____ Date: 5/13/19



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

N

0 60'

SCALE

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140256390	TB	JH
BASEMAP DATE	MAP DATE	REVIEWED BY
3/3/17	3/3/17	JF
PROJ. MGR.	IN REPORT	FILE NAME / REVISION
BP	CLOSURE REPORT	6390-ExtS100 / E

antea group

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION AND ABANDONMENT DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

1/28/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SUBSLAB	12/27/2006	NSVD	0.5	1/4	0.5	0.125	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

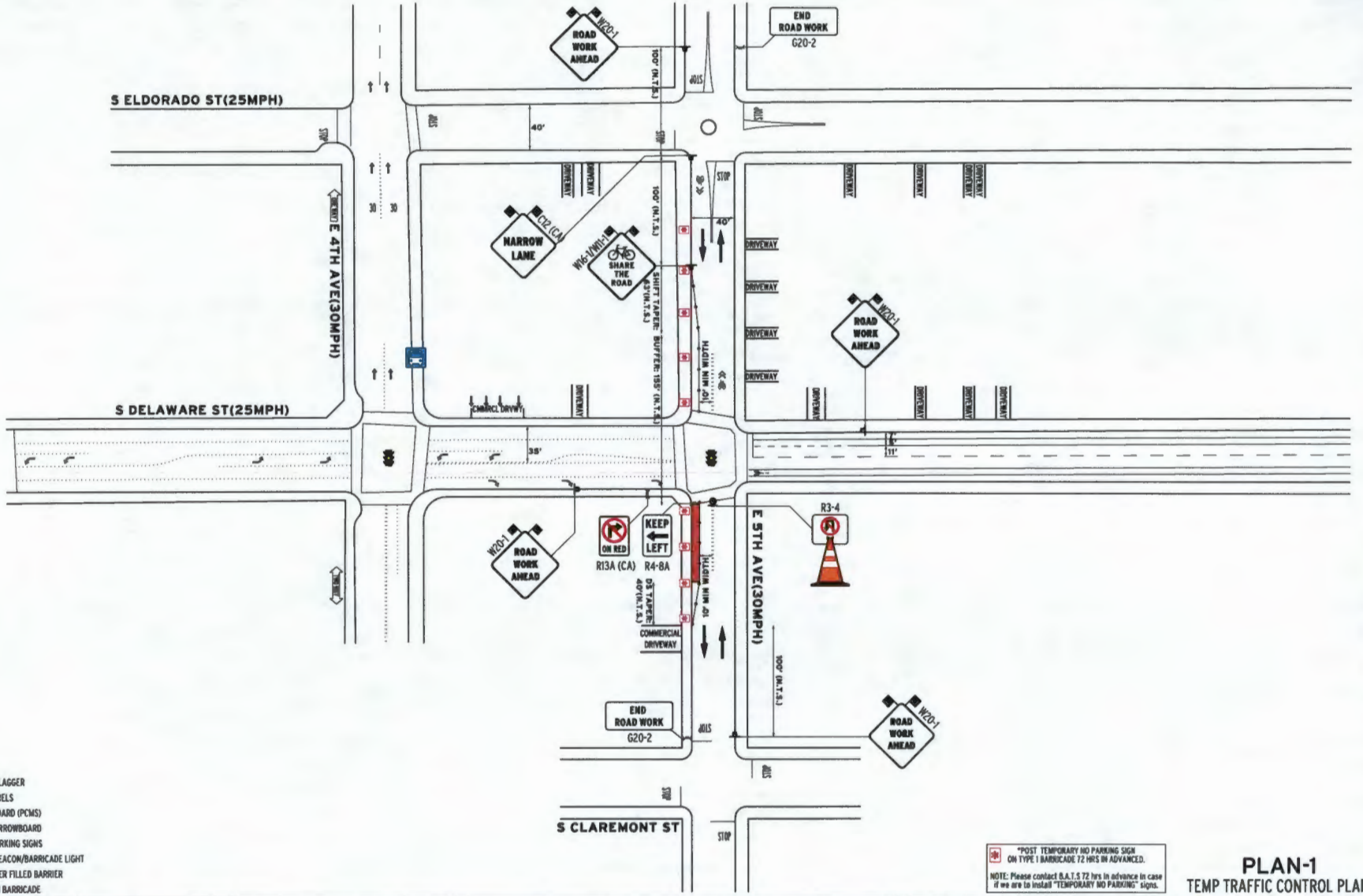
Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying



LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-1
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance between sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS (WATCH TABLE 6G-1)

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) - 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) - 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQUESTED: 4-3-19

DATE COMPLETED: 4-8-19

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB# 140256390 PHASE 0007

PAGE 1/5

REQUEST BY:
LAYNE KORTBEIN
ANTEA GROUP
651-697-5117
LAYNE.KORTBEIN@ANTEAGROUP.COM

AFTER HOURS EMERGENCY 510-299-5666

Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM
B.A.T.S. TRAFFIC SOLUTIONS

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0779

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK OF S ELDORADO ST, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012290 FA0066031
NO APN LISTED
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

App 4 of 4

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
MAY 10 2019
RECEIVED

PAID
$747.00

App 4 of 6

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

CK# 719964
pd 5/13/19

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ehfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION: ☐ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☒ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells 1 No. of Borings _____ Well/Boring Names MW-25

PURPOSE OF DRILLING: ☒ Environmental ☐ Geotechnical
LEAD AGENCY: ☒ County GPP (permit approval is not to be considered work plan approval) ☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # 11069 Assessor's Parcel # (required) Right of Way, S Delaware St (one per permit)
Drilling Location Address: 500 block of S Eldorado St City: San Mateo Zip: 90808
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 21 (feet) Drilling Method: Hollow Stem Auger
Boring Diameter: 8 inches Casing Diameter: 2 inches Filter Pack Interval: 5 to 21 feet Screen Interval: 6 to 21 feet
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☒ Overdrilling (guide rods for total depth prior to starting required)

WELL BORING OWNER (Well/boring owner name or onsite operator should match signature)

Name: Antea Group Contact Person: Layne Kortbein
Address: 5910 Rice Creek Pkwy City, State, Zip: Shoreview, MN 55418
Telephone: 651-697-5117 Email: Layne.Kortbein@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: Layne Kortbein Date: 4/30/19

PROPERTY OWNER (Name as appears on assessor's roles should match signature)

Name: City of San Mateo Right of Way Contact Person: Karen Magallanes
Address: 330 West 20th Avenue City, State, Zip: San Mateo, CA 94403
Telephone: 650-522-7576 Email: kmagallanes@cityofsanmateo.org

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: _____ Date: _____

DRILLING COMPANY

Drilling Company: Gregg Drilling & Testing, Inc. Contact Person: Chris Pruner
Address: 950 Howe Road City, State, Zip: Martinez, CA 94553
Telephone: 925-313-5800 Email: cpruner@greggdrilling.com C57 Drillers License # 1044456

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: _____ Date: 4/29/19

CONSULTANT COMPANY

Consultant Company: Antea Group Project Manager: David Sisak
Address: 505 14th Street Suite 900 City, State, Zip: Oakland, CA 94612
Telephone: 510-588-8525 Email: David.Sisak@anteagroup.com
Field Contact & Cell # (if known): Layne Kortbein, 608-408-9954

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Regina Bussard
Responsible Professional's Signature: _____ Date: 5-2-19
California Professional Geologist (PG) No. 8288 or Civil Engineer (PE) No. _____

REV. 03/2018

FA660314

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS:

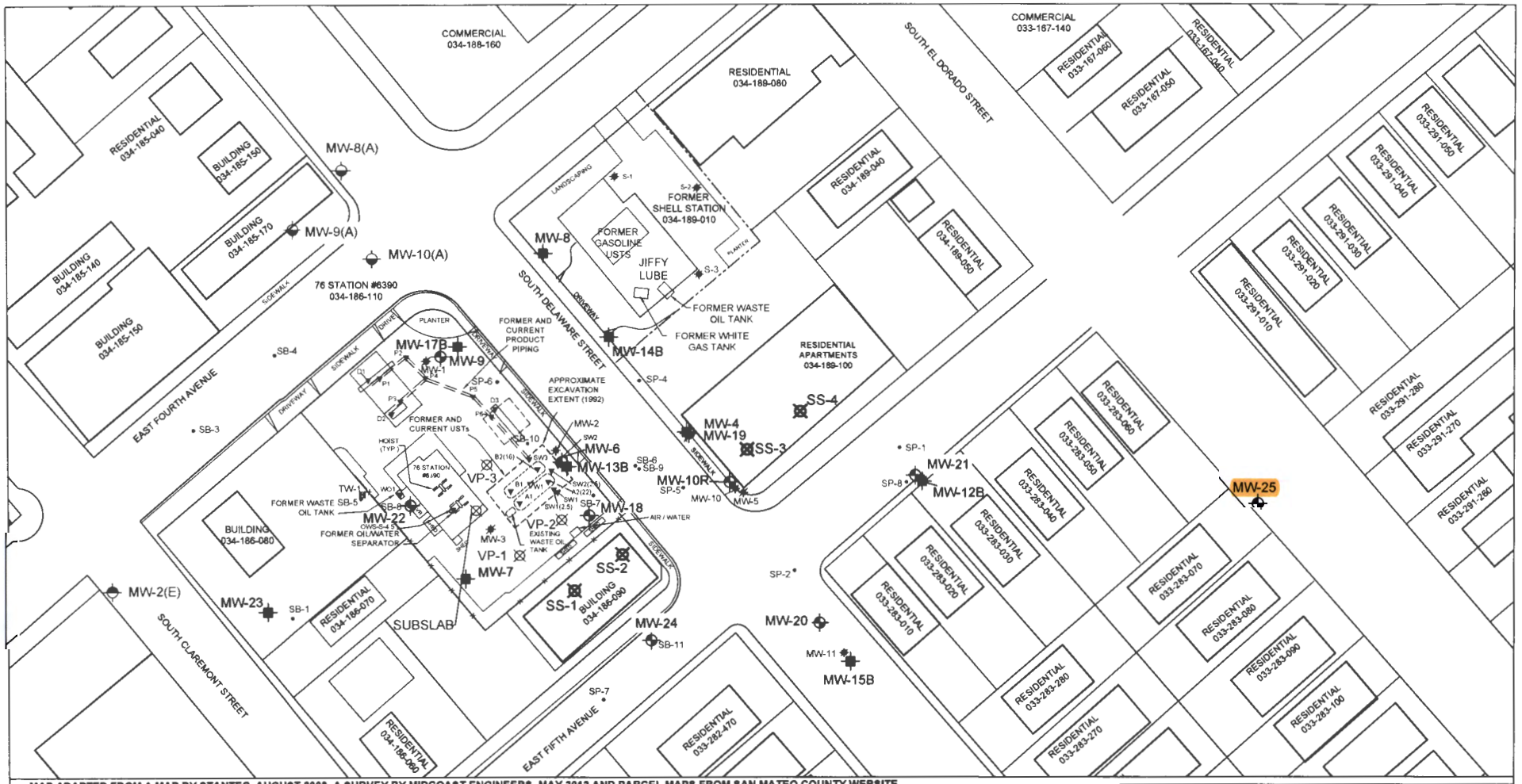
A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.
B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.
C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.
D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.
E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.
F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.
G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.
H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees
I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.
J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.
K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.
L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.
M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

(agency use only) _____

_____

For Agency Use Only:
County Approval: _____ FA # _____ Date: 5/13/19



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

N

0 60'

SCALE

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
140256390	TB	JH
BASEMAP DATE	MAP DATE	REVIEWED BY
3/3/17	3/3/17	JF
PROJ. MGR.	IN REPORT	I.F. NAME / REVISION
BP	CLOSURE REPORT	6390-ExtS100 / E

antea group

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION AND ABANDONMENT DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

x/xx/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SUBSLAB	12/27/2006	NSVD	0.5	1/4	0.5	0.125	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

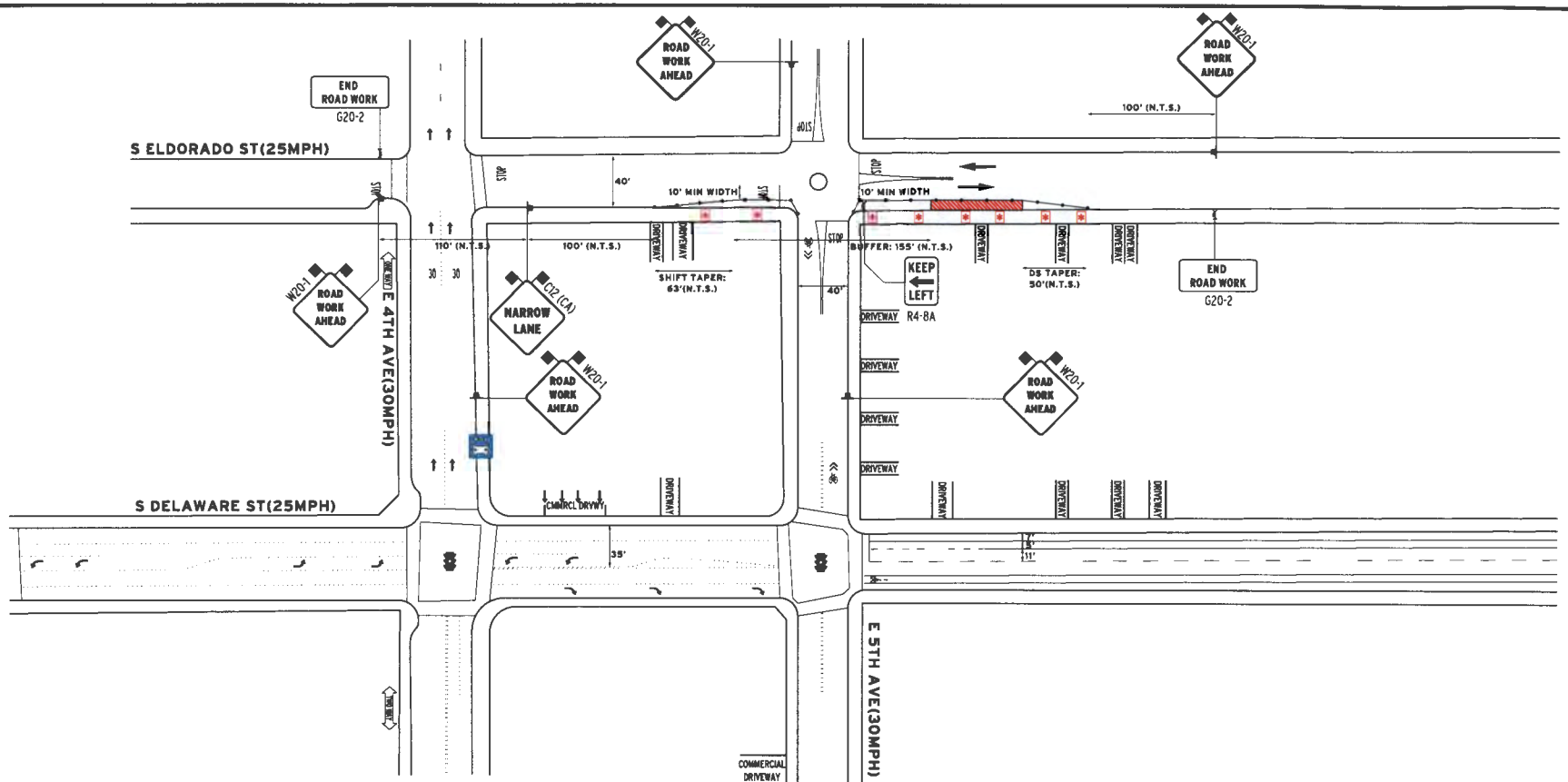
Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 – August 13, 2005 by Morrow Surveying
MW-6 through MW-9 – January 16, 2007 by Morrow Surveying
MW-10 through MW-15B – August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying



ADDITIONAL NOTES:
1.ASSIST RESIDENTS WITH IN/OUT ACCESS TO DRIVEWAYS ALONG THE CLOSURE WHEN SAFE TO DO SO.

LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.
NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-4
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance between sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS — NOTES TABLE 6C-1

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) - 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) - 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19

DATE COMPLETD: 4-8-19

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB: 140256390 PHASE 0007

PAGE: 4/5

REQUEST BY:
LAYNE KORTBEIN
ANTEA GROUP
651-697-5117
LAYNE.KORTBEIN@ANTEAGROUP.COM

AFTER HOURS EMERGENCY 510-299-5666
Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM
B.A.T.S. TRAFFIC SOLUTIONS

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0780

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK OF S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012291 FA0066032
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (2)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
MAY 10 2019
RECEIVED

App 5 of 6

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ehfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION
☐ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☒ Groundwater Monitoring/Vapor Well Destruction Extension of Permit # _____
No. of Wells 2 No. of Borings _____ Well/Boring Names MW-20, MW-15B

PURPOSE OF DRILLING
☒ Environmental ☐ Geotechnical

LEAD AGENCY
☒ County GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # 11069 Assessor's Parcel # (required) Right of Way, S Delaware St (one per permit)
Drilling Location Address: 500 block of S Delaware St City: San Mateo Zip: 90808
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 27 (feet) Drilling Method: Hollow Stem Auger
Boring Diameter: 8 inches Casing Diameter: 2 inches Filter Pack Interval: see table Screen Interval: see table
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☒ Overdrilling (guide rods for total depth prior to starting required)

WELL BORING OWNER

(Well/boring owner name or contact person should match signature)

Name: Antea Group Contact Person: Layne Kortbein
Address: 5910 Rice Creek Pkwy City, State, Zip: Shoreview, MN 55418
Telephone: 651-697-5117 Email: Layne.Kortbein@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: Layne Kortbein Date: 4/30/19

PROPERTY OWNER

(Name as appears on assessor's roles should match signature)

Name: City of San Mateo Right of Way Contact Person: Karen Magallanes
Address: 330 West 20th Avenue City, State, Zip: San Mateo, CA 94403
Telephone: 650-522-7576 Email: kmagallanes@cityofsanmateo.org

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: _____ Date: _____

DRILLING COMPANY

Drilling Company: Gregg Drilling & Testing, Inc. Contact Person: Chris Pruner
Address: 950 Howe Road City, State, Zip: Martinez, CA 94553
Telephone: 925-313-5800 Email: cpruner@greggdrilling.com C57 Drillers License # 1044456
I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Chris Pruner Date: 4/29/19

CONSULTANT COMPANY

Consultant Company: Antea Group Project Manager: David Sisak
Address: 505 14th Street Suite 900 City, State, Zip: Oakland, CA 94612
Telephone: 510-588-8525 Email: David.Sisak@anteagroup.com
Field Contact & Cell # (if known): Layne Kortbein, 608-408-9954
I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Regina Bussard
Responsible Professional's Signature: Regina Bussard Date: 5-2-19
California Professional Geologist (PG) No. 8288 or Civil Engineer (PE) No. _____

REV. 05/2018

FA 66032

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS:

A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

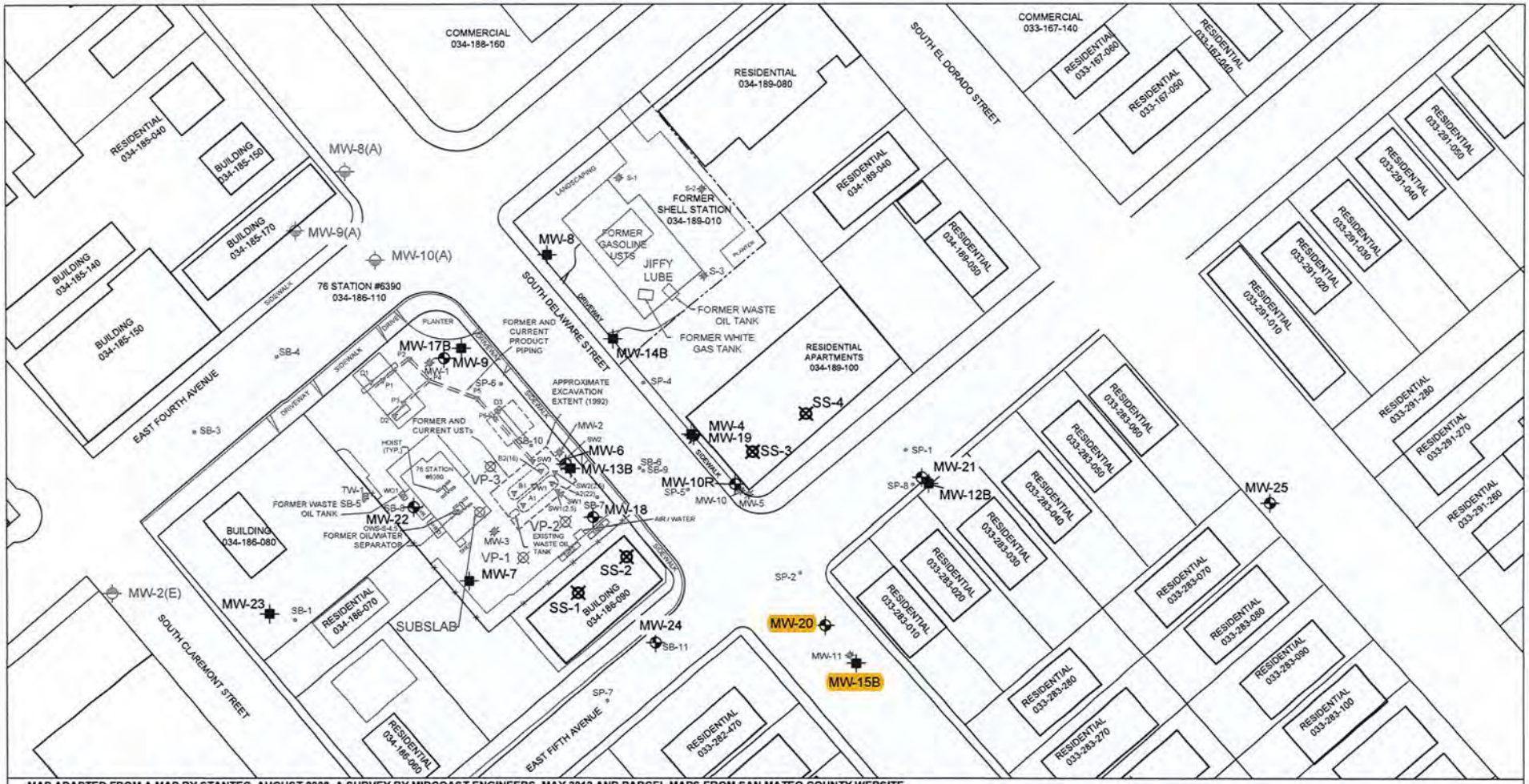
(agency use only) _____

_____

_____

For Agency Use Only:

County Approval: _____ KM FA # _____ Date: 5/13/19



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL (S = SHELL WELL)
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	TB	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	
3/3/17	3/3/17	JF	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	E

anteagroup

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION AND ABANDONMENT DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

1/28/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.88	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SUBSLAB	12/27/2006	NSVD	0.5	1/4	0.5	0.125	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

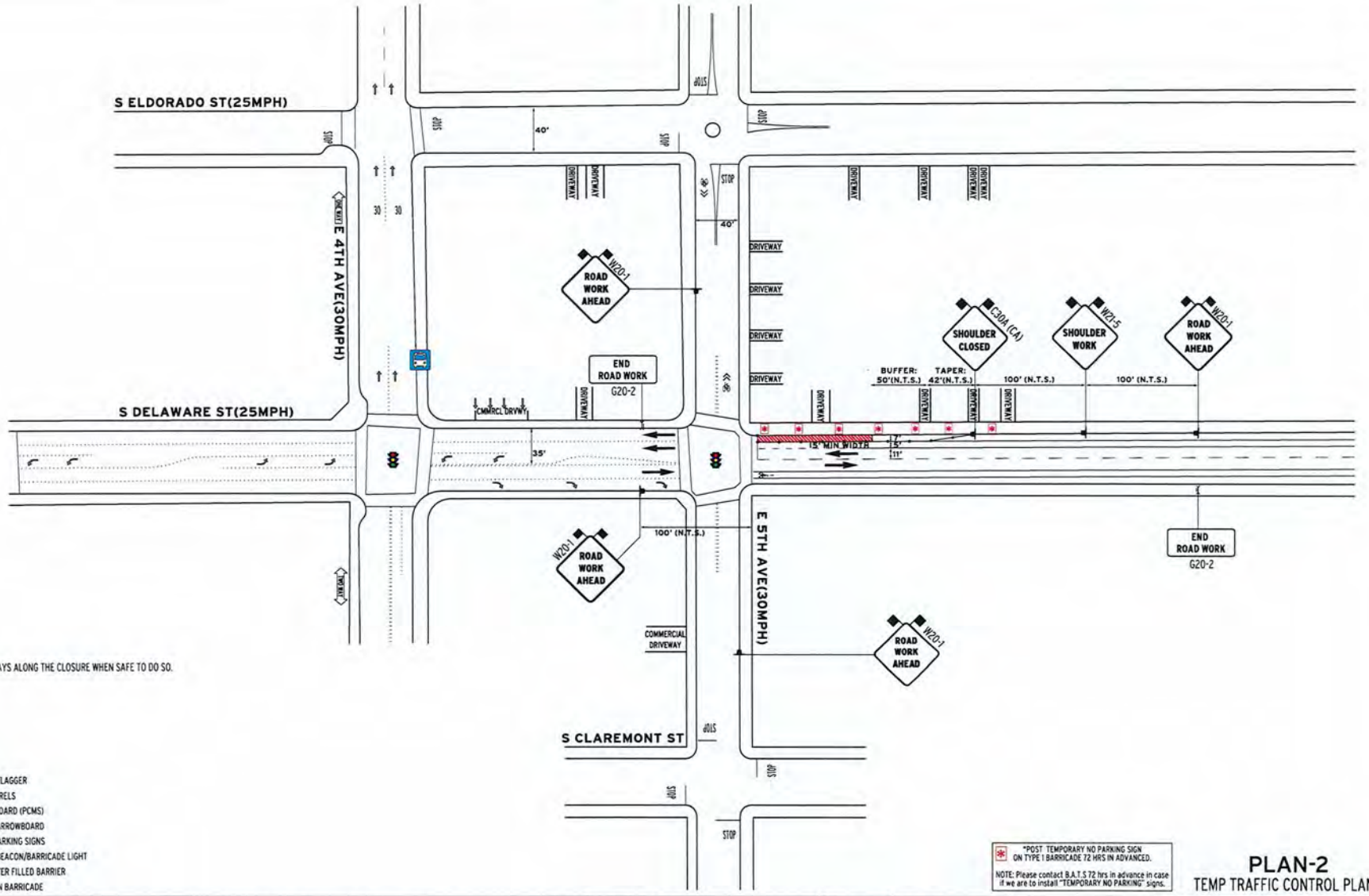
Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying



ADDITIONAL NOTES:
1.ASSIST RESIDENTS WITH IN/OUT ACCESS TO DRIVEWAYS ALONG THE CLOSURE WHEN SAFE TO DO SO.

LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE I BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-2
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance between sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MUTCD TABLE 6C-1 — MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) - 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) - 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19

DATE COMPLTD: 4-8-19

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB# 140256390 PHASE 0007

PAGE# 2/5

REQUEST BY:
LAYNE KORTBEIN
ANTEA GROUP
651-697-5117
LAYNE.KORTBEIN@ANTEAGROUP.COM

AFTER HOURS EMERGENCY 510-299-5666
Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM
B.A.T.S. TRAFFIC SOLUTIONS

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0781

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
400 BLOCK OF S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012292 FA0066033
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (5)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

App 6 of 6

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

SAN MATEO COUNTY ENVIRONMENTAL HEALTH
MAY 10 2019
RECEIVED

Environmental Health Services
Groundwater Protection Program
2000 Alameda de las Pulgas, Suite #100
San Mateo, CA 94403
Phone:(650) 372-6200 | Fax: (650) 627-8244
smchealth.org/gpp

SUBSURFACE DRILLING PERMIT APPLICATION

Allow three (3) full working days for processing a complete permit application which includes payment (one permit per parcel). Drilling start date & time must be scheduled with County staff at (650) 464-0047 or drilling@smcgov.org at least 2 full working days (i.e. 48 hours) in advance. Visit smchealth.org/ohfees for Groundwater Protection Program Fees

PURPOSE OF APPLICATION
☐ Groundwater Monitoring/Vapor Well Installation ☐ Construct Soil Borings (variance request if to be left open >24 hrs)
☒ Groundwater Monitoring/Vapor Well Destruction Extension of Permit #
No. of Wells 5 No. of Borings Well/Boring Names MW-8, 14B, 4, 19, 10R

PURPOSE OF DRILLING
☒ Environmental ☐ Geotechnical

LEAD AGENCY
☒ County GPP (permit approval is not to be considered work plan approval)
☐ RWQCB/DTSC/USEPA (Provide approval letter) ☐ None (i.e. voluntary)

SITE / DRILLING INFORMATION

Agency Case # 11069 Assessor's Parcel # (required) Right of Way, S Delaware St (one per permit)
Drilling Location Address: 400 block of S Delaware Street City: San Mateo Zip: 90808
To Be Constructed In: ☒ Public Property ☐ Private Property ☐ Refuse
Maximum Proposed Depth (wells/borings) 28.8 (feet) Drilling Method: Hollow Stem Auger
Boring Diameter: 8 inches Casing Diameter: 2 inches Filter Pack Interval: see table Screen Interval: see table
Destruction Method: ☐ Pressure Grouting (provide well construction logs and grout calcs)
(6 gallons water max/94 lb cement, up to 5% bentonite) ☒ Overdrilling (guide rods for total depth prior to starting required)

WELL/BORING OWNER

(Well/boring owner name or contact person should match signature)

Name: Antea Group Contact Person: Layne Kortbein
Address: 5910 Rice Creek Pkwy City, State, Zip: Shoreview, MN 55418
Telephone: 651-697-5117 Email: Layne.Kortbein@anteagroup.com

It is my responsibility to notify the County of any known changes in the purpose of this well/boring from that which is indicated on this application, to submit indication of annual usage of wells to the County, and to maintain the well in good condition. *(Letter signed by well/boring owner/contact person, containing above language and attesting to knowledge of all permit requirements and conditions, may be substituted for signature.)*
Well/Boring Owner's/Contact Person's Signature: Layne Kortbein Date: 4/30/19

PROPERTY OWNER

(Name as appears on assessor's roles should match signature)

Name: City of San Mateo Right of Way Contact Person: Keren Magallanes
Address: 330 West 20th Avenue City, State, Zip: San Mateo, CA 94403
Telephone: 650-522-7576 Email: kmagallanes@cityofsanmateo.org

I understand that a well/boring is being installed on my property. I agree to notify the County and Well Owner of any known damage or future access issues to the well *(Letter signed by property owner, containing above language, or encroachment permit may be substituted for signature)*
Property Owner's Signature: Date:

DRILLING COMPANY

Drilling Company: Gregg Drilling & Testing, Inc. Contact Person: Chris Pruner
Address: 950 Howe Road City, State, Zip: Martinez, CA 94553
Telephone: 925-313-5800 Email: cpruner@greggdrilling.com C57 Drillers License 1044456

I certify that the well/boring will be constructed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards, and that the license listed above is considered current and active by the Contractors State License Board.
Driller's Signature: Date: 4/29/19

CONSULTANT COMPANY

Consultant Company: Antea Group Project Manager: David Sisak
Address: 505 14th Street Suite 900 City, State, Zip: Oakland, CA 94612
Telephone: 510-588-8625 Email: David.Sisak@anteagroup.com
Field Contact & Cell # (if known): Layne Kortbein, 608-408-9954

I certify that this application is correct to the best of my knowledge and the well/boring will be constructed/destroyed in compliance with the conditions of this permit (see reverse), the San Mateo County Well Ordinance, and the State Water Well Standards. I understand that I am responsible for General Conditions E, F, K, and L of this permit and if I indicated the purpose of drilling is geotechnical, then no one will use the boring to collect any samples for environmental analyses. If there is a change in Responsible Professional, I will notify San Mateo County GPP staff.
Responsible Professional's Name (Please print legibly): Regina Bussard
Responsible Professional's Signature: Date: 5-2-19
California Professional Geologist (PG) No. 8288 or Civil Engineer (PE) No.

REV. 09/2010

FA660033

SUBSURFACE DRILLING PERMIT APPLICATION

REQUIREMENTS:

An accurate and correct map **must** be submitted with the application and include the following: north arrow, existing and historic site features, existing and proposed well/boring locations with ID's to scale, property lines and any other pertinent information. A work plan describing the drilling and construction/destruction methodology may be requested by County staff. A complete application with appropriate fees must be submitted 3 working days in advance of drilling and notification of start date and time must be provided at least 2 working days prior to drilling. The permit is subject to both General and Special Conditions stated below. A copy of the approved Subsurface Drilling Permit **must** be available on site while work related to the permit is being performed. **Drilling may begin at the notified date and time whether County staff is present or not.**

GENERAL CONDITIONS:

A. Field notification must be provided to GPP drilling inspection staff at least 2 full working days prior to the start of drilling. GPP Caseworker also must be notified if site is associated with a remedial action case.

B. Well and boring construction and destruction under this permit are subject to the Standards for the Construction of Wells in San Mateo County, County Groundwater Protection Program (GPP) Guidelines, Policies & Procedures, the State Water Well Standards, and any instructions by a Health Department representative.

C. Well/Boring Owner, Driller, and Responsible Professional assume responsibility for all activities and uses under the permit, including compliance with Workmen's Compensation Laws, and indemnify, defend and save the County of San Mateo, its officers, agents and employees, free and harmless from any and all expense, cost, or liability in connection with or resulting from work or stopped-work associated with the permit, including, but not limited to, property damage, personal injury, wrongful death, and loss of income.

D. All borings **must** be properly destroyed (grouted/sealed) within 24 hours of drilling, unless special conditions are approved beforehand in writing as part of this permit, and must be continuously protected and stabilized.

E. Analytical results of all soil, vapor, and groundwater samples collected during the execution of drilling under this permit **must** be submitted to County GPP staff by the Responsible Professional within 60 days of sample collection. If contamination is discovered during drilling, verbal notification to County GPP by the Responsible Professional is **required** within 72 hours of discovery. Proper storage, labeling & disposal of investigation-derived residual wastes are the responsibility of the consultant unless stated otherwise contractually.

F. Boring logs, well construction details, and finalized as-built location map for all borings/ wells (except geotechnical borings) signed by a Responsible Professional, **must** be submitted to County GPP by the Responsible Professional within 60 days of drilling/construction/destruction. DWR Form 188 must be filed with the State per water code 13752.

G. Permit is valid only for the purpose specified herein. No change in purpose or required procedures, as described on this permit application, in the associated workplan, or in the special conditions below, will be allowed except upon written permission from the County. Construction aspects can be changed based on conditions encountered in the field.

H. **Permit is valid for one mobilization** associated with originally permitted boring/well locations only, including contingency locations, and is automatically canceled if not exercised, or if an extension is not applied for and granted within 120 days of the original permit issuance date. Failure to notify staff of cancellation or delay in start time will result in the Consultant being billed an Inspection Cancellation fee if GPP staff attempted to perform an inspection. Fees are listed at smchealth.org/ehfees

I. Wells installed under this permit may not be used for domestic, municipal, agricultural, or irrigation water supply.

J. All work performed **must** conform to Business and Profession Codes and State Water Well Standards.

K. Top-of-casing elevation of all wells **must** be surveyed to the nearest 0.01-foot relative to Mean Sea Level or NAVD88 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate. Geotechnical wells are exempt from this requirement if a written variance from GPP is obtained prior to drilling.

L. Latitude and longitude of all wells **must** be surveyed with sub-meter accuracy relative to NAD83 and submitted to County GPP within 60 days of drilling, and to State GeoTracker as appropriate.

M. Violation of any requirement or general or special permit condition may result in an order by GPP staff to cease work under this permit, correct the violation, potentially re-permit the work as a new mobilization, and potential actions may be taken against the Well Owner, Property Owner, or Responsible Professional by GPP.

SPECIAL CONDITIONS: _____

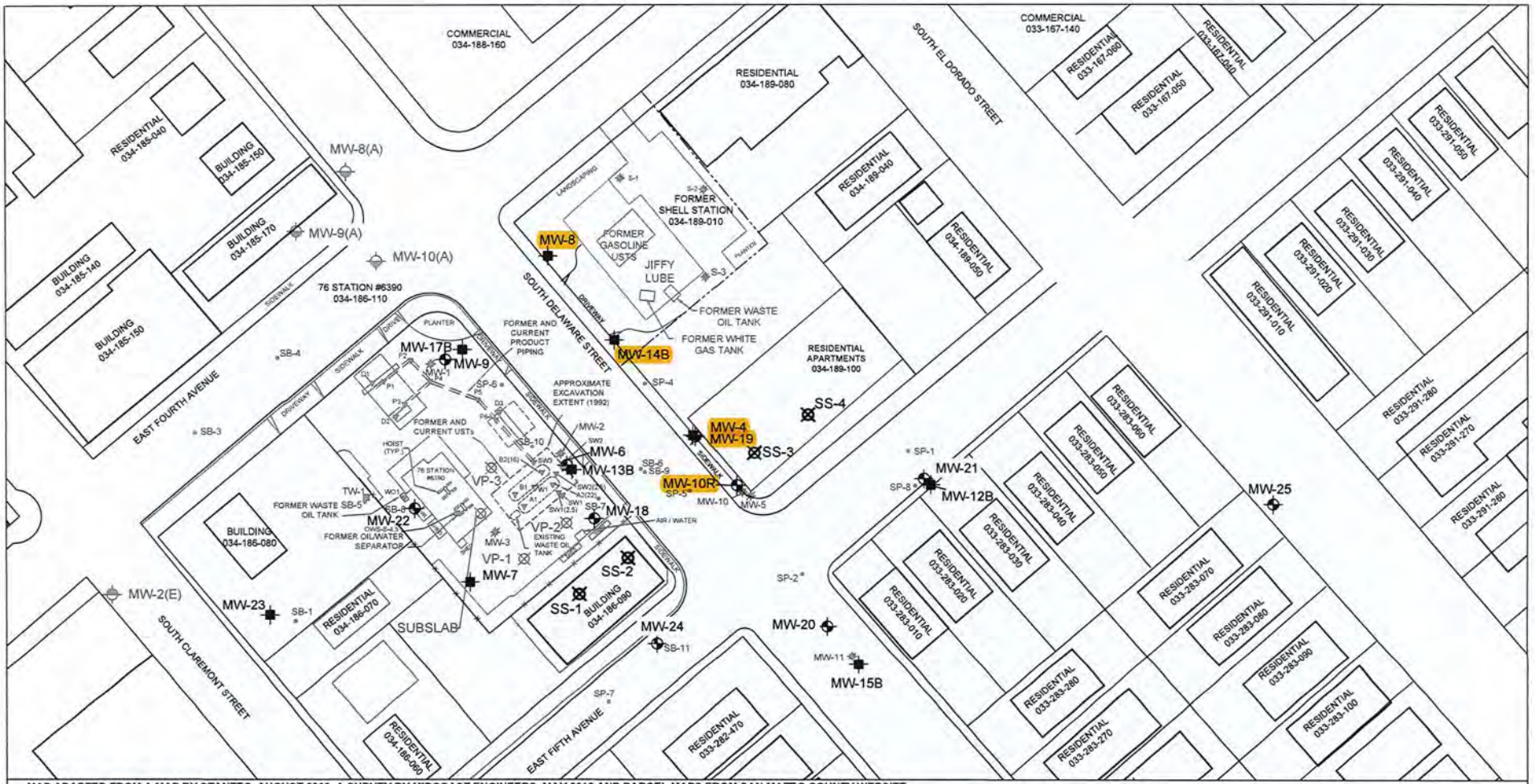
(agency use only) _____

_____

_____

For Agency Use Only:

County Approval: _____ KH FA # _____ Date: 5/13/19



MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- GROUNDWATER MONITORING WELL (ARCO STATION)
- GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft (76 STATION)
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

FIGURE 2
SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	TB	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
3/3/17	3/3/17	JF	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	E

TABLE 1
SOIL BORING AND MONITORING WELL CONSTRUCTION AND ABANDONMENT DETAILS
76 STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

antea group

1/28/2019

Boring/Well ID	Well/Boring Completion Date	TOC Elevation[1] (ft)	Borehole Depth (ft bgs)	Borehole Diameter (in)	Well Depth (ft)	Well Casing Diameter (in)	Well Casing Material	Well Screen Slot Size (in)	Well Screen Interval (ft bgs)	Cement Grout Seal Interval (ft bgs)	Bentonite Seal Interval (ft bgs)	Filter Pack Interval (ft bgs)	Comments
Soil Borings													
SP-1	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-2	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-3	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SP-4	2/14/1996	NA	13.0	NA	NA	NA	NA	NA	NA to NA	0.0 to 13.0	NA to NA	NA to NA	not logged, no soil samples collected
SP-5	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SP-6	12/14/2006	NA	28.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 28.0	NA to NA	NA to NA	
SP-7	12/15/2006	NA	34.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 34.0	NA to NA	NA to NA	
SP-8	12/15/2006	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-1	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-2	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	NA to NA	NA to NA	NA to NA	Boring not installed due to utility conflicts
SB-3	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-4	5/18/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-5	5/18/2011	NA	40.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 40.0	NA to NA	NA to NA	
SB-6	6/7/2011	NA	30.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-7	5/18/2011	NA	25.0	2.0	NA	NA	NA	NA	NA to NA	0.0 to 25.0	NA to NA	NA to NA	
SB-8	5/16/2012	NA	30.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 30.0	NA to NA	NA to NA	
SB-9	4/12/2012	NA	17.0	3.0	NA	NA	NA	NA	NA to NA	0.0 to 17.0	NA to NA	NA to NA	
SB-10	6/21/2013	NA	9.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 9.0	NA to NA	NA to NA	
SB-11	3/15/2013	NA	32.0	4.0	NA	NA	NA	NA	NA to NA	0.0 to 32.0	NA to NA	NA to NA	
TW-1	4/10/2012	NA	27.0	3.0	NA	1.0	PVC	NA	15, 22 to 20, 27	0.0 to 27.0	NA to NA	NA to NA	temporary monitoring well, destroyed
Monitoring Wells													
MW-1	5/25/1994	19.46	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-2	5/24/1994	19.11	30.0	8.5	30.0	2.0	PVC	0.010	10.0 to 30.0	0.0 to 6.0	6.0 to 8.0	8.0 to 30.0	(Well destroyed on 1/2/2007)
MW-3	5/25/1994	20.69	28.0	8.5	28.0	2.0	PVC	0.010	10.0 to 28.0	0.0 to 6.0	6.0 to 8.0	8.0 to 28.0	(Well destroyed on 1/2/2007)
MW-4	3/23/1995	19.01	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	
MW-5	3/23/1995	18.89	27.0	8.5	27.0	2.0	PVC	0.010	7.0 to 27.0	0.0 to 3.0	3.0 to 5.0	5.0 to 27.0	(Well destroyed on 1/2/2007)
MW-6	1/3/2007	19.08	20.0	8.0	19.0	2.0	PVC	0.020	13.0 to 19.0	0.0 to 10.0	10.0 to 12.0	12.0 to 19.5	
MW-7	1/2/2007	21.74	26.5	8.0	25.0	2.0	PVC	0.020	22.0 to 25.0	0.0 to 18.5	18.5 to 20.5	20.5 to 25.5	
MW-8	1/4/2007	18.42	30.0	8.0	30.0	2.0	PVC	0.020	17.0 to 30.0	0.0 to 13.0	13.0 to 15.0	15.0 to 30.0	
MW-9	1/3/2007	19.42	17.0	8.0	15.0	2.0	PVC	0.020	11.5 to 15.0	0.0 to 7.5	7.5 to 9.5	9.5 to 15.5	
MW-10	8/8/2008	19.17	17.5	8.0	13.5	2.0	PVC	0.020	6.0 to 13.5	0.5 to 3.0	3.0 to 5.0	5.0 to 14.0	Destroyed 4/11/2012
MW-10R	4/12/2012	19.11	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-11	8/8/2008	19.23	15.5	8.0	15.0	2.0	PVC	0.020	5.0 to 15.0	0.5 to 3.0	3.0 to 4.5	4.5 to 15.5	Destroyed 3/15/2013
MW-12B	8/8/2008	18.68	30.0	18 / 8	29.0	2.0	PVC	0.020	19.0 to 29.0	0.5 to 16.8	16.8 to 19.0	19.0 to 29.5	Conductor casing to 18.85'
MW-13B	8/6/2008	19.14	31.0	18 / 8	31.0	2.0	PVC	0.020	21.0 to 31.0	0.5 to 18.5	18.5 to 20.5	20.5 to 31.0	Conductor casing to 20.5'
MW-14B	8/7/2008	18.47	29.0	8.0	28.8	2.0	PVC	0.020	18.8 to 28.8	0.5 to 16.0	16.0 to 25.0	18.3 to 29.0	
MW-15B	8/7/2008	19.12	29.0	8.0	27.0	2.0	PVC	0.020	17.0 to 27.0	1.0 to 14.0	14.0 to 16.0	16.0 to 27.5	
MW-16B	NA	NA	NA	NA	NA	NA	NA	NA	NA to NA	0.0 to NA	NA to NA	NA to NA	Well not installed per Agency Request
MW-17B	6/7/2011	18.75	30.0	8.0	27.0	2.0	PVC	0.020	21.0 to 27.0	1.0 to 18.0	18.0 to 20.0	20.0 to 27.0	
MW-18	5/16/2012	19.61	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-19	4/11/2012	19.06	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-20	3/14/2013	19.01	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-21	3/14/2013	18.52	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-22	6/26/2013	20.86	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-23	6/29/2013	22.33	31.0	8.0	31.0	2.0	PVC	0.020	21.0 to 31.0	0.0 to 17.0	17.0 to 19.0	19.0 to 31.0	Upgradient PCE Monitoring
MW-24	6/25/2013	19.51	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
MW-25	1/16/2015	18.60	21.0	8.0	21.0	2.0	PVC	0.020	6.0 to 21.0	0.0 to 3.0	3.0 to 5.0	5.0 to 21.0	
Vapor Monitoring Points													
VP-1	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
VP-2	12/27/2006	NSVD	5.5	6.0	5.5	0.25	Tygon	NA	NA to NA	0.0 to 4.0	4.0 to 4.5	5.0 to 5.5	Vapor tip screen
VP-3	12/27/2006	NSVD	6.0	6.0	6.0	0.25	Tygon	NA	NA to NA	0.0 to 4.5	4.5 to 5.0	5.0 to 6.0	Vapor tip screen
SUBSLAB	12/27/2006	NSVD	0.5	1/4	0.5	0.125	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-1	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-2	8/19/2013	NSVD	0.5	5/8	0.5	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-3	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point
SS-4	8/19/2013	NSVD	1.0	5/8	1.0	0.25	SS	NA	NA to NA	NA to NA	NA to NA	NA to NA	Sub-slab vapor point

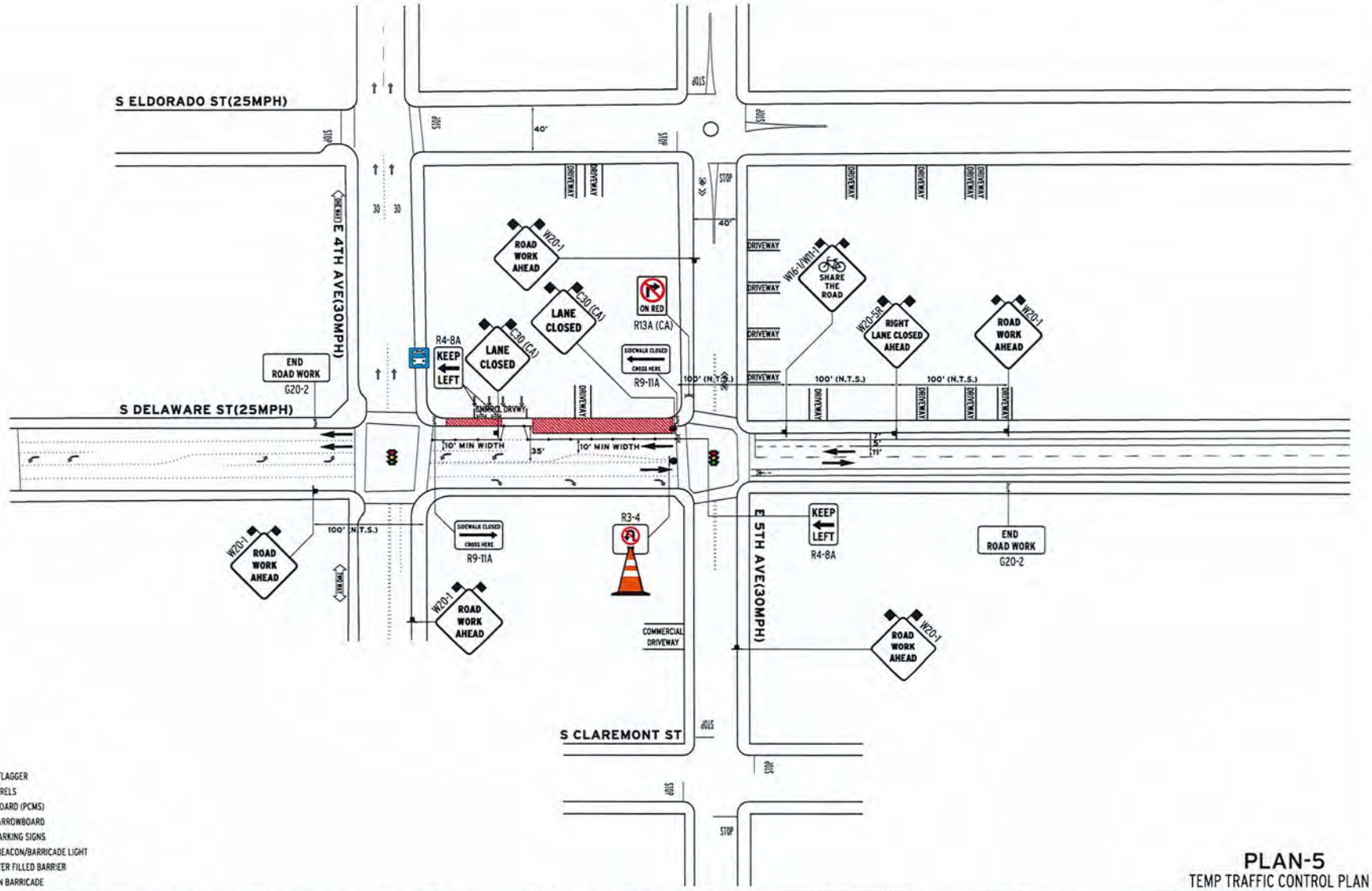
Notes:

ft = feet
in = inches
TOC = Top of Casing
NSVD = not surveyed
bgs = below ground surface
NA = not applicable

Shallow Zone wells - screened interval mostly in the upper 20 feet below grade
Deep Zone wells - screened interval mostly between 20 and 30 feet below grade
SS = stainless steel
PVC = polyvinyl chloride

[1] = TOC Elevations were surveyed to the North American Vertical Datum of 1988 (NAVD 88) on the following dates:

MW-1 through MW-5 -- August 13, 2005 by Morrow Surveying
MW-6 through MW-9 -- January 16, 2007 by Morrow Surveying
MW-10 through MW-15B -- August 18, 2008 by Mid Coast Engineers
MW-17B - June 6, 2011 by Mid Coast Engineers
MW-10R, MW-18, MW-19 - May 25, 2012 by Mid Coast Engineers
MW-20 and MW-21 - May 16, 2013 by Morrow Surveying
MW-22, MW-23 and MW-24 - July 1, 2013 by Morrow Surveying



LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

PLAN-5
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance between sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS — MUTCD TABLE 6C-1

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) - 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) - 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQ'D: 4-3-19

DATE COMPL'D: 4-8-19

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB#: 140256390 PHASE 0007

PAGE#: 5/5

REQUEST BY:
LAYNE KORTBEIN
ANTEA GROUP
651-697-5117
LAYNE.KORTBEIN@ANTEAGROUP.COM

AFTER HOURS EMERGENCY 510-299-5666

Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM

B.A.T.S. TRAFFIC SOLUTIONS

Appendix D – Encroachment Permit

CITY OF SAN MATEO **PUBLIC WORKS DEPARTMENT** **330 West 20th Avenue** **San Mateo, CA 94403** **650 522-7300 office** **650 522-7301 fax** ***ENCROACHMENT PERMIT RIDER***	Original Permit #: 4819 Site Address: 402 S Delaware Rider #: 13 Insurance Reviewed By: jd Limit OK? yes Date Expires: 10/1/19

TO: _Antea Group _____ **DATE: ___05/15/19_____**

_505 14th St_____

_Oakland, CA 94612_____ Permittee

In compliance with (☒your ☐ our) request, the City of San Mateo, Public Works Department is hereby amending the above-referenced encroachment permit as follows:

Destroy 11 groundwater monitoring wells per attached site map. Traffic control per CAMUTCD standards and approved attached traffic control plan. Contractor must notify PW Inspections 650/522-7522 xt 6900, Police 650/522-7700, Fire 650/522-7940, and County Communications 650/363-4914, at least 72 hours prior to traffic control. Refund upon submittal of test results and inspection of proper back-fill. On-site contact Layne Kortbein 608 408-9954.

Permit Expiration Date extended to: ☒ 06/28/19
☐ No Change

Except as amended, all other terms and provisions of the original permit shall remain in effect.

Approved: Jimmy Vo, Construction Manager	
By: **JD**	Date: **5/15/19**

cc: Construction Inspector
Permit file

CITY OF SAN MATEO - DEPARTMENT OF PUBLIC WORKS
ENCROACHMENT PERMIT APPLICATION

Required for all activities in the public right-of-way (ROW) or public easement (S.M.M.C. 17.08)

COMPANY: Antea Group	CONTRACTOR'S LICENSE NO: 548062
ADDRESS: 505 14th Street	SAN MATEO BUSINESS LICENSE NO: BT-2019-108497
CITY: Oakland, CA ZIP: 94612	TELEPHONE: 651-697-5117
EMAIL ADRESS: Layne.Kortbein@anteagroup.com	

I/We hereby apply for an encroachment permit to perform the following work in accordance with the City of San Mateo Municipal Code Chapter 17.08: E 5th Ave & Eldorado St.

1. Project Address: 402 S. Delaware Street 2. Property Owner: Platinum Energy
3. Describe work requested in the right-of-way: Destroy eleven monitoring wells as part of low-risk site closure per San Mateo County Groundwater Protection Program request.
4. On site contact name and cell phone number: Layne Kortbein - 608-408-9954
5. Proposed Start Date: June 3, 2019 Estimated Completion Date: June 28, 2019
6. Project related to current building permit? No ☒ Yes ☐ If yes, building permit number: _____
7. List any other work at site: Street, sidewalk, curb and gutter restoration per City Standards.
8. Project related to dock installation? No ☒ Yes ☐ If yes, DOCK#: _____
9. Project related to planning application? No ☒ Yes ☐ If yes, PA #: _____
10. Drawing of proposed work attached? No ☐ Yes ☒

**I/We agree to defend and indemnify the City, its officers, employees, and agents against, and will hold and save them and each of them harmless from any and all actions, claims, damages to persons or properties, penalties, obligations, and liabilities that may be asserted by any person arising out of the negligent or intentionally tortious acts, negligent errors, or omissions of mine/ours, my/our officers, agents, employees, contractors, subcontractors, or invitees related to the work described in this application. I/We attest that the above information is true to the best of my knowledge.*

Layne Kortbein — 04/10/2019

Applicant Signature — Date

(For office use only)

Certificate of Insurance on File? Yes ☐ No ☐ Is Insurance Site or Project Specific? Yes ☐ No ☐

Insurance Expiration Date: 10/1/19 Insurance reviewed by: _____

Permit Fee: $ 372.00 Permit Security Deposit: $ see original permit 4819

(Attach fee calculation sheet, if applicable) Check ☐ Letter of Credit ☐ Credit Card ☐ Cash ☐ Performance Bond ☐ C.D. ☐

Photocopy of payment/City receipt attached to this form? Yes ☐ No ☐

RECEIVED
By jdulik at 11:50 am, Apr 10, 2019

Refund of security deposit will be mailed to "Applicant" above, unless otherwise noted: _____

Miscellaneous notes: This will be Rider #13 to EP 4819. See notes as approved.

Reviewed and approved by Public Works staff:		Reviewed and approved by Building/Planning staff, if applicable:	
Name: APPROVED By kmagallanes at 10:50 am, May 14, 2019	Date:	Name:	Date:

Q:\pw\PWENG\A_FORMS\ENCRHAPP.DOC

APPROVED
By Ryan Brunmeier at 2:00 pm, May 15, 2019

Rev. 07/09

City of San Mateo Conditions:

NOTICING

- Notify affected property owners at a minimum of 5 BUSINESS DAYS prior to work describing work schedule with dates and provide on-site project manager and cell phone number prior to commencing work.
- Notices shall also be distributed, at a minimum, to affected addresses within a one block radius in all directions. Notice shall be sent to Downtown San Mateo Business Association.
- In the event that the work impedes pedestrian traffic to a business, notifications shall be presented IN PERSON to affected business owners or management. Applicant shall address and/or mitigate any concerns the businesses raise to the satisfaction of the business owner.

– Heavy equipment and vehicles shall be kept on paved surfaces at all times and not onto landscaped areas/islands/medians.
– Contractor/Applicant shall locate and protect and shall not damage existing utilities, street trees, heritage trees and tree roots.
– Any work on private property requires property owner approval/right of entry. This permit does not authorize work on private property.
– Landscaping restoration to existing or better conditions.
– Do not disturb tree roots greater than 1" in diameter. If tree root disturbance is necessary, contact City Arborist at (650) 522-7420.
– Parking striping to be restored to existing or better conditions.
– Lane closure on Delaware shall be allowed 9am-3:30pm.

Watch out for City Sewer and Storm Mains

MAP ADAPTED FROM A MAP BY STANTEC, AUGUST 2008, A SURVEY BY MIDCOAST ENGINEERS, MAY 2012 AND PARCEL MAPS FROM SAN MATEO COUNTY WEBSITE.

EXPLANATION

- GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH ≤ 21 ft. (76 STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ARCO STATION)
- SHALLOW GROUNDWATER MONITORING WELL (ENDO AUTOMOTIVE)
- DEEP GROUNDWATER MONITORING WELL MAXIMUM SCREEN DEPTH > 21 ft
- DESTROYED GROUNDWATER MONITORING WELL S = SHELL WELL
- SOIL BORING
- SAMPLE POINT LOCATION
- WATER SAMPLE POINT LOCATION
- SOIL VAPOR SAMPLING POINT
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE EXTENT OF THE 1992 PRODUCT PIPING TRENCH

N

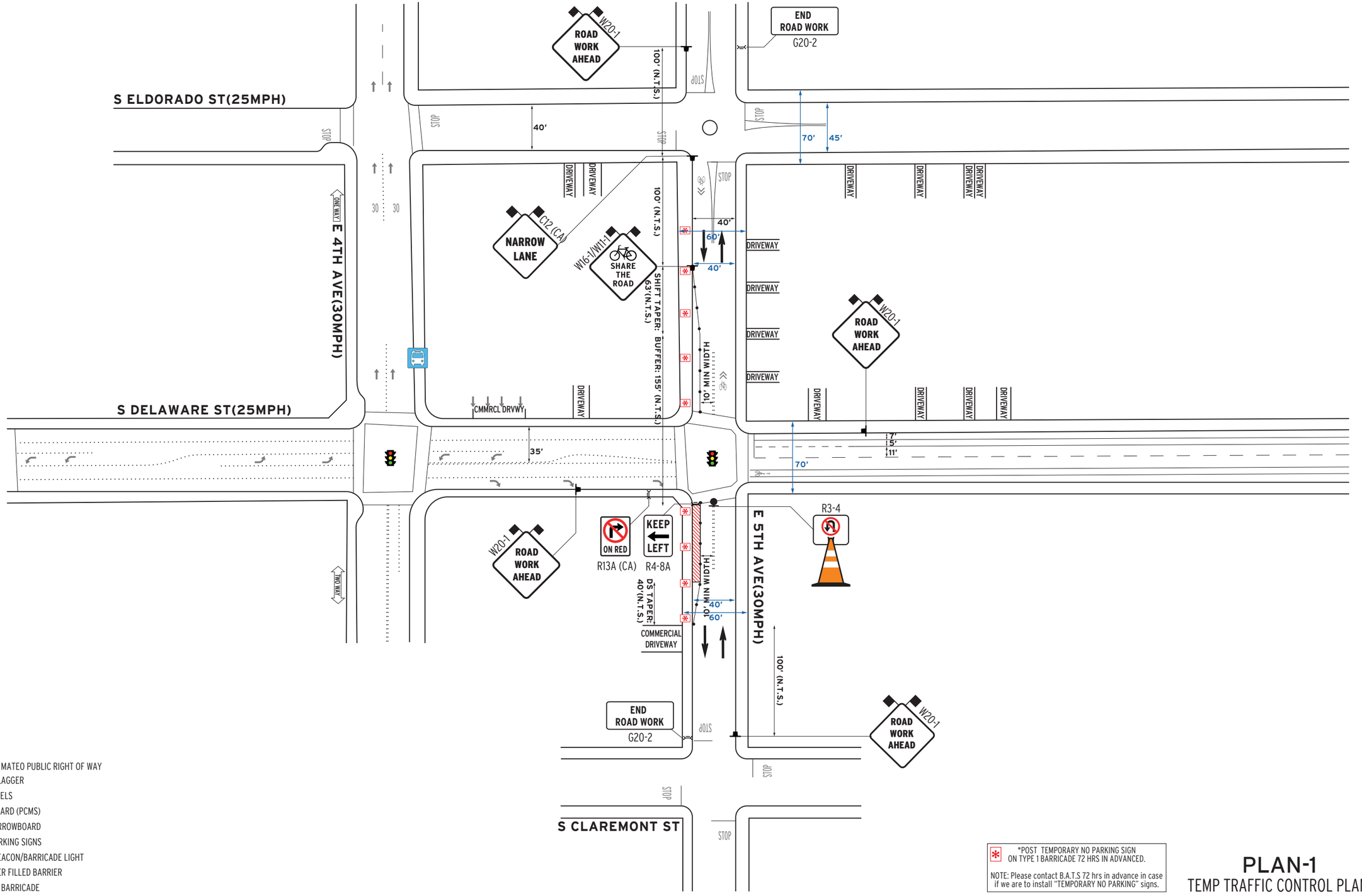
0 60'

SCALE

FIGURE 2A
EXTENDED SITE PLAN

76 SERVICE STATION NO. 6390
402 SOUTH DELAWARE STREET
SAN MATEO, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY	
140256390	LK	JH	
BASEMAP DATE	MAP DATE	REVIEWED BY	antea group
5/1/19	5/1/19	RB	
PROJ. MGR.	IN REPORT	FILE NAME	REVISION
BP	CLOSURE REPORT	6390-ExtS100	F



LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CITY OF SAN MATEO PUBLIC RIGHT OF WAY
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-1
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or - backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MUTCD TABLE 6C-1

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) + 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) + 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19

DATE COMPLTD: 4-23-19 REV 1

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB# I40256390 PHASE 0007

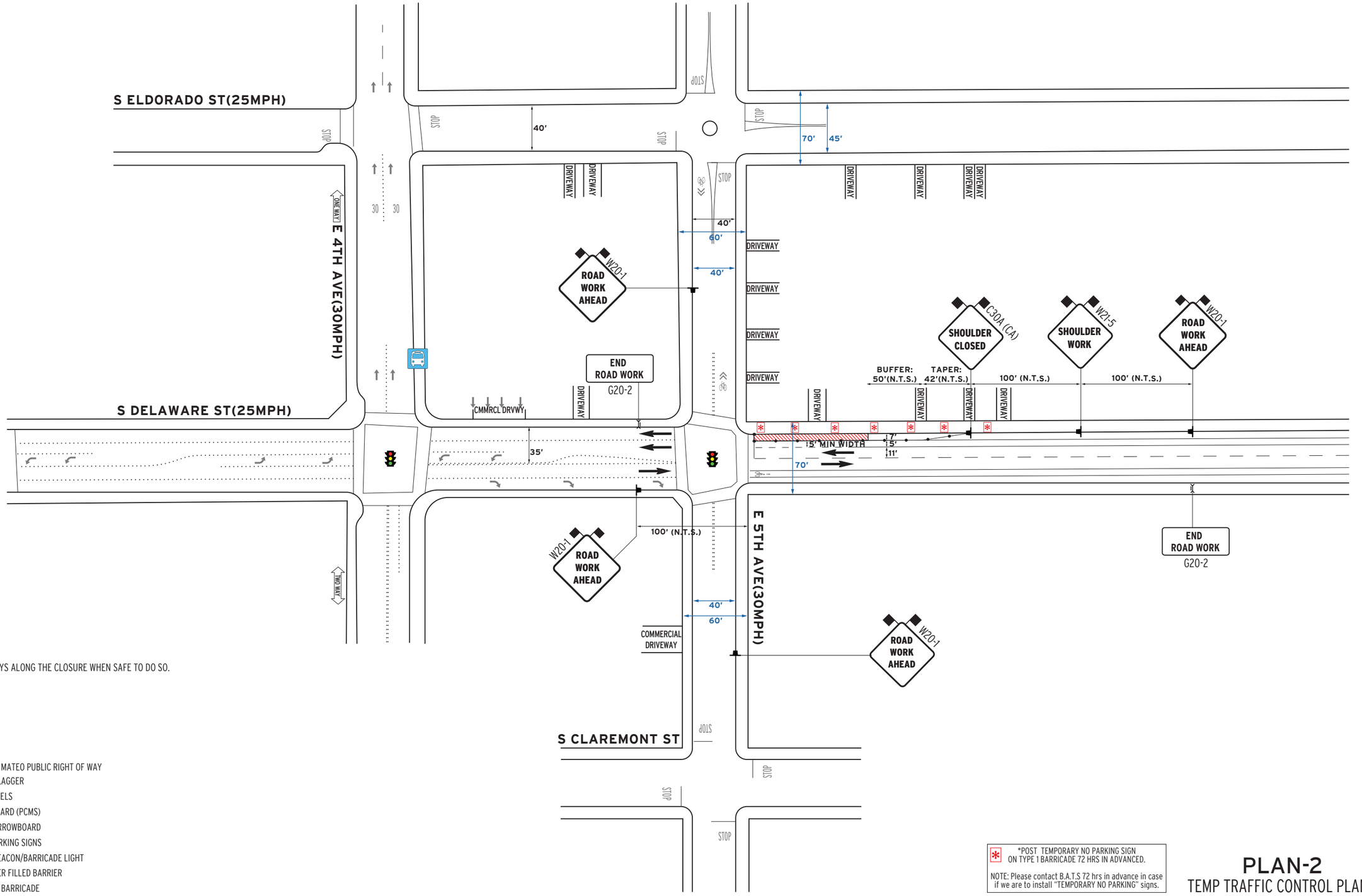
PAGE# 1/5

REQUEST BY:
LAYNE KORTBEIN
ANTEA GROUP
651-697-5117
LAYNE.KORTBEIN@ANTEAGROUP.COM

AFTER HOURS EMERGENCY 510-299-5666

Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM

B.A.T.S. TRAFFIC SOLUTIONS



ADDITIONAL NOTES:
1.ASSIST RESIDENTS WITH IN/OUT ACCESS TO DRIVEWAYS ALONG THE CLOSURE WHEN SAFE TO DO SO.

LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CITY OF SAN MATEO PUBLIC RIGHT OF WAY
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-2
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance between sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or - backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MUTCD TABLE 6C-1 — MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) + 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) + 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19
DATE COMPLTD: 4-23-19 REV 1

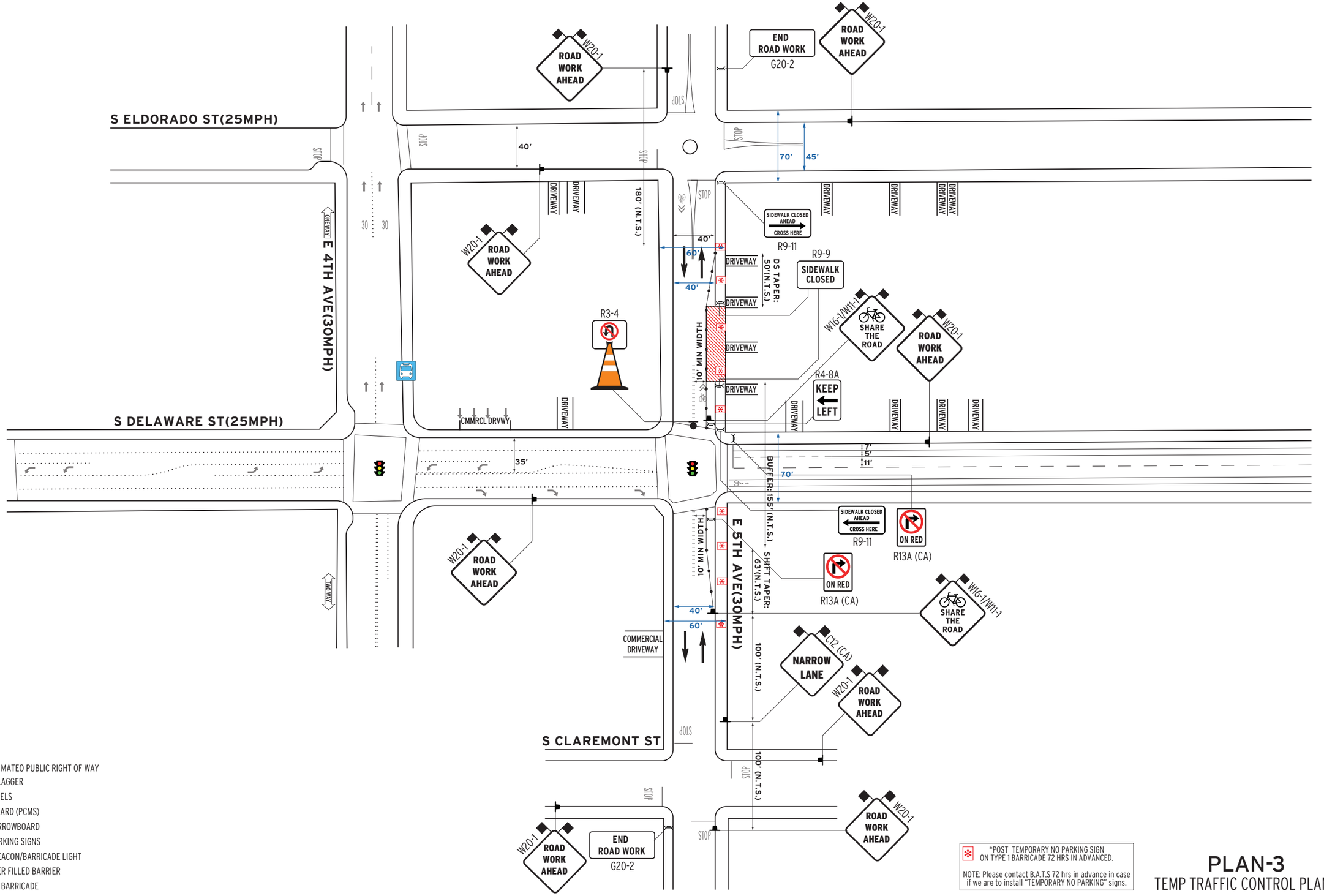
PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB# I40256390 PHASE 0007

PAGE# 2/5

REQUEST BY:
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LAYNE.KORTBEIN@ANTEAGROUP.COM

B.A.T.S
AFTER HOURS EMERGENCY 510-299-5666
Drawn By: Andie Tonnu
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Fax: 510-657-2544
44800 Industrial Drive Fremont, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM
B.A.T.S. TRAFFIC SOLUTIONS



LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CITY OF SAN MATEO PUBLIC RIGHT OF WAY
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-3
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
- All advanced warning signs shall be equipped with 2 (18" orange flags)
- Certified Traffic Control Workers shall have Type II vests, work shoes, and hard hats.
- Temporary no parking signs shall be placed a min of 72 hrs prior of work.
- Driveways shall be monitored and maintained at all times during work hours.
- Distance sign and work area will be determined on speed limit.
- Roadway shall not be opened until safe for public use. All open trenches must be plated or - backfilled prior to public usage.
- All Devices shall be removed when no longer required.

MUTCD TABLE 6C-1 — MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) + 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) + 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19

DATE COMPLTD: 4-23-19 REV 1

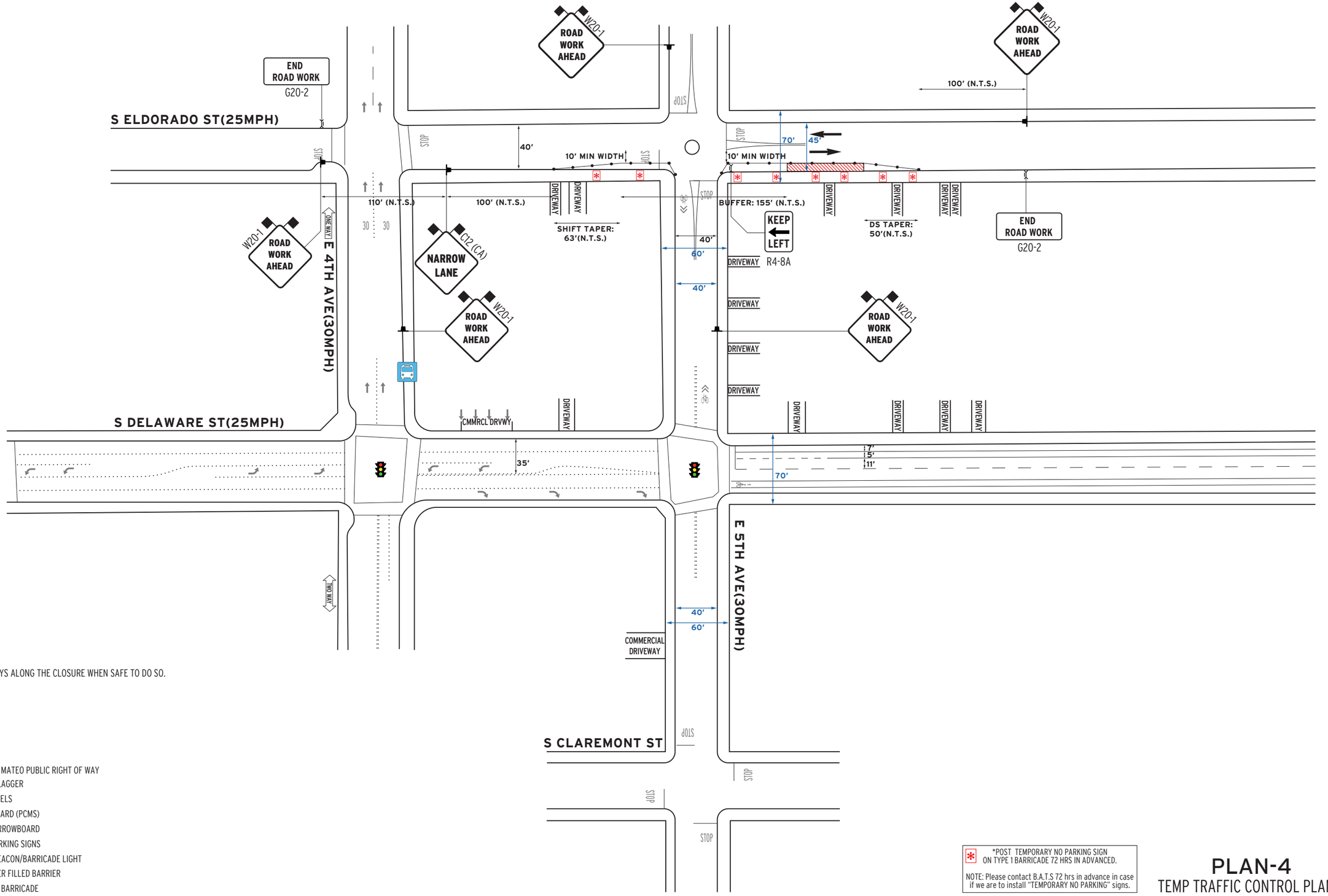
PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB# I40256390 PHASE 0007

PAGE# 3/5

REQUEST BY:
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LAYNE.KORTBEIN@ANTEAGROUP.COM

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WWW.BATSTRAFFICSOLUTIONS.COM
Drawn By: Andie Tonnu
CSLB# 917034
Office: 510-657-2543
Fax: 510-657-2544



ADDITIONAL NOTES:
1.ASSIST RESIDENTS WITH IN/OUT ACCESS TO DRIVEWAYS ALONG THE CLOSURE WHEN SAFE TO DO SO.

LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
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- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

*POST TEMPORARY NO PARKING SIGN ON TYPE 1 BARRICADE 72 HRS IN ADVANCED.

NOTE: Please contact B.A.T.S 72 hrs in advance in case if we are to install "TEMPORARY NO PARKING" signs.

PLAN-4
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
- One lane of traffic in each direction and all high volume turning lanes shall be maintained at all times on all streets at a minimum lane width of 10 feet.
- Contractor shall notify local authorities once signs are posted.
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- All Devices shall be removed when no longer required.

MUTCD TABLE 6C-1 — MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
Urban (Low Speed) - 25 mph or less	100 ft	100 ft	100 ft
Urban (Low Speed) + 25 to 40 mph	250 ft	250 ft	250 ft
Urban (High Speed) + 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19
DATE COMPLTD: 4-23-19 REV 1

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

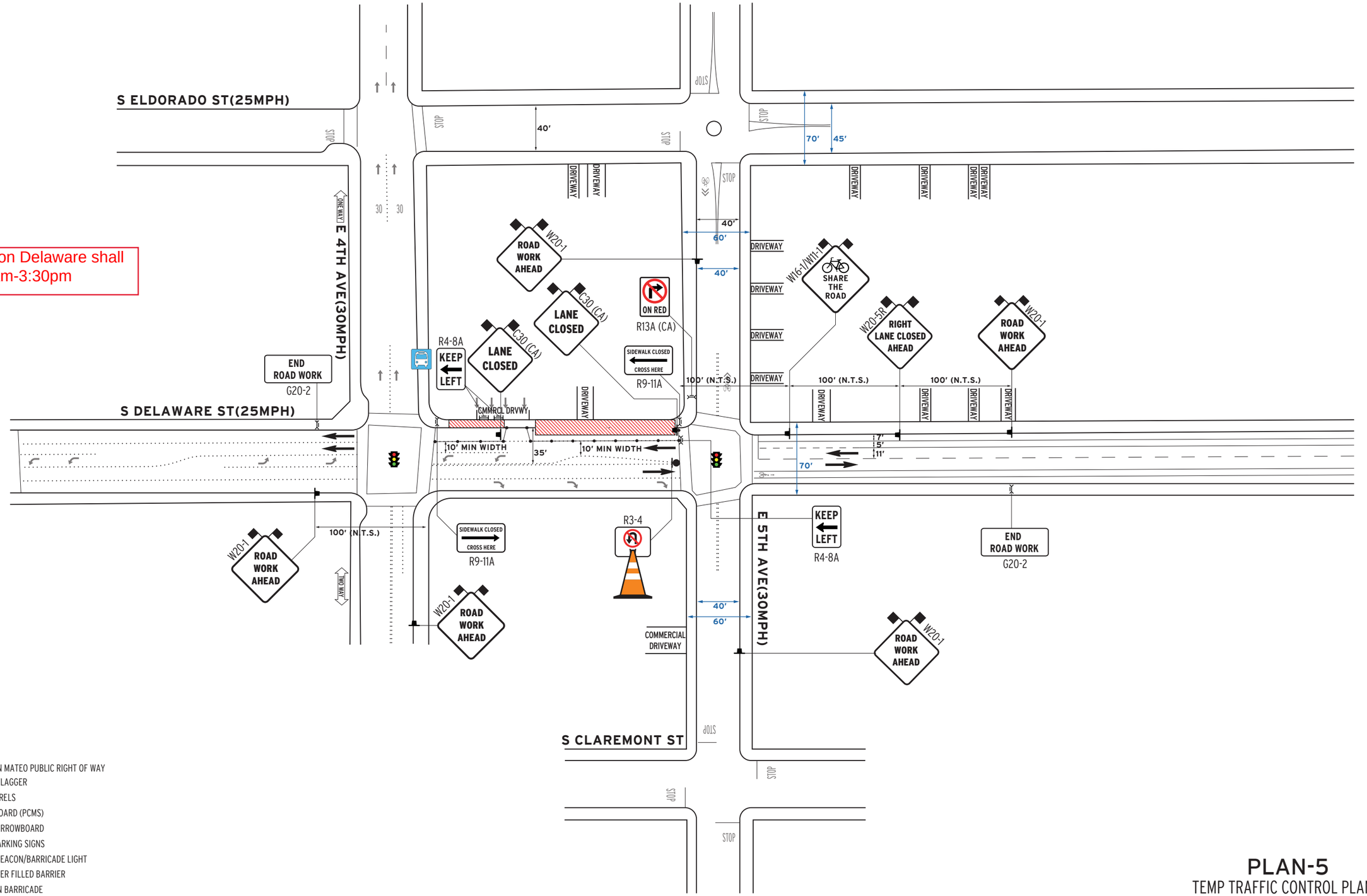
JOB# I40256390 PHASE 0007

PAGE# 4/5

REQUEST BY:
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B.A.T.S. TRAFFIC SOLUTIONS

Lane closure on Delaware shall be allowed 9am-3:30pm



LEGEND:

- CHANNELIZING DEVICE
- TRAFFIC CONE W/CLIP ON SIGN
- SIGN
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE 1 BARRICADE
- TYPE 1 BARRICADE W/SIGN
- TYPE 3 BARRICADE
- TYPE 3 BARRICADE W/SIGN
- CITY OF SAN MATEO PUBLIC RIGHT OF WAY
- CERTIFIED FLAGGER
- CRASH BARRELS
- MESSAGE BOARD (PCMS)
- FLASHING ARROWBOARD
- TEMP NO PARKING SIGNS
- FLASHING BEACON/BARRICADE LIGHT
- K-RAIL/WATER FILLED BARRIER
- PEDESTRIAN BARRICADE

PLAN-5
TEMP TRAFFIC CONTROL PLAN

NOTES

- Traffic control shall conform with the most current CAMUTCD part 6 and/or Caltrans Standards
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MUTCD TABLE 6C-1

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
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Urban (High Speed) + 40 mph	350 ft	350 ft	350 ft
Rural	500 ft	500 ft	500 ft
Expressway / Freeway	1,000 ft	1,500 ft	2,640 ft

COMPASS:

SCALE: NOT TO SCALE

DATE REQSTD: 4-3-19

DATE COMPLTD: 4-23-19 REV 1

PROJECT LOCATION: 402 SOUTH DELAWARE ST SAN MATEO

JOB# I40256390 PHASE 0007

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B.A.T.S. TRAFFIC SOLUTIONS

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0780

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK OF S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012291 FA0066032
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (2)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0781

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
400 BLOCK OF S DELAWARE ST, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012292 FA0066033
NO APN LISTED
AMOUNT PAID: 0.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (5)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0779

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK OF S ELDORADO ST, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012290 FA0066031
NO APN LISTED
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0778

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
500 BLOCK OF E 5TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012289 FA0066030
NO APN LISTED
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (1)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON

ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

ORDINANCE: 04023

SAN MATEO COUNTY HEALTH
ENVIRONMENTAL HEALTH SERVICES

Permit 19-0777

P/E: 2010 MONITORING WELLS - INSTALLATION/DESTRUCTION

FACILITY:
600 BLOCK OF E 5TH AVE, SAN MATEO

OWNER:
ANTEA GROUP
5910 RICE CREEK WAY
SHOREVIEW

WP0012288 FA0066029
NO APN LISTED
AMOUNT PAID: 747.00

CONTRACTOR:
GREGG DRILLING & TESTING

TERMS & CONDITIONS:

MONITORING/VAPOR WELL DESTRUCTION (2)
CONSULTANT: ANTEA GROUP
PROJECT MGR: DAVID SISAK

KIAN ATKINSON
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 5/14/2019

EXPIRATION DATE: 9/14/2019

THIS CERTIFICATE IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/08/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis Towers Watson Midwest, Inc. fka Willis of Minnesota, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	**CONTACT NAME:** **PHONE (A/C, No, Ext):** 1-877-945-7378 **FAX (A/C, No):** 1-888-467-2378 **E-MAIL ADDRESS:** certificates@willis.com
INSURED Antea USA, Inc. 5910 Rice Creek Parkway, Suite 100 Shoreview, MN 55126	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** INSURER A : Greenwich Insurance Company — 22322 INSURER B : XL Insurance America Inc — 24554 INSURER C : XL Specialty Insurance Company — 37885 INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** W10861319 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:	Y	Y	GEC003885506	10/01/2018	10/01/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 500,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY	Y	Y	AEC003885706	10/01/2018	10/01/2019	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
C	[X] UMBRELLA LIAB [X] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [X] RETENTION $ 10,000			UEC003885606	10/01/2018	10/01/2019	EACH OCCURRENCE AGGREGATE	$ 1,000,000 $ 1,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: No (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	Y	WEC003886106	10/01/2018	10/01/2019	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Encroachment Permit for drilling in the right-of-way

The City, its elected and appointed officials, employees, and agents are included as Additional Insureds as respects to General Liability and Auto Liability as/when required by written contract.

The insurance as is afforded to Additional Insureds shall be Primary and Non-Contributory with any other insurance

CERTIFICATE HOLDER

City of San Mateo
Public Works Department
402 South Delaware Street
San Mateo, CA 94401

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Kat A. Hoover

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AGENCY CUSTOMER ID: _____

LOC #: _____

ADDITIONAL REMARKS SCHEDULE

AGENCY		NAMED INSURED
Willis Towers Watson Midwest, Inc. fka Willis of Minnesota, Inc.		Antea USA, Inc. 5910 Rice Creek Parkway, Suite 100 Shoreview, MN 55126
POLICY NUMBER See Page 1		
CARRIER See Page 1	NAIC CODE See Page 1	EFFECTIVE DATE: See Page 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

available to Additional Insureds if required by written contract.

Waiver of Subrogation applies in favor of The City with regards to General Liability, Auto Liability and Workers Compensation where/as required by written contract and as permitted by law.

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SR ID: 17788527 BATCH: 1146695 CERT: W10861319

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
As REQUIRED BY WRITTEN CONTRACT OR AGREEMENTANY PERSON OR ORGANIZATION THAT YOU ARE REQUIRED IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT TO INCLUDE AS AN ADDITIONAL INSURED PROVIDED THE "BODILY INJURY" OR "PROPERTY DAMAGE" OCCURS SUBSUQUENT TO THE EXECUTION OF THE WRITTEN CONTRACT OR WRITTEN AGREEMENT	**VARIOUS**
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and

2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
ANY PERSON OR ORGANIZATION THAT YOU ARE REQUIRED IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT TO INCLUDE AS AN ADDITIONAL INSURED PROVIDED THE "BODILY INJURY" OR "PROPERTY DAMAGE" OCCURS SUBSUQUENT TO THE EXECUTION OF THE WRITTEN CONTRACT OR WRITTEN AGREEMENT	**VARIOUS**
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or

2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and

2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or

© Insurance Services Office, Inc., 2012

2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

© Insurance Services Office, Inc., 2012

ENDORSEMENT

This endorsement, effective 12:01 a.m., 10/01/2018 forms a part of

Policy No. AEC003885706 issued to ANTEA USA, INC.

by XL Insurance America Inc

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION NOTIFICATION TO OTHERS ENDORSEMENT

In the event coverage is cancelled for any statutorily permitted reason, other than nonpayment of premium, advanced written notice will be mailed or delivered to person(s) or entity(ies) according to the notification schedule shown below:

Name of Person(s) or Entity(ies)	Mailing Address:	Number of Days Advanced Notice of Cancellation:
Any Person(s) or Entity(ies) requiring by written contract that the Named Insured provide advanced written notice of cancellation. The Person or Entity must be listed on a spreadsheet from the broker that includes the name, contact, and a valid mailing address. This spreadsheet must be received by the Company within five days of the Company's request to the broker. Otherwise, the Company will bear no liability or responsibility for such advanced written notice of cancellation.		30 days

All other terms and conditions of the Policy remain unchanged.

IXI 405 0910

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ENDORSEMENT

This endorsement, effective 12:01 a.m., 10/01/2018 forms a part of

Policy No. GEC003885506 issued to ANTEA USA, INC.

by Greenwich Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION NOTIFICATION TO OTHERS ENDORSEMENT

In the event coverage is cancelled for any statutorily permitted reason, other than nonpayment of premium, advanced written notice will be mailed or delivered to person(s) or entity(ies) according to the notification schedule shown below:

Name of Person(s) or Entity(ies)	Mailing Address:	Number of Days Advanced Notice of Cancellation:
Any Person(s) or Entity(ies) requiring by written contract that the Named Insured provide advanced written notice of cancellation. The Person or Entity must be listed on a spreadsheet from the broker that includes the name, contact, and a valid mailing address. This spreadsheet must be received by the Company within five days of the Company's request to the broker. Otherwise, the Company will bear no liability or responsibility for such advanced written notice of cancellation.		30 days

All other terms and conditions of the Policy remain unchanged.

IXI 405 0910

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ENDORSEMENT

This endorsement, effective 12:01 a.m., 10/01/2018 forms a part of Policy No. UEC003885606 issued to ANTEA USA, INC. by XL Specialty Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION NOTIFICATION TO OTHERS ENDORSEMENT

In the event coverage is cancelled for any statutorily permitted reason, other than nonpayment of premium, advanced written notice will be mailed or delivered to person(s) or entity(ies) according to the notification schedule shown below:

Name of Person(s) or Entity(ies)	Mailing Address:	Number of Days Advanced Notice of Cancellation:
Any person(s) or entity(ies) requiring by written contract that the Named Insured provide advanced written notice of cancellation. The person or entity must be listed on a spreadsheet from the broker that includes the person's or entity's name and a valid mailing address. This spreadsheet must be received by the company within five days of the company's request to the broker. Otherwise, the company will bear no liability or responsibility for such advanced written notice of cancellation.		30

All other terms and conditions of the Policy remain unchanged.

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ENDORSEMENT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CANCELLATION NOTIFICATION TO OTHERS ENDORSEMENT

This endorsement modifies insurance provided under the following:

WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE POLICY

In the event coverage is cancelled for any statutorily permitted reason, other than nonpayment of premium, advanced written notice will be mailed or delivered to person(s) or entity(ies) according to the notification schedule shown below:

Name of Person(s) or Entity(ies)	Mailing Address:	Number of Days Advanced Notice of Cancellation:
Any Person(s) or Entity(ies) requiring by written contract that the Named Insured provide advanced written notice of cancellation. The Person or Entity must be listed on a spreadsheet from the broker that includes the name, contact, and a valid mailing address. This spreadsheet must be received by the Company within five days of the Company's request to the broker. Otherwise, the Company will bear no liability or responsibility for such advanced written notice of cancellation.		30 days

All other terms and conditions of the Policy remain unchanged.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2018 Policy No. WEC003886106 Endorsement No.

Insured ANTEA USA, INC. Premium

Insurance Company
Greenwich Insurance Company Countersigned by _____

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May not be copied without permission.

Appendix E – Driller's Field Sheets

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-10-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak

GDT JOB NUMBER	D2150027
JOB START DATE	6/3/2019
JOB END DATE	6/12/2019
START TIME	7:00AM
EQUIPMENT	S70/S142
DRILLER/STAFF	Lu
HELPER	Dan

ITEM	UNITS	QUANTITY
RIG NO./TYPE S70/Mobile Rig	HOUR	3
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	
PER DIEM	MAN/NGT	1.5/2
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	
WATER TRUCK TENDER	DAY	
SERVICE TRUCK	DAY	
LIFTGATE TRUCK	DAY	1
CONST./HAND AUGER CREW (2 men)	HOUR	5.5
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
1	6'6"	clear to Sightline	
2	5'6"	VP wells	

Time Leave Yard: 5:30 Time Arrive Site: 7:00

Time Return Yard: 5:30 Time Leave Site: 3:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

EQUIPMENT DAMAGE:

WE CAN ASSUME NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES. In the event of adverse and/or hazardous drilling conditions, client will be informed if rate changes and/or responsibility for replacement of lost of damaged equipment. Minimum call out $1200. Also applicable to cancellations within 24 hrs. of scheduled start.

USA Clearance No.

ITEMS	UNITS	QUANTITY
SEISMIC CPT (Interval Test)	TEST	
UVOST RENTAL	DAY	
BACKFILL TEST LOCATIONS	FOOT	
BENTONITE CHIPS	BAG	
BENTONITE PELLETS	PAIL	
BENTONITE DRILL MUD	BAG	
BENTONITE GROUT	BAG	
FILTER SAND	BAG	2
ASPHALT PATCH	BAG	
READY-MIX CONCRETE	BAG	
PORTLAND CEMENT/QUICK SET	BAG	6.5
WOOD PLUGS	EACH	
DISPOSABLE BAILERS	EACH	
PVC CASING 3/4" 2" 4" OTHER	FOOT	
PVC SCREEN 3/4" 2" 4" OTHER	FOOT	
THREADED FITTINGS 3/4" 2" 4" OTHER	EACH	
SLIP FITTINGS 3/4" 2" 4" OTHER	EACH	
LOCKING CAPS 2" 4" OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)	EACH	
ANODIZED STAND PIPE / BOLLARDS	EACH	
GROUNDWATER SAMPLE CONSUMABLES	EACH	
1/4", 1/2" TUBING	FOOT	
DISPOSABLE TIPS	EACH	
SAMPLE RINGS & CAPS	EACH	
55-GALLON DRUM	EACH	
OTHER		

Section 13751 through 13754 of the California Water Code requires that a report be filed for every groundwater well installation or abandonment. If the client does not elect to submit this report, Gregg Drilling, LLC will complete the appropriate paperwork for a $20 fee per well.

Client to complete ☐ GD to complete ☐

The named parties are hereby notified that if charges for above labor, services, equipment or materials furnished or to be furnished are not paid for in full, the improved property referred to above may be subject to mechanics lien (per Section 1181, et. seq. to the California Code of Civil Procedure) and construction funds are subject to "Stop notice" action (per Section 1190.1, California Code of Civil Procedure).

TERMS: NET 30 days. 1.5% per month finance charge on accounts 30 days past due. The undersigned accepts the terms as stated above for services rendered.

Project Name: P.O./Task #

Signature of Field Representative Layne Nortness

Printed Name Layne Nortness Date 6/10/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-11-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak

GDT JOB NUMBER	D2150027
JOB START DATE	6/3/2019
JOB END DATE	6/12/2019
START TIME	7:00AM
EQUIPMENT	S70/S142
DRILLER/STAFF	Lu
HELPER	Dan Marlo Cramer

ITEM	UNITS	QUANTITY
RIG NO./TYPE S70 Auto Rig 3"	HOUR	7
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	3/2
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	1
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	
WATER TRUCK TENDER	DAY	
SERVICE TRUCK	DAY	
LIFTGATE TRUCK	DAY	1
CONST./HAND AUGER CREW (2 men)	HOUR	4
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
		Soil Cuttings 4 boxes/ Cotton	well
1	31'	CG wells	2"
2	27'	"	"
3	21'	"	"
4	5'	up well	1/4"

Time Leave Yard: 5:30 Time Arrive Site: 9:30

Time Return Yard: 5:30 Time Leave Site: 3:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

EQUIPMENT DAMAGE:

WE CAN ASSUME NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES. In the event of adverse and/or hazardous drilling conditions, client will be informed if rate changes and/or responsibility for replacement of lost of damaged equipment. Minimum call out $1200. Also applicable to cancellations within 24 hrs. of scheduled start.

USA Clearance No.

ITEMS	UNITS	QUANTITY
SEISMIC CPT (Interval Test)	TEST	
UVOST RENTAL	DAY	
BACKFILL TEST LOCATIONS	FOOT	
BENTONITE CHIPS	BAG	
BENTONITE PELLETS	PAIL	
BENTONITE DRILL MUD	BAG	
BENTONITE GROUT	BAG	
FILTER SAND	BAG	12
ASPHALT PATCH	BAG	
READY-MIX CONCRETE	BAG	
PORTLAND CEMENT/QUICK SET	BAG	2/1
WOOD PLUGS	EACH	
DISPOSABLE BAILERS	EACH	
PVC CASING 3/4" 2" 4" OTHER	FOOT	
PVC SCREEN 3/4" 2" 4" OTHER	FOOT	
THREADED FITTINGS 3/4" 2" 4" OTHER	EACH	
SLIP FITTINGS 3/4" 2" 4" OTHER	EACH	
LOCKING CAPS 2" 4" OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)	EACH	
ANODIZED STAND PIPE / BOLLARDS	EACH	
GROUNDWATER SAMPLE CONSUMABLES	EACH	
1/4", 1/2" TUBING	FOOT	
DISPOSABLE TIPS	EACH	
SAMPLE RINGS & CAPS	EACH	4
55-GALLON DRUM	EACH	
OTHER		

Section 13751 through 13754 of the California Water Code requires that a report be filed for every groundwater well installation or abandonment. If the client does not elect to submit this report, Gregg Drilling, LLC will complete the appropriate paperwork for a $20 fee per well.

Client to complete ☐ GD to complete ☐

The named parties are hereby notified that if charges for above labor, services, equipment or materials furnished or to be furnished are not paid for in full, the improved property referred to above may be subject to mechanics lien (per Section 1181, et. seq. to the California Code of Civil Procedure) and construction funds are subject to "Stop notice" action (per Section 1190.1, California Code of Civil Procedure).

TERMS: NET 30 days. 1.5% per month finance charge on accounts 30 days past due. The undersigned accepts the terms as stated above for services rendered.

Project Name: P.O./Task #

Signature of Field Representative Layne Korthein

Printed Name Layne Korthein Date 6/11/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-12-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak
FIELD REP	Layne Kortbein

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Luis Torres
HELPER	Lu Menjivar

ITEM	UNITS	QUANTITY
RIG NO./TYPE D32 / CAR	HOUR	8
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	2.5
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	1/1
MUD SYSTEM	DAY	1
FORKLIFT/BOBCAT/LOADER	DAY	1
WATER TRUCK TENDER	DAY	
SERVICE TRUCK	DAY	1
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
1	30'	0.10 only	2"
2	30	"	"

Time Leave Yard: 5:30 Time Arrive Site: 7:00

Time Return Yard: 6:30 Time Leave Site: 4:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

Hopec

EQUIPMENT DAMAGE:

ITEMS	UNITS	QUANTITY
SEISMIC CPT (Interval Test)	TEST	
UVOST RENTAL	DAY	
BACKFILL TEST LOCATIONS	FOOT	
BENTONITE CHIPS	BAG	
BENTONITE PELLETS	PAIL	
BENTONITE DRILL MUD	BAG	
BENTONITE GROUT	BAG	
FILTER SAND	BAG	
ASPHALT PATCH	BAG	1
READY-MIX CONCRETE	BAG	
PORTLAND CEMENT/QUICK SET	BAG	3 1
WOOD PLUGS	EACH	
DISPOSABLE BAILERS	EACH	
PVC CASING 3/4" 2" 4" OTHER	FOOT	
PVC SCREEN 3/4" 2" 4" OTHER	FOOT	
THREADED FITTINGS 3/4" 2" 4" OTHER	EACH	
SLIP FITTINGS 3/4" 2" 4" OTHER	EACH	
LOCKING CAPS 2" 4" OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)	EACH	
ANODIZED STAND PIPE / BOLLARDS	EACH	
GROUNDWATER SAMPLE CONSUMABLES	EACH	
1/4", 1/2" TUBING	FOOT	
DISPOSABLE TIPS	EACH	
SAMPLE RINGS & CAPS	EACH	
55-GALLON DRUM	EACH	
OTHER		

Section 13751 through 13754 of the California Water Code requires that a report be filed for every groundwater well installation or abandonment. If the client does not elect to submit this report, Gregg Drilling, LLC will complete the appropriate paperwork for a $20 fee per well.

Client to complete ☐ GD to complete ☐

The named parties are hereby notified that if charges for above labor, services, equipment or materials furnished or to be furnished are not paid for in full, the improved property referred to above may be subject to mechanics lien (per Section 1181, et. seq. to the California Code of Civil Procedure) and construction funds are subject to "Stop notice" action (per Section 1190.1, California Code of Civil Procedure).

TERMS: NET 30 days. 1.5% per month finance charge on accounts 30 days past due. The undersigned accepts the terms as stated above for services rendered.

WE CAN ASSUME NO RESPONSIBILITY FOR DAMAGE OF UNDERGROUND UTILITIES. In the event of adverse and/or hazardous drilling conditions, client will be informed if rate changes and/or responsibility for replacement of lost of damaged equipment. Minimum call out $1200. Also applicable to cancellations within 24 hrs. of scheduled start.

USA Clearance No._____

Project Name: _____ P.O./Task #_____

Signature of Field Representative Layne Kortbein

Printed Name Layne Kortbein Date 6/12/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-13-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak
FIELD REP	Layne Kortbein

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Luis Torres
HELPER	Lu Menjivar

ITEM	UNITS	QUANTITY
RIG NO./TYPE	HOUR	8
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	4
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	
WATER TRUCK TENDER	DAY	
SERVICE TRUCK S97	DAY	1
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
1	70'	Over Drill & Remove	2"
2	70'	Casing and Grout	2"
3	70'	3-70' wells on	2"
4	5'	two different wells	2"
		Bollard top 5' on	
		Permanent Manifold well	

Time Leave Yard: 5:30 Time Arrive Site: 7:30

Time Return Yard: 5:30 Time Leave Site: 3:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

Sweeper/Forklift/Borrow/Traffic control

EQUIPMENT DAMAGE:

ITEMS	UNITS	QUANTITY
SEISMIC CPT (Interval Test)	TEST	
UVOST RENTAL	DAY	
BACKFILL TEST LOCATIONS	FOOT	
BENTONITE CHIPS	BAG	
BENTONITE PELLETS	PAIL	
BENTONITE DRILL MUD	BAG	
BENTONITE GROUT	BAG	
FILTER SAND	BAG	
ASPHALT PATCH	BAG	4
READY-MIX CONCRETE	BAG	
PORTLAND CEMENT/QUICK SET	BAG	32
WOOD PLUGS	EACH	
DISPOSABLE BAILERS	EACH	
PVC CASING 3/4" 2" 4" OTHER	FOOT	
PVC SCREEN 3/4" 2" 4" OTHER	FOOT	
THREADED FITTINGS 3/4" 2" 4" OTHER	EACH	
SLIP FITTINGS 3/4" 2" 4" OTHER	EACH	
LOCKING CAPS 2" 4" OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)	EACH	
ANODIZED STAND PIPE / BOLLARDS	EACH	
GROUNDWATER SAMPLE CONSUMABLES	EACH	
1/4", 1/2" TUBING	FOOT	
DISPOSABLE TIPS	EACH	
SAMPLE RINGS & CAPS	EACH	
55-GALLON DRUM	EACH	
OTHER		

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Client to complete ☐ GD to complete ☐

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USA Clearance No._____

Project Name: _____ P.O./Task #_____

Signature of Field Representative Layne Kortbein

Printed Name Layne Kortbein Date 6/13/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-14-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak
FIELD REP	Layne Kortbein

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Luis Torres
HELPER	Lu Menjivar

ITEM	UNITS	QUANTITY
RIG NO./TYPE D32 - 11SM	HOUR	6.5
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	4
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	
WATER TRUCK TENDER	DAY	
SERVICE TRUCK S97	DAY	1
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
1	30'	Pressure grout back to surface	2"
2	20'	Pressure grout back to surface	2"
		DP Hollow Stem	
3	20	Conventional Pull casing	2"
		& Grout to surface	

ITEMS	UNITS	QUANTITY
SEISMIC CPT (Interval Test)	TEST	
UVOST RENTAL	DAY	
BACKFILL TEST LOCATIONS	FOOT	
BENTONITE CHIPS	BAG	
BENTONITE PELLETS	PAIL	
BENTONITE DRILL MUD	BAG	
BENTONITE GROUT	BAG	
FILTER SAND	BAG	
ASPHALT PATCH	BAG	2
READY-MIX CONCRETE	BAG	
PORTLAND CEMENT/QUICK SET	BAG	7/1
WOOD PLUGS	EACH	
DISPOSABLE BAILERS	EACH	
PVC CASING 3/4" 2" 4" OTHER	FOOT	
PVC SCREEN 3/4" 2" 4" OTHER	FOOT	
THREADED FITTINGS 3/4" 2" 4" OTHER	EACH	
SLIP FITTINGS 3/4" 2" 4" OTHER	EACH	
LOCKING CAPS 2" 4" OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)	EACH	
ANODIZED STAND PIPE / BOLLARDS	EACH	
GROUNDWATER SAMPLE CONSUMABLES	EACH	
1/4", 1/2" TUBING	FOOT	
DISPOSABLE TIPS	EACH	
SAMPLE RINGS & CAPS	EACH	
55-GALLON DRUM	EACH	
OTHER		

Time Leave Yard: 5:30 Time Arrive Site: 7:00

Time Return Yard: 6:00 Time Leave Site: 3:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

Forklift/Hover Excavation

EQUIPMENT DAMAGE:

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USA Clearance No._____

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Client to complete ☐ GD to complete ☐

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TERMS: NET 30 days. 1.5% per month finance charge on accounts 30 days past due. The undersigned accepts the terms as stated above for services rendered.

Project Name: _____ P.O./Task #_____

Signature of Field Representative Layne Kortbein

Printed Name Layne Kortbein Date 6/14/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-12-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Lu Menjivar
HELPER	None

ITEM	UNITS	QUANTITY
RIG NO./TYPE D32 / 24K	HOUR	8.5
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	1.5/3
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	1
WATER TRUCK TENDER	DAY	
SERVICE TRUCK	DAY	1
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
1	Sidewalk brk/Patch		
2	22'	BC well	2"
3	21'	DP / mw	2"
4	Concrete Cap	30"x30"	

ITEMS					UNITS	QUANTITY
SEISMIC CPT (Interval Test)					TEST	
UVOST RENTAL					DAY	
BACKFILL TEST LOCATIONS					FOOT	
BENTONITE CHIPS					BAG	
BENTONITE PELLETS					PAIL	
BENTONITE DRILL MUD					BAG	
BENTONITE GROUT					BAG	
FILTER SAND					BAG	
ASPHALT PATCH					BAG	2
READY-MIX CONCRETE					BAG	3
PORTLAND CEMENT/QUICK SET					BAG	5 6/3
WOOD PLUGS					EACH	
DISPOSABLE BAILERS					EACH	
PVC CASING	3/4"	2"	4"	OTHER	FOOT	
PVC SCREEN	3/4"	2"	4"	OTHER	FOOT	
THREADED FITTINGS	3/4"	2"	4"	OTHER	EACH	
SLIP FITTINGS	3/4"	2"	4"	OTHER	EACH	
LOCKING CAPS		2"	4"	OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)					EACH	
ANODIZED STAND PIPE / BOLLARDS					EACH	
GROUNDWATER SAMPLE CONSUMABLES					EACH	
1/4", 1/2" TUBING					FOOT	
DISPOSABLE TIPS					EACH	
SAMPLE RINGS & CAPS					EACH	
55-GALLON DRUM					EACH	
OTHER						

Time Leave Yard: 5:30 Time Arrive Site: 7:00

Time Return Yard: Time Leave Site: 2:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

Hopper

EQUIPMENT DAMAGE:

Generator Jackhammer

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USA Clearance No.

Project Name: P.O./Task #

Signature of Field Representative Layne Korthein

Printed Name Layne Korthein Date 6/12/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-18-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Lu Menjivar
HELPER	Daniel

ITEM	UNITS	QUANTITY
RIG NO./TYPE D32 / Hand	HOUR	7.5
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	4.5
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	
GROUT PUMP/STEAM CLEANER	DAY	1
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	1
WATER TRUCK TENDER	DAY	1
SERVICE TRUCK S97	DAY	1
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
MW-1 thru MW-3	31' to 37'	Grout, bentonite chips, (2) 2" wells	
DW-1	40'	Grout, bentonite chips, (1) 2" well	

ITEMS					UNITS	QUANTITY
SEISMIC CPT (Interval Test)					TEST	
UVOST RENTAL					DAY	
BACKFILL TEST LOCATIONS					FOOT	
BENTONITE CHIPS					BAG	
BENTONITE PELLETS					PAIL	
BENTONITE DRILL MUD					BAG	
BENTONITE GROUT					BAG	
FILTER SAND					BAG	
ASPHALT PATCH					BAG	
READY-MIX CONCRETE					BAG	
PORTLAND CEMENT/QUICK SET					BAG	2 / 24
WOOD PLUGS					EACH	
DISPOSABLE BAILERS					EACH	
PVC CASING	3/4"	2"	4"	OTHER	FOOT	
PVC SCREEN	3/4"	2"	4"	OTHER	FOOT	
THREADED FITTINGS	3/4"	2"	4"	OTHER	EACH	
SLIP FITTINGS	3/4"	2"	4"	OTHER	EACH	
LOCKING CAPS		2"	4"	OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)					EACH	
ANODIZED STAND PIPE / BOLLARDS					EACH	
GROUNDWATER SAMPLE CONSUMABLES					EACH	
1/4", 1/2" TUBING					FOOT	
DISPOSABLE TIPS					EACH	
SAMPLE RINGS & CAPS					EACH	
55-GALLON DRUM					EACH	
OTHER						

Time Leave Yard: 5:30 Time Arrive Site: 7:30

Time Return Yard: 5:00 Time Leave Site: 3:00

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

EQUIPMENT DAMAGE:

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Project Name: _____ P.O./Task #_____

Signature of Field Representative Layne Kortheim

Printed Name Layne Kortheim Date 6/18/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-19-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Lu Menjivar
HELPER	DANIEL

ITEM	UNITS	QUANTITY
RIG NO./TYPE D32/Ethan	HOUR	1
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	3.5
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	1
GROUT PUMP/STEAM CLEANER	DAY	1
MUD SYSTEM	DAY	1
FORKLIFT/BOBCAT/LOADER	DAY	1
WATER TRUCK TENDER	DAY	
SERVICE TRUCK S97	DAY	1
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
(2)	Over drills	2" wells	
	30'	@ 2'	
Grout + cleanup, dirt			
haul away			

ITEMS					UNITS	QUANTITY
SEISMIC CPT (Interval Test)					TEST	
UVOST RENTAL					DAY	
BACKFILL TEST LOCATIONS					FOOT	
BENTONITE CHIPS					BAG	
BENTONITE PELLETS					PAIL	
BENTONITE DRILL MUD					BAG	
BENTONITE GROUT					BAG	
FILTER SAND					BAG	
ASPHALT PATCH					BAG	
READY-MIX CONCRETE					BAG	2
PORTLAND CEMENT/QUICK SET					BAG	
WOOD PLUGS					EACH	2
DISPOSABLE BAILERS					EACH	
PVC CASING	3/4"	2"	4"	OTHER	FOOT	
PVC SCREEN	3/4"	2"	4"	OTHER	FOOT	
THREADED FITTINGS	3/4"	2"	4"	OTHER	EACH	
SLIP FITTINGS	3/4"	2"	4"	OTHER	EACH	
LOCKING CAPS		2"	4"	OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)					EACH	
ANODIZED STAND PIPE / BOLLARDS					EACH	
GROUNDWATER SAMPLE CONSUMABLES					EACH	
1/4", 1/2" TUBING					FOOT	
DISPOSABLE TIPS					EACH	
SAMPLE RINGS & CAPS					EACH	
55-GALLON DRUM					EACH	
OTHER						

Time Leave Yard: 5:30 Time Arrive Site: 7:00

Time Return Yard: 4:00 Time Leave Site: 2:00

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

EQUIPMENT DAMAGE:

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Project Name: P.O./Task #

Signature of Field Representative Layne Kortbein

Printed Name Layne Kortbein Date 6/19/19

GREGG DRILLING, LLC

Project Field Bill Todays Date: 6-20-19

950 Howe Road, Martinez, CA 94553
Ph: (925) 313-5800 www.greggdrilling.com

COMPANY NAME	Antea Group
SITE NAME	76 Service Station No. 6390
ADDRESS	402 S. Delaware Street
CROSS STREET	East 4th Ave
CITY	San Mateo
PROJECT MANAGER	David Sisak

GDT JOB NUMBER	D2150027
JOB START DATE	6/12/2019
JOB END DATE	6/21/2019
START TIME	7:00
EQUIPMENT	D32 / S97
DRILLER/STAFF	Daniel Gallosa
HELPER	Eric Santellan

ITEM	UNITS	QUANTITY
RIG NO./TYPE D32 / Rhino	HOUR	64
MOB-DEMOB-TRAVEL/SERVICE RUN	HOUR	
PER DIEM	MAN/NGT	
PREMIUM TIME	MAN/HR	
ADDITIONAL TECHNICIAN	HOUR	
STANDBY/MOVE TIME	HOUR	
STEAM CLEANING AT YARD	DAY	1
GROUT PUMP/STEAM CLEANER	DAY	1
MUD SYSTEM	DAY	
FORKLIFT/BOBCAT/LOADER	DAY	1
WATER TRUCK TENDER	DAY	
SERVICE TRUCK S97	DAY	
LIFTGATE TRUCK	DAY	
CONST./HAND AUGER CREW (2 men)	HOUR	
CONCRETE CORING DIA.	EACH	
P.P.E. UPGRADE TIME	HOUR	

BORING #	DEPTH	INTERVAL/TYPE OF SAMPLING	SIZE OF WELL
* DUAL DRILL	(2) WELLS		2"
21' & 25',	CONST.		
* PENDING	WARP PAD,	COVERS	

Time Leave Yard: 6:30 Time Arrive Site: 8:30

Time Return Yard: 4:30 Time Leave Site: 2:30

Lunch Start: Lunch Finish:

SUBCONTRACTOR - ADDITIONAL EQUIPMENT:

EQUIPMENT DAMAGE:

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USA Clearance No._____

ITEMS	UNITS	QUANTITY
SEISMIC CPT (Interval Test)	TEST	
UVOST RENTAL	DAY	
BACKFILL TEST LOCATIONS	FOOT	
BENTONITE CHIPS	BAG	
BENTONITE PELLETS	PAIL	
BENTONITE DRILL MUD	BAG	
BENTONITE GROUT	BAG	
FILTER SAND	BAG	
ASPHALT PATCH	BAG	
READY-MIX CONCRETE	BAG	6
PORTLAND CEMENT/QUICK SET	BAG	2 1/2
WOOD PLUGS	EACH	
DISPOSABLE BAILERS	EACH	
PVC CASING 3/4" 2" 4" OTHER	FOOT	
PVC SCREEN 3/4" 2" 4" OTHER	FOOT	
THREADED FITTINGS 3/4" 2" 4" OTHER	EACH	
SLIP FITTINGS 3/4" 2" 4" OTHER	EACH	
LOCKING CAPS 2" 4" OTHER	EACH	
MONITORING WELL BOX (WATERTIGHT)	EACH	
ANODIZED STAND PIPE / BOLLARDS	EACH	
GROUNDWATER SAMPLE CONSUMABLES	EACH	
1/4", 1/2" TUBING	FOOT	
DISPOSABLE TIPS	EACH	
SAMPLE RINGS & CAPS	EACH	
55-GALLON DRUM	EACH	
OTHER		

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Project Name: _____ P.O./Task #_____

Signature of Field Representative Layne Kortheim

Printed Name Layne Kortheim Date 6/20/19

Appendix F – Pressure Grouting Calculations

Pressure Grout Calculations for MW-12B

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Standard Well												
2													
3		radius in inches	pi	radius (ft)	radius^2 (ft^2)	height (ft)	Volume (ft^3)	Convert ft^3 to gals.	Volume (gals)	Total Filter pack vol. (gals)	Filter pack porosity	Effective Filter pack Vol. (gals)	Total volume (gals)
4													
5													
6	Casing Blank adjacent to sealing material	1	3.1415	0.0833	0.0069	19	0.41	7.48	3.10				3.10
7	Casing Screen & Blank adjacent to filter pack	1	3.1415	0.0833	0.0069	10.5	0.23	7.48	1.71				1.71
8	Borehole Filterpack	4	3.1415	0.3333	0.1111	10.5	3.67	7.48	27.41	25.70	0.30	7.71	7.71
9	Borehole Filterpack Below casing	4	3.1415	0.3333	0.1111	0.5	0.17	7.48	1.31		0.30	0.39	0.39
10	Borehole Mushroom cap	0	3.1415	0.0000	0.0000	0	0.00	7.48	0.00				0.00
11													12.92
12													
13													
14													
15	Casing Blank = Length of Blank Casing Adjacent to seal/grout backfill (do not include 5 ' length to be drilled out)												
16	Casing Screen & Blank = Length of casing adjacent to filterpack												
17	Borehole Filterpack = Length of borehole annulus filled with filterpack												
18	Borehole Filterpack Below screen = Length of borehole filled with filterpack only below the well screen; Usually does not exist in most wells.												
19	Borehole Mushroom cap = length of borehole above casing cut off filled with grout (typically 1 foot)												
20	radius in inches = radius of casing or borehole (Not diameter)												
21	pi = 3.1415												
22	radius in feet = Radius in inches/12												
23	height = height of borehole or casing in feet												
24	ft^3= cubic feet, pi*r^2*h												
25	Feet to gallon = 7.48, conversion factor												
26	Volume in gallons = ft^3*7.48												
27	Total Filter pack volume = Borehole Filterpack volume - casing screen												
28	filterpack porosity = Assumed porosity of 30%												
29	Effective Filterpack Volume = Total Filter pack volume * Filterpack porosity												
30	Total Volume = Blank Casing + Screen Casing + Effective Filterpack Volume + Mushroom Cap												
31	User Defined Value												

Pressure Grout Calculations for MW-13B

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Standard Well												
2													
3		radius in inches	pi	radius (ft)	radius^2 (ft^2)	height (ft)	Volume (ft^3)	Convert ft^3 to gals.	Volume (gals)	Total Filter pack vol. (gals)	Filter pack porosity	Effective Filter pack Vol. (gals)	Total volume (gals)
4													
5													
6	Casing Blank adjacent to sealing material	1	3.1415	0.0833	0.0069	20.5	0.45	7.48	3.35				3.35
7	Casing Screen & Blank adjacent to filter pack	1	3.1415	0.0833	0.0069	10.5	0.23	7.48	1.71				1.71
8	Borehole Filterpack	4	3.1415	0.3333	0.1111	10.5	3.67	7.48	27.41	25.70	0.30	7.71	7.71
9	Borehole Filterpack Below casing	4	3.1415	0.3333	0.1111	0	0.00	7.48	0.00		0.30	0.00	0.00
10	Borehole Mushroom cap	0	3.1415	0.0000	0.0000	0	0.00	7.48	0.00				0.00
11													12.77
12													
13													
14													
15	Casing Blank = Length of Blank Casing Adjacent to seal/grout backfill (do not include 5 ' length to be drilled out)												
16	Casing Screen & Blank = Length of casing adjacent to filterpack												
17	Borehole Filterpack = Length of borehole annulus filled with filterpack												
18	Borehole Filterpack Below screen = Length of borehole filled with filterpack only below the well screen; Usually does not exist in most wells.												
19	Borehole Mushroom cap = length of borehole above casing cut off filled with grout (typically 1 foot)												
20	radius in inches = radius of casing or borehole (Not diameter)												
21	pi = 3.1415												
22	radius in feet = Radius in inches/12												
23	height = height of borehole or casing in feet												
24	ft^3= cubic feet, pi*r^2*h												
25	Feet to gallon = 7.48, conversion factor												
26	Volume in gallons = ft^3*7.48												
27	Total Filter pack volume = Borehole Filterpack volume - casing screen												
28	filterpack porosity = Assumed porosity of 30%												
29	Effective Filterpack Volume = Total Filter pack volume * Filterpack porosity												
30	Total Volume = Blank Casing + Screen Casing + Effective Filterpack Volume + Mushroom Cap												
31	User Defined Value												

Pressure Grout Calculations for MW-15B

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Standard Well												
2													
3		radius in inches	pi	radius (ft)	radius^2 (ft^2)	height (ft)	Volume (ft^3)	Convert ft^3 to gals.	Volume (gals)	Total Filter pack vol. (gals)	Filter pack porosity	Effective Filter pack Vol. (gals)	Total volume (gals)
4													
5													
6	Casing Blank adjacent to sealing material	1	3.1415	0.0833	0.0069	16	0.35	7.48	2.61				2.61
7	Casing Screen & Blank adjacent to filter pack	1	3.1415	0.0833	0.0069	11	0.24	7.48	1.80				1.80
8	Borehole Filterpack	4	3.1415	0.3333	0.1111	11.5	4.01	7.48	30.03	28.23	0.30	8.47	8.47
9	Borehole Filterpack Below casing	4	3.1415	0.3333	0.1111	0	0.00	7.48	0.00		0.30	0.00	0.00
10	Borehole Mushroom cap	0	3.1415	0.0000	0.0000	0	0.00	7.48	0.00				0.00
11													12.88
12													
13													
14													
15	Casing Blank = Length of Blank Casing Adjacent to seal/grout backfill (do not include 5 ' length to be drilled out)												
16	Casing Screen & Blank = Length of casing adjacent to filterpack												
17	Borehole Filterpack = Length of borehole annulus filled with filterpack												
18	Borehole Filterpack Below screen = Length of borehole filled with filterpack only below the well screen; Usually does not exist in most wells.												
19	Borehole Mushroom cap = length of borehole above casing cut off filled with grout (typically 1 foot)												
20	radius in inches = radius of casing or borehole (Not diameter)												
21	pi = 3.1415												
22	radius in feet = Radius in inches/12												
23	height = height of borehole or casing in feet												
24	ft^3= cubic feet, pi*r^2*h												
25	Feet to gallon = 7.48, conversion factor												
26	Volume in gallons = ft^3*7.48												
27	Total Filter pack volume = Borehole Filterpack volume - casing screen												
28	filterpack porosity = Assumed porosity of 30%												
29	Effective Filterpack Volume = Total Filter pack volume * Filterpack porosity												
30	Total Volume = Blank Casing + Screen Casing + Effective Filterpack Volume + Mushroom Cap												
31	User Defined Value												

Pressure Grout Calculations for MW-20

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Standard Well												
2													
3		radius in inches	pi	radius (ft)	radius^2 (ft^2)	height (ft)	Volume (ft^3)	Convert ft^3 to gals.	Volume (gals)	Total Filter pack vol. (gals)	Filter pack porosity	Effective Filter pack Vol. (gals)	Total volume (gals)
4													
5													
6	Casing Blank adjacent to sealing material	1	3.1415	0.0833	0.0069	5	0.11	7.48	0.82				0.82
7	Casing Screen & Blank adjacent to filter pack	1	3.1415	0.0833	0.0069	16	0.35	7.48	2.61				2.61
8	Borehole Filterpack	4	3.1415	0.3333	0.1111	16	5.58	7.48	41.77	39.16	0.30	11.75	11.75
9	Borehole Filterpack Below casing	4	3.1415	0.3333	0.1111	0	0.00	7.48	0.00		0.30	0.00	0.00
10	Borehole Mushroom cap	0	3.1415	0.0000	0.0000	0	0.00	7.48	0.00				0.00
11													15.18
12													
13													
14													
15	Casing Blank = Length of Blank Casing Adjacent to seal/grout backfill (do not include 5 ' length to be drilled out)												
16	Casing Screen & Blank = Length of casing adjacent to filterpack												
17	Borehole Filterpack = Length of borehole annulus filled with filterpack												
18	Borehole Filterpack Below screen = Length of borehole filled with filterpack only below the well screen; Usually does not exist in most wells.												
19	Borehole Mushroom cap = length of borehole above casing cut off filled with grout (typically 1 foot)												
20	radius in inches = radius of casing or borehole (Not diameter)												
21	pi = 3.1415												
22	radius in feet = Radius in inches/12												
23	height = height of borehole or casing in feet												
24	ft^3= cubic feet, pi*r^2*h												
25	Feet to gallon = 7.48, conversion factor												
26	Volume in gallons = ft^3*7.48												
27	Total Filter pack volume = Borehole Filterpack volume - casing screen												
28	filterpack porosity = Assumed porosity of 30%												
29	Effective Filterpack Volume = Total Filter pack volume * Filterpack porosity												
30	Total Volume = Blank Casing + Screen Casing + Effective Filterpack Volume + Mushroom Cap												
31	User Defined Value												

Pressure Grout Calculations for MW-21

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Standard Well												
2													
3		radius in inches	pi	radius (ft)	radius^2 (ft^2)	height (ft)	Volume (ft^3)	Convert ft^3 to gals.	Volume (gals)	Total Filter pack vol. (gals)	Filter pack porosity	Effective Filter pack Vol. (gals)	Total volume (gals)
4													
5													
6	Casing Blank adjacent to sealing material	1	3.1415	0.0833	0.0069	5	0.11	7.48	0.82				0.82
7	Casing Screen & Blank adjacent to filter pack	1	3.1415	0.0833	0.0069	16	0.35	7.48	2.61				2.61
8	Borehole Filterpack	4	3.1415	0.3333	0.1111	16	5.58	7.48	41.77	39.16	0.30	11.75	11.75
9	Borehole Filterpack Below casing	4	3.1415	0.3333	0.1111	0	0.00	7.48	0.00		0.30	0.00	0.00
10	Borehole Mushroom cap	0	3.1415	0.0000	0.0000	0	0.00	7.48	0.00				0.00
11													15.18
12													
13													
14													
15	Casing Blank = Length of Blank Casing Adjacent to seal/grout backfill (do not include 5 ' length to be drilled out)												
16	Casing Screen & Blank = Length of casing adjacent to filterpack												
17	Borehole Filterpack = Length of borehole annulus filled with filterpack												
18	Borehole Filterpack Below screen = Length of borehole filled with filterpack only below the well screen; Usually does not exist in most wells.												
19	Borehole Mushroom cap = length of borehole above casing cut off filled with grout (typically 1 foot)												
20	radius in inches = radius of casing or borehole (Not diameter)												
21	pi = 3.1415												
22	radius in feet = Radius in inches/12												
23	height = height of borehole or casing in feet												
24	ft^3= cubic feet, pi*r^2*h												
25	Feet to gallon = 7.48, conversion factor												
26	Volume in gallons = ft^3*7.48												
27	Total Filter pack volume = Borehole Filterpack volume - casing screen												
28	filterpack porosity = Assumed porosity of 30%												
29	Effective Filterpack Volume = Total Filter pack volume * Filterpack porosity												
30	Total Volume = Blank Casing + Screen Casing + Effective Filterpack Volume + Mushroom Cap												
31	User Defined Value												

Pressure Grout Calculations for MW-4

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Standard Well												
2													
3		radius in inches	pi	radius (ft)	radius^2 (ft^2)	height (ft)	Volume (ft^3)	Convert ft^3 to gals.	Volume (gals)	Total Filter pack vol. (gals)	Filter pack porosity	Effective Filter pack Vol. (gals)	Total volume (gals)
4													
5													
6	Casing Blank adjacent to sealing material	1	3.1415	0.0833	0.0069	5	0.11	7.48	0.82				0.82
7	Casing Screen & Blank adjacent to filter pack	1	3.1415	0.0833	0.0069	22	0.48	7.48	3.59				3.59
8	Borehole Filterpack	4	3.1415	0.3333	0.1111	22	7.68	7.48	57.44	53.85	0.30	16.16	16.16
9	Borehole Filterpack Below casing	4	3.1415	0.3333	0.1111	0	0.00	7.48	0.00		0.30	0.00	0.00
10	Borehole Mushroom cap	0	3.1415	0.0000	0.0000	0	0.00	7.48	0.00				0.00
11													20.56
12													
13													
14													
15	Casing Blank = Length of Blank Casing Adjacent to seal/grout backfill (do not include 5 ' length to be drilled out)												
16	Casing Screen & Blank = Length of casing adjacent to filterpack												
17	Borehole Filterpack = Length of borehole annulus filled with filterpack												
18	Borehole Filterpack Below screen = Length of borehole filled with filterpack only below the well screen; Usually does not exist in most wells.												
19	Borehole Mushroom cap = length of borehole above casing cut off filled with grout (typically 1 foot)												
20	radius in inches = radius of casing or borehole (Not diameter)												
21	pi = 3.1415												
22	radius in feet = Radius in inches/12												
23	height = height of borehole or casing in feet												
24	ft^3= cubic feet, pi*r^2*h												
25	Feet to gallon = 7.48, conversion factor												
26	Volume in gallons = ft^3*7.48												
27	Total Filter pack volume = Borehole Filterpack volume - casing screen												
28	filterpack porosity = Assumed porosity of 30%												
29	Effective Filterpack Volume = Total Filter pack volume * Filterpack porosity												
30	Total Volume = Blank Casing + Screen Casing + Effective Filterpack Volume + Mushroom Cap												
31	User Defined Value												

Appendix G – Other Correspondence

From:	Allan Dudding
To:	David Sisak; Layne Kortbein
Subject:	FW: 8.5" Augers
Date:	Wednesday, June 12, 2019 11:50:23 AM

From: Ryan Woodward <ryan@woodwarddrilling.com>
Sent: Tuesday, June 11, 2019 4:49 PM
To: Allan Dudding <Allan.Dudding@AnteaGroup.US>
Subject: RE: 8.5" Augers

Hello Allan,
It was nice talking to you.
The augers were 8" OD, but the person who wrote this up was accounting for the oversized auger bit.

Woodward Drilling has now expanded to add a Waste Water Treatment Facility
as well as Non-Haz / Haz Soil and Water Hauling, Please call or email for an estimate.
Certified 8(a)/DBE/WOSB/EDWOSB
www.woodwarddrilling.com

Ryan Woodward
Operations Manager
Woodward Drilling Co., Inc
PO Box 336
Rio Vista, CA 94571
(707) 374 - 4300 (Main)
(707) 580 - 1925 (Mobile)
(707) 374 - 5677 (Fax)

From: Allan Dudding [mailto:Allan.Dudding@anteagroup.com]
Sent: Tuesday, June 11, 2019 4:07 PM
To: Ryan@WoodwardDrilling.com
Subject: 8.5" Augers

Good to talk to you again, Ryan. Here's the information I have for the well and you can see at the top of the boring log that it says 8.5". Let me know if you've got any insight on this…

Thanks,

Allan Dudding | Project Professional
Antea®Group

Direct +1 916-389-6481 | Mobile +1 916-709-6882
11010 White Rock Road, Suite 140, Rancho Cordova, CA 95670
allan.dudding@anteagroup.com | us.anteagroup.com



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From:	Chris - Capital Flooring
To:	Layne Kortbein
Cc:	David Sisak; Allan Dudding
Subject:	Re: Flooring at 521 E 5th Ave San Mateo
Date:	Tuesday, June 18, 2019 11:55:18 AM

Hello,

Thank you for your email. My installers and I did not notice any type of sensors left on the floor. To answer your questions:
1. There was bare concrete on the floor when we started work (no existing finishes)
2. We installed self-leveling floor patch with a vapor barrier.
3. Glued down vinyl planks
4. We did not, I cannot speak for any other trades working in the building.

Regards,

Chris Javier
General Manager

Capital Flooring & Design, Inc.
****Please note our new store location:**
2835 Whipple Rd. Suite A
Union City, CA 94587
P: 510-487-0800
F: 510-487-0808
C: 510-931-9831
chris@capitalflooringanddesign.com
www.capitalflooringanddesign.com

Virus-free. www.avg.com

On Mon, Jun 17, 2019 at 6:31 PM Layne Kortbein <Layne.Kortbein@anteagroup.com> wrote:

> Hi Chris!
>
> We spoke on the phone earlier this morning regarding the flooring Capital Flooring and Design completed at 521 E 5th Ave in San Mateo (Safari Kid Daycare). As I mentioned, we had two subslab vapor probes in the building when it was redesigned. I've attached two photos of what the probe should have looked like. Can you show that to the workers that were onsite and see if anyone noticed something similar to this while you were re-flooring, or possibly removed them? Also, I need a couple more details on the procedure and materials used. My questions are the following:
>
> 1. Was the foundation of the building ground down before flooring?

2. Was the foundation sealed or resurfaced in any way before laying the new flooring? If so, please note the type of sealant.
3. What was the type of new flooring that was installed?
4. Was any vapor sampling completed by you or an alternative contractor post-remodel?

Thank you so much for your help and contact me by phone or email with questions.

Layne

Layne Kortbein, EIT | Staff Professional | USA

Antea®Group
Office: 1 651 697 5117 or 1 800 888 1331

Cell: 1 608 408 9954

5910 Rice Creek Parkway

Suite 100

Shoreview, MN 55126

layne.kortbein@anteagroup.com |www.anteagroup.com



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This e-mail is personal. For our full disclaimer, please visit http://www.anteagroup.com/confidentiality.

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From: Chris - Capital Flooring
To: Layne Kortbein
Subject: Re: Flooring at 521 E 5th Ave San Mateo
Date: Tuesday, June 18, 2019 12:23:06 PM

We used a standard LVT Glue (I think Mapei ECO711)
Regards,

Chris Javier
General Manager

Capital Flooring & Design, Inc.
****Please note our new store location:**
2835 Whipple Rd. Suite A
Union City, CA 94587
P: 510-487-0800
F: 510-487-0808
C: 510-931-9831
chris@capitalflooringanddesign.com
www.capitalflooringanddesign.com


Virus-free. www.avg.com

On Tue, Jun 18, 2019 at 10:21 AM Layne Kortbein <Layne.Kortbein@anteagroup.com> wrote:

> Great, thanks so much for your help Chris! One last question for you: what type of adhesive was used to install the vinyl planks?
>
> Sent from my Samsung Galaxy smartphone.
>
> This e-mail is personal. For our full disclaimer, please visit http://www.anteagroup.com/confidentiality.

From:	Tyrone Barber
To:	Layne Kortbein
Cc:	Allan Dudding; David Sisak
Subject:	Re: Work Completed at 521 E 5th Ave San Mateo
Date:	Friday, June 21, 2019 12:21:05 PM

Good Morning Layne,

We started this project almost 2 yrs ago and before we came in there were 2 other contractor's before me that demoed the place and patched up a lot of areas of the flooring. The floor was wide open until 4 weeks ago and I did not see anything that is described. Sorry I couldn't be of any help.

Regards,
Ty Barber
On Thursday, June 20, 2019, 07:44:09 PM PDT, Layne Kortbein <Layne.Kortbein@anteagroup.com> wrote:

Good Evening Ty,

I'm contacting you regarding the building remodel that you are completing at 521 E 5th Ave in San Mateo (Safari Kid Daycare). I'm working on the environmental cleanup site at the adjacent property located at 402 S Delaware St (76 Service Station). In 2013, we installed two subslab vapor pins in the floor of the now Safari Kid building. I've attached photos of what the pins should have looked like, although they also had black plastic caps as a cover. To your knowledge, during the remodel of the building, were these pins encountered and removed? Unfortunately I don't have a map of the exact locations of where these pins should have been. Also, was any vapor sampling completed by you or an alternative contractor post-remodel?

Thank you so much for your help and contact me by phone or email with questions.

Layne

Layne Kortbein, EIT | Staff Professional | USA

Antea®Group
Office: 1 651 697 5117 or 1 800 888 1331

Cell: 1 608 408 9954

5910 Rice Creek Parkway

Suite 100

Shoreview, MN 55126

layne.kortbein@anteagroup.com |www.anteagroup.com



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Appendix H – Pacific Coast Locators, Inc. Utility Locate Report

Subsurface Investigation Report

Project:

Commercial Property
(Gas Station)
402 S. Delaware St.
San Mateo, CA

Prepared For:

Antea Group

Prepared By:

Pacific Coast Locators, Inc.
EM & GPR Technicians
2606 Foothill Blvd., Ste. G La Crescenta, CA 91214
Ph: 818-249-7700 Fax: 818-249-7701

INTRODUCTION

Pacific Coast Locators, Inc. performed a Subsurface Investigation on Wednesday, July 3rd, 2019 to attempt to locate and confirm an old (possibly terra-cotta) sewer line on-site.

METHODOLOGY AND EQUIPMENT

The GSSI UtilityScan SIR 3000 Ground Penetrating Radar unit with 400MHz antenna sends a dielectric signal into the earth, which registers with the density of the soil that it is penetrating. Any other material of varied density will either speed up the signal creating an inverted hyperbola or slow it down leaving a hyperbola trail. This is similar to a rock in a creek. The water bends around the rock leaving a tail wake. The GPR signal is not bending however; it is sending back a continuous signal of the curvature of the anomaly or buried feature it encounters. GPR findings are not always accurate due to certain site conditions such as soil lithology, moisture and soil make-up. These can limit the depth to which the GPR antenna can penetrate to locate buried features.

The RD8100 Electro-Magnetic Transmitter & Receiver has Inductive & Conductive capability to locate buried conductive underground utilities, such as copper, steel and galvanized metal water pipes, electrical lines, power lines, tele-communication lines, metal and steel gas lines, and metal and steel pipelines. The RD8100 features include multiple active frequencies to delineate actively the depth and location of the target utility or pipe. The RD4000 receiver has a peak and null gain feature that pinpoints the target utility or pipe in congested areas. The audible signal to noise feature makes it easy for the locating technician to determine accurately the location of a directly connected utility or pipe by sound.

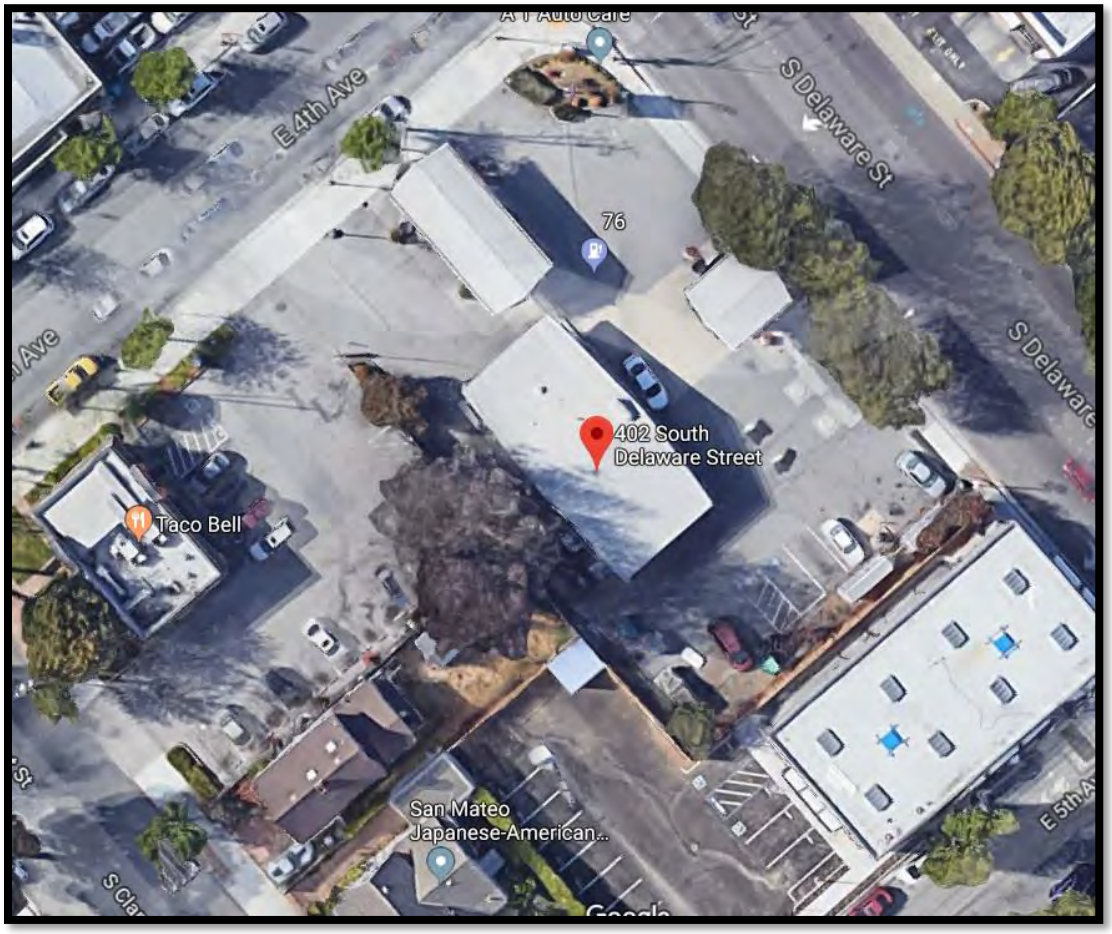
According to Radio Detection, the specifications of the RD8100 include
Sensitivity: 6E-15 Tesla 5µA at 1 meter (33kHz)
Dynamic range: 140dB rms/√Hz
Selectivity: 120dB/Hz
Depth measurement precision: ± 3%
Locate accuracy: ± 5% of depth

The Jameson Duct Hunter 300 Traceable Rodder uses the RD8100 transmitter to energize the rod which is pushed into underground pipe to emit signal that is picked up by the RD8100 receiver above ground. This allows an entire buried utility pipe to be traced and marked continuously from above ground by one man without digging. The rod's ferrule attaches to a 512 Mhz sonde, roller guide, or pulling eye. 5/16" diameter rod has 6" bend radius and is recommended for 2"- 4" conduit.

The Schonstedt GA-52Cx Magnetic Locator detects iron and steel objects underground, such as USTs, buried oil wells and buried metal monitoring well lids. The Schonstedt GA-52Cx Magnetometer provides audio detection signals with frequencies that vary with gradient field intensity. The signals peak in frequency when the locator's tip is held directly over the target.

SITE AREA

The project site is a gas station located at 402 S. Delaware St. in San Mateo, CA. Below is an aerial view of the property.



ANALYSES / INTERPRETATIONS AND FINDINGS

Our technician performed a Subsurface Investigation to attempt to locate and confirm an old (possibly terra-cotta) sewer line on-site. Our technician first attempted to remove the cleanout cap. He could not remove the cleanout cap and therefore performed GPR scanning in a grid pattern across the area. After multiple passes, evidence of a buried line was found. Upon further investigation of the area, including inside the building carport, the sanitary sewer line was identified and marked. Further GPR scanning inside of the carport area found several indications that the confirmed the anomaly found on the sidewalk is same sewer line found in carport.

Field work performed by Chris Montuya, EM & GPR Technician,
Pacific Coast Locators, Inc.

LIMITATIONS

Please be advised that there are limitations to any Subsurface Investigation. The equipment may not achieve maximum effectiveness due to soil conditions, above ground obstructions, reinforced concrete, and a variety of other factors. No Subsurface Investigation or equipment can provide a complete image of buried features. Our results should always be used in conjunction with as many methods as possible including: Consultation of existing plans and drawings, exploratory excavation or potholing, visual inspection of above ground features and utilization of services such as Dig Alert/Underground Service Alert.

Below are photos of marked-out findings on-site:





















Appendix I – City of San Mateo Buildings Division Records Request

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance
Fire Sprinkler
Alter, Non Residential

Building Permit: FS-2017-264678

IVR #: 114872

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E 5TH AVE	034186090	$650.00

Work Descripton:
F1: Modify (E) fire sprinkler system with 2 (N) heads. ISSUED 10/18/17
Comm. T.I in (E) Shell Space to include load and non-load bearing partitions; ceilings; site modification to include M,E,P's (3967 sq ft) [BD2016-258827]
Revision #1: Update footings along one side of the building ISSUED 7/24/17
F3- Fire Sprinkler Monitoring System.
PA-2016-23

Issued Date: 10/18/2017 **Previous Use:** Offices

Expiration Date: 04/16/2018 **Proposed Use:** Offices

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

WHO WILL PERFORM THE WORK:
CALIFORNIA LICENSED CONTRACTOR'S DECLARATION
I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. California State License - Contractor - 984852

Print Name: Jesse Castrejon Contractor Signature: [signature]

WORKER'S COMPENSATION DECLARATION :
WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:
(___) I have and will maintain a certificate of consent to self-insure for Workers' Compensation, issued by the Department of Labor Relations as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. Policy #: _____

(X) I have and will maintain Workers' Compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My Worker's Compensation insurance carrier and policy number are:
Carrier: _____ Policy #: _____ Expiration Date: _____

(X) I certify that in the performance of the work for which this permit is issued, I **shall not** employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should subsequently become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY
I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).
LENDER'S NAME: LENDER'S ADDRESS: _____

SIGNATURES AND AGREEMENT
(X) I certify that I have read this application and state that the information given is complete and correct. I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law. I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed. I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(X) Licensed Contractor (___) Agent for Contractor (___) Property Owner* (___) Agent for Owner**

SIGNATURE: [signature] Date: 10/18/17

*Requires separate verification form
** Requires separate authorization form

Contacts

Issued To:
CALI FIRE PROTECTION
640 Mingo Way
Lathrop, CA 95330
9255888606

Owner:
BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT # PS 2017-264670 PA #: _____ (if applicable)

1	Project Address: 4521 E 5th Ave	Unit #:	Floor:

2	Project Description: Adding 2 sprinklers in new bathrooms	Valuation of Project: $ 650

3	Type of Project:	Square Footage:	Project Includes:	Existing Use:
	New Structure:	Sq. Ft.	☐ Electrical	occupancy (B)
	Addition:	Sq. Ft.	☐ Mechanical	
	Alteration/Remodel:	300 Sq. Ft.	☐ Plumbing	
	Garage New:	Sq. Ft.		Proposed Use:
	Garage Alter:	Sq. Ft.		
	Other (Misc.):	Sq. Ft.		
	Demolition:	Sq. Ft.		

4	Property Owner's Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	Barry Jonal			

5	Applicant Information: ☐ Agent for Owner ☐ Owner ☐ Owner-Builder ☐ Agent for Contractor ☑ Contractor ☐ Architect ☐ Engineer ☐ Developer ☐ Tenant			
	Applicant's (Contact) Name: Jose Castrejon	Number & Street Name: 640 Mingo way	City & Zip Code: Patterson CA 95330	Phone Number: 9255888606
	Company Name: CaliFire Protection	E-Mail Address: CaliFireprotection22@gmail.com		Fax Number:

6	Contractor's Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	CaliFire Protection	640 Mingo way	Patterson CA 95330	925 588 8606
	Business License #:	Contractor's State License #: 984852		License Class: C-16
	Worker's Compensation Carrier:	Policy #:		Expiration Date: 6/30/19

7	Architect's Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	Company Name:	Lic#:	Email Address:	Fax Number:

8	Tenant's Name:	Number & Street Name:	City & Zip Code:	Phone Number:

9	Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.		
	Signature of Applicant:	Print Name: Jesse Castrejon	Date: 7/18/17

COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING DIVISION

330 West 20th Avenue :: San Mateo, CA 94403

650 522-7172 :: www.cityofsanmateo.org

Monday – Friday 8:00 a.m. – 4:30 p.m.

Closed Thursday 8:00 a.m. – 9:00 a.m.

Permits can be applied for until 4:00 p.m.

Code Consultation / Plan Review is from 9:30 – 11:30 a.m. M-F

Additional Information/Notes:

$1154

RECEIPT (TRC-035580-18-10-2017)

October 18, 2017
BILLING CONTACT

CALI FIRE PROTECTION
640 Mingo Way
Lathrop, Ca 95330

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
FS-2017-264678 521 E 5Th Ave San Mateo, CA 94401	FS - Fire Sprinkler Comm Plan Rev (Without Calcs)	R26-3125-325263	Credit Card	$551.00
	FS - Fire Sprinkler Inspection Fee - Comm Alter	R24-5622-325206	Credit Card	$565.00
	FS - Fire Sprinkler Inspection Fea - Comm Per Head	R24-5622-325206	Credit Card	$38.00
			SUB TOTAL	**$1,154.00**
			TOTAL	**$1,154.00**



City of San Mateo
Finance
330 W. 20th Ave
San Mateo, CA 94403
(650) 522-7100
Welcome

002806-0012 Ryan L. 10/18/2017 09:29AM

BUSINESS LICENSE
Payment Tran Code:
Business Tax (BUSLIC 1)
Description: Cali Fire
Protection
Business Tax (BUSLIC 1)
2018 Item: BUSLIC 1
Business Tax (BUSLIC 1) 40.00

Payment Tran Code: SB1186
State Mandate Fee (BUSLIC
3)
Description: Cali Fire
Protection
SB1186 State Mandate Fee
(BUSLIC 3)
2018 Item: BUSLIC 3
SB1186 State Mandate
Fee (BUSLIC 3) 1.00

Payment Tran Code: B/L
Penalty (BUSLIC 4)
Description: Cali Fire
Protection
B/L Penalty (BUSLIC 4)
2018 Item: BUSLIC 4
B/L Penalty (BUSLIC 4) 6.00

47.00

Subtotal **47.00**
Total **47.00**

CREDIT CARD 47.00
Visa **********4113
Ref=44288181
Auth=002912
116--1
Successful transaction; The transaction completed successfully.

Change due 0.00

REVISION / PLAN REVIEW RESUBMITTAL Form

VERSION 3.2 REVISED 01/13/16

Project Number: 258827 R1

Planning Application #: (If Applicable) PA-2016-0023

Project Address: 521 E 5TH AVE

Delivered By: MIKE

Phone #: 510-714-2229

(Circle one that is applicable) REVISION / RESUBMITTAL

Date:

CITY OF SAN MATEO

JUL 11 2017

BUILDING DIVISION

CONTACT INFO: ☐ OWNER ☒ ARCHITECT ☒ CONTRACTOR ☐ ENGINEER ☐ DESIGNER

Name: TY BARBER Phone # 209-221-6623

Company: BARBER CONST CO. FAX / EMAIL 209-221-6451

Address: 2630 INGMAN CT.

TRACY, CA. 95377

Description of Revision / Resubmittal: Revision Valuation: $ 0

UPDATE FOOTINGS ALONG ONE SIDE OF BUILDING.

Checklist: All applications for revisions/plan check resubmittals must contain the following:

___ 1. Minimum of four COMPLETE or COLLATED sets of the revised plans.
___ 2. An itemized list of changes or corrections specifying the location on the plans. (If Plan Check Resubmittal, it can be listed on the Plan Check Correction Letter)
___ 3. All revisions/changes are clouded on the plans.
___ 4. Plans are wet signed by the architect or engineer. (Minimum two set of plans)

For Office Use:

Plan Check Submittal Sequence # 1

Received By: GV

Plan Check Time:

2 Hours x $_____ per hour = _____

ROUTE TO:

Fire ☐(___) Building ☑(LR) PW ☐(___)

Planning ☐(___) C&D ☐(___) Police ☐(___)

Wet Waste ☐(___) Other ☐(___)

# of plans submitted: 4

Approved By: [signature] Date: 07/18/17

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Inspection Record

REVISION

Commercial (Alter)
TI (Office)

Building Permit #:	BD-2016-258827	**IVR #:**	107983	**Project Valuation:**	$ 203,903.80
Assessor Parel #:	034186090			**Issued Date:**	03/30/2017
Project Address:	521 E 5TH AVE			**Expiration Date:**	01/09/2018

Issued To:
BARBER CONSTRUCTION
2630 WYMAN CT
TRACY, CA 953770000
2092216623

Owner:
BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

Work Description:

Comm. T.I in (E) Shell Space to include load and non-load bearing partitions; ceilings; site modification to include M,E,P's (3967 sq ft), (N) TRASH ENCLOSURE, (N) BIKE RACK, (N) (N) SIDEWALK AND (N) DRIVEWAY, (N) ROOFTOP MECHANICAL EQUIPMENT, RELOCATE PANEL
Revision #1: Update footings along one side of the building ISSUED 7/24/17
PA-2016-23

PLEASE BE ADVISED THAT YOU ARE RESPONSIBLE FOR THE FOLLOWING:

For making all inspection request. A minimum of 24 hours advance notice is required for all inspection performed by the Building Division. A minimum of 48 hours for all inspections performed by the Fire, Planning & Public Works Oepartments.
Please note this may not guarantee you the next business day inspection. Inspections are on a first call basis and a given number of inspections are allocated for each day.

When requesting a Building Inspection through our automated system, you will be required to provide the IVR# to schedule.

The day of a scheduled inspection, you may call the Building Division after 8:30 a.m. to receive a 2 hour timeframe of the scheduled inspection.

Inspections are performed Monday thru Friday 8:30a.m. to 5p.m.

Maintain all construction documents (approved plans, permit card) in a legible condition and ensure that they are at the job site for inspections.

Provide any and all equipment (ladders, lights, etc.) necessary to complete the inspection.

This permit becomes invalid if work is not commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180-day after the time the work is commenced.

This permit does not include any construction within the Public Right of Way. Any construction in this area requires a separate permit from the Public Works Department.

Hours of Construction:

Monday-Friday:	**7:00a.m. - 7:00p.m.**
Saturday:	**9:00a.m. - 5:00p.m.**
Sunday	**12:00p.m. - 4:00p.m.**
Holiday	**12:00p.m. - 4:00p.m.**

Related Actions and Sub Permits Associated to Main Permit

PA-2016-0023 - Planning Application

For Inspection Request Please Call:

Building:	**(650) 522-7170 (IVR # Required)**
Fire:	**(650) 522-7940**
Planning:	**(650) 522-7202**
Public Works:	**(650) 522-7522 Ext- 6900**

Storm Water Pollution Prevention (STOPPP) inspections will need to call the Public Works Department to schedule:
- **STOPPP Pre-Construction Inspection &**
- **STOPPP Final Inspection**

All projects associated with a Planning Application are required to call the Planning Department to schedule the following inspections:
- **Planning Rough Frame &**
- **Planning Final**

NOTE: THIS CARD AND APPROVED PLANS MUST BE KEPT DISPLAYED IN A CONSPICUOUS PLACE ON OR IN THE BUILDING WHERE THE SAME CAN BE READILY SEEN BY THE INSPECTORS. Inspections must be called for and made as required by Section 108.2 of the Uniform

RECEIPT (TRC-031964-24-07-2017)

July 24, 2017
BILLING CONTACT
Baljit (Barry) Johal
BJJF LLC
244 9Th Street
San Francisco, Ca 94103

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2016-258827 521 E 5Th Ave San Mateo, CA 94401	Building Plan Check (Hourly)	R26-3125-325406	Check #1259	$391.20
			SUB TOTAL	**$391.20**
			TOTAL	**$391.20**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance

Commercial (Alter)

Fence

Building Permit: BD-2018-267909

IVR #: 118698

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E 5TH AVE	034186090	$10,000.00

Work Descripton: BUILD NEW 8FT REDWOOD FENCE ON PROERTY LINE FOR A OFFICE BUILDING.

Issued Date: 07/09/2018 **Previous Use:**

Expiration Date: 01/09/2019 **Proposed Use:**

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

OWNER/BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the California Contractor's License Law for the following reason: (Business and Professions Code, Sec. 7031.5: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law, Chapter 9 commencing, with Section 7000 of Division 3 of the Business and Professions Code, or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.):

(___) I, as OWNER of the property, or my employees with wages as their sole compensation, will do (___) all of or (___) portions of the work, and the structure is not intended or offered for sale. (Section 7044, Business and Professions Code: The Contractors' License Law does not apply to an DWNER of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the OWNER - BUILDER will have the burden of proving that he or she did not build or improve for the purpose of sale.)

(X) I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project. (Section 7044, Business and Professions Code: The Contractors' License Law does not apply to an OWNER of property who contracts for the projects with a licensed Contractor pursuant to the Contractors' State License Law.)

(___) I am exempt from licensure under Contractors' State License Law for the following reasons:

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by the permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request and / or is available at the following website: http://www.leginfo.ca.gov/calaw.html.

Print: BJJF LLC SIGNATURE:

Date: 7/9/18 (___) Authorized Agent (X) Owner

SIGNATURES AND AGREEMENT

(X) I certify that I have read this application and state that the information given is complete and correct. I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law. I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed. I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(___) Licensed Contractor (___) Agent for Contractor (X) Property Owner* (___) Agent for Owner**

SIGNATURE: Date: 7/9/18

*Requires separate verification form

** Requires separate authorization form

Contacts

Issued To:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

Owner:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT #_____ **PA #:**_____ **(if applicable)**

1	**Project Address:** 521 E 5TH AVE, SAN MATEO	**Unit #:**	**Floor:**	CA 94402

2	**Project Description:** NEW FENCE	**Valuation of Project:** $ 10,000

3	**Type of Project:**	**Square Footage:**	**Project Includes:**	**Existing Use:**
	New Structure:	Sq. Ft.	☐ Electrical	
	Addition:	Sq. Ft.	☐ Mechanical	
	Alteration/Remodel:	Sq. Ft.	☐ Plumbing	
	Garage New:	Sq. Ft.		**Proposed Use:**
	Garage Alter:	Sq. Ft.		
	Other (Misc.):	Sq. Ft.		
	Demolition:	Sq. Ft.		

4	**Property Owner's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**
	BJJF, LLC	244 9TH ST	SF	415 678 6800

5					
	Applicant Information: ☐ Agent for Owner ☒ Owner ☐ Owner-Builder ☐ Agent for Contractor ☐ Contractor ☐ Architect ☐ Engineer ☐ Developer ☐ Tenant				
	Applicant's (Contact) Name: BARRY JOHAL	**Number & Street Name:** 244 9TH ST	**City & Zip Code:** SF	**Phone Number:** 415 678 6800	
	Company Name:	**E-Mail Address:**		**Fax Number:**	

6	**Contractor's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**
	BARBER CONSTRUCTION	2630 WYMAN CT	TRACY	209-221-6623
	Business License #:	**Contractor's State License #:**		**License Class:**
	Worker's Compensation Carrier:	**Policy #:**		**Expiration Date:**

7	**Architect's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**
	Company Name:	**Lic#:**	**Email Address:**	**Fax Number:**

8	**Tenant's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**

9	
	Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.
	Signature of Applicant: **Print Name:** B. JOHAL **Date:** 7/9/18

COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING DIVISION

330 West 20th Avenue :: San Mateo, CA 94403

650 522-7172 :: www.cityofsanmateo.org

Monday – Friday 8:00 a.m. – 4:30 p.m.

Closed Thursday 8:00 a.m. – 9:00 a.m.

Permits can be applied for until 4:00 p.m.

Code Consultation / Plan Review is from 9:30 – 11:30 a.m. M-F

Additional Information/Notes:

Property Owner of: 76 Gas 524 4th Ave., San Mateo, CA, Parcel Number 034186110.

Platinum Energy
29501 Canwood Street, Suite 200
Agoura Hills, CA 91301
Tel: 818-206-5700

Hello,

We have removed the old eight foot high chain link fence as requested by the City of San Mateo and replaced it with a eight foot 'Good Neighbor' fence at 521 E. 5th Ave. San Mateo which shares a fence with your gas station.
If you require photos, they can be emailed to you.
Please email me at bjohal777@gmail.com or call 415-678-6800

Thanks,

Barry Johal

Please sign below, giving your approval of the new fence.

Approval is contingent on Barry Johal incurring all costs associated with removal and replacement of the fence.

Signature: [signature] Date 6/13/18
Platinum Energy

Hello,

My name is Barry Johal, owner of 521 E. 5th Ave. We have constructed an Eight foot fence which borders your property.

Please sign below, giving your approval of the new fence.

411 S. Claremont Street
San Mateo, CA 94401

Signature: _____ Date 6/3/18

PROPERTY OWNER-BUILDER
Form

VERSION 1.0 REVISED 01/20/15

PROPERTY OWNER'S PACKAGE

Disclosures & Forms for Owner-Builders Applying for Construction Permits

***IMPORTANT!* NOTICE TO PROPERTY OWNER**

Dear Property Owner:

An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified at 521 E 5th Ave, San Mateo CA 94402 We are providing you with an Owner-Builder Acknowledgment and Information Verification Form to make you aware of your responsibilities and possible risk you may incur by having this permit issued in your name as the Owner-Builder. **We will not issue a building permit until you have read, initialed your understanding of each provision, signed, and returned this form to us at our official address indicated.** An agent of the owner cannot execute this notice unless you, the property owner, obtain the prior approval of the permitting authority.

OWNER'S ACKNOWLEDGMENT AND VERIFICATION OF INFORMATION

DIRECTIONS: Read and initial each statement below to signify you understand or verify this information.

_____ 1. I understand a frequent practice of unlicensed persons is to have the property owner obtain an "Owner- Builder" building permit that erroneously implies that the property owner is providing his or her own labor and material personally. I, as an Owner-Builder, may be held liable and subject to serious financial risk for any injuries sustained by an unlicensed person and his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an Owner-Builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

_____ 2. I understand building permits are not required to be signed by property owners unless they are *responsible* for the construction and are not hiring *a* licensed Contractor to assume this responsibility.

_____ 3. I understand as an "Owner-Builder" I am the responsible party of record on the permit. I understand that I may protect myself from potential financial risk by hiring a licensed Contractor and having the permit filed in his or her name instead of my own.

_____ 4. I understand Contractors are required by law to be licensed and bonded in California and to list their license numbers on permits and contracts.

_____ 5. I understand if I employ or otherwise engage any persons, other than California licensed Contractors, and the total value of my construction is at least five hundred dollars ($500), including labor and materials, I may be considered an "employer" under state and federal law.

_____ 6. I understand if I am considered an "employer" under state and federal law, I must register with the state and federal government, withhold payroll taxes, provide workers' compensation disability insurance, and contribute to unemployment compensation for each "employee." I also understand my failure to abide by these laws may subject me to serious financial risk.

_____ 7. I understand under California Contractors' State License Law, an Owner-Builder who builds single-family residential structures cannot legally build them with the intent to offer them for sale, unless *all* work is performed by licensed subcontractors and the number of structures does not exceed four within any calendar year, or all of the work is performed under contract with a licensed general building Contractor.

_____ 8. I understand as an Owner-Builder if I sell the property for which this permit is issued, I may be held liable for any

financial or personal injuries sustained by any subsequent owner(s) that result from any latent construction defects in the workmanship or materials.

___9. I understand I may obtain more information regarding my obligations as an "employer" from the Internal Revenue Service, the United States Small Business Administration, the California Department of Benefit Payments, and the California Division of Industrial Accidents. I also understand I may contact the California Contractors' State License Board (CSLB) at 1-800-321-CSLB (2752) or www.cslb.ca.gov for more information about licensed contractors.

___10. I am aware of and consent to an Owner-Builder building permit applied for in my name, and understand that I am the party legally and financially responsible for proposed construction activity at the following address:
521 E 5TH AVE, SM. CA 94402

___11. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern Owner-Builders as well as employers.

___12. I agree to notify the issuer of this form immediately of any additions, deletions, or changes to any of the information I have provided on this form. Licensed contractors are regulated by laws designed to protect the public. If you contract with someone who does not have a license, the Contractors' State License Board may be unable to assist you with any financial loss you may sustain as a result of a complaint. Your only remedy against unlicensed Contractors may be in civil court. It is also important for you to understand that if an unlicensed Contractor or employee of that individual or firm is injured while working on your property, you may be held liable for damages. If you obtain a permit as Owner-Builder and wish to hire Contractors, you will be responsible for verifying whether or not those Contractors are properly licensed and the status of their workers' compensation insurance coverage.

Before a building permit can be issued, this form must be completed and signed by the property owner and returned to the agency responsible for issuing the permit. ***Note: A copy of the property owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.***

Signature of property owner _____ Date: 2/9/18

Note: The following Authorization Form is required to be completed by the property owner only when designating an agent of the property owner to apply for a construction permit for the Owner-Builder.

AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNER'S BEHALF

Excluding the Notice to Property Owner, the execution of which I understand is my personal responsibility, I hereby authorize the following person(s) to act as my agent(s) to apply for, sign, and file the documents necessary to obtain an Owner-Builder Permit for my project.

Scope of Construction Project (or Description of Work): _____

Project Location or Address: _____

Name of Authorized Agent: _____ Tel No _____

Address of Authorized Agent: _____

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy. *Note: A copy of the owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.*

Property Owner's Signature: _____ Date: _____

RECEIPT (TRC-046528-09-07-2018)

July 09, 2018
BILLING CONTACT
Baljit (Barry) Johal
BJJF LLC
244 9Th Street
San Francisco, Ca 94103

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2018-267909 521 E 5Th Ave San Mateo, CA 94401	Building Permit Fee	R26-3125-325401	Check #1308	$493.03
	Building Plan Check Fee	R26-3125-325406	Check #1308	$425.53
	Building Standards Commission Fee	B10-224104	Check #1308	$1.00
	Fire Plan Check - CDD	R26-3125-325263	Check #1308	$7.00
	General Plan Maintenance Fee	R25-3112-340116	Check #1308	$40.00
	Park Plan Check & Inspection Fee	R26-3125-340126	Check #1308	$7.00
	Planning Support Fee	R26-3111-340106	Check #1308	$34.00
	SMI Tax - Commercial	B10-224102	Check #1308	$2.80
	Technology Fee	R26-3125-325407	Check #1308	$10.00
			SUB TOTAL	**$1,020.36**
SG-2018-267910 521 E 5Th Ave San Mateo, CA 94401	Temporary Banner (30 Day)	R26-3125-325401	Check #1308	$80.00
			SUB TOTAL	**$80.00**
			TOTAL	**$1,100.36**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance

Signs

Temporary Banner

Building Permit: SG-2018-267910

IVR #: 118699

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E 5TH AVE	034186090	$0.00

Work Descripton: INSTALL 27SF (1) TEMPORARY BANNER SIGN ON THE FRONT OF THE BUILDING (DELAWARE ST).

Issued Date: 07/09/2018 **Previous Use:**

Expiration Date: 01/09/2019 **Proposed Use:**

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

OWNER/BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the California Contractor's License Law for the following reason: (Business and Professions Code, Sec. 7031.5: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law, Chapter 9 commencing, with Section 7000 of Division 3 of the Business and Professions Code, or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.):

(X) I, as OWNER of the property, or my employees with wages as their sole compensation, will do (X) all of or (___) portions of the work, and the structure is not intended or offered for sale. (Section 7044, Business and Professions Code: The Contractors' License Law does not apply to an OWNER of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the OWNER - BUILDER will have the burden of proving that he or she did not build or improve for the purpose of sale.)

(___) I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project. (Section 7044, Business and Professions Code: The Contractors' License Law does not apply to an OWNER of property who contracts for the projects with a licensed Contractor pursuant to the Contractors ' State License Law.)

(___) I am exempt from licensure under Contractors' State License Law for the following reasons:

_____

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by the permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request and / or is available at the following website: http://www.leginfo.ca.gov/calaw.html.

Print: BJJF LLC SIGNATURE: [signature]

Date: 7/9/18 (___) Authorized Agent (X) Owner

SIGNATURES AND AGREEMENT

(X) I certify that I have read this application and state that the information given is complete and correct. I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law. I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed. I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(___) Licensed Contractor (___) Agent for Contractor (X) Property Owner* (___) Agent for Owner**

SIGNATURE: [signature] Date: 7/9/18

*Requires separate verification form

** Requires separate authorization form

Contacts

Issued To:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

Owner:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT # 267910 **PA #:** _____ **(if applicable)**

1	**Project Address:** 521 E 5TH AVE, SM 94402	**Unit #:**	**Floor:**

2	**Project Description:** (1) TEMPORARY BANNER	**Valuation of Project:** $ ~~18,000~~ 0

3	Type of Project:	Square Footage:	Project Includes:	Existing Use:
	New Structure:	Sq. Ft.	☐ Electrical	
	Addition:	Sq. Ft.	☐ Mechanical	
	Alteration/Remodel:	Sq. Ft.	☐ Plumbing	
	Garage New:	Sq. Ft.		Proposed Use:
	Garage Alter:	Sq. Ft.		
	Other (Misc.):	Sq. Ft.		
	Demolition:	Sq. Ft.		

4	**Property Owner's Name:** BJJF, LLC	**Number & Street Name:** 244 9TH ST,	**City & Zip Code:** SF 94108	**Phone Number:** 415 786 [illegible]

5	**Applicant Information:**	☐ Agent for Owner	☒ Owner	☐ Owner-Builder	☐ Agent for Contractor	☐ Contractor
		☐ Architect	☐ Engineer	☐ Developer	☐ Tenant	
	Applicant's (Contact) Name: SAME ABOVE	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**		
	Company Name:	**E-Mail Address:**	**Fax Number:**			

6	**Contractor's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**
	Business License #:	**Contractor's State License #:**		**License Class:**
	Worker's Compensation Carrier:	**Policy #:**		**Expiration Date:**

7	**Architect's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**
	Company Name:	**Lic#:**	**Email Address:**	**Fax Number:**

8	**Tenant's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**

9	**Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.**
	Signature of Applicant: [signature] **Print Name:** **Date:**

COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING DIVISION

330 West 20th Avenue :: San Mateo, CA 94403

650 522-7172 :: www.cityofsanmateo.org

Monday – Friday 8:00 a.m. – 4:30 p.m.

Closed Thursday 8:00 a.m. – 9:00 a.m.

Permits can be applied for until 4:00 p.m.

Code Consultation / Plan Review is from 9:30 – 11:30 a.m. M-F

Additional Information/Notes:

PROPERTY OWNER-BUILDER Form

VERSION 1.0 REVISED 01/20/15

PROPERTY OWNER'S PACKAGE

Disclosures & Forms for Owner-Builders Applying for Construction Permits

***IMPORTANT!* NOTICE TO PROPERTY OWNER**

Dear Property Owner:

An application for a building permit has been submitted in your name listing yourself as the builder of the property improvements specified at 521 E 5TH AVE, SAN MATEO CA 94402. We are providing you with an Owner-Builder Acknowledgment and Information Verification Form to make you aware of your responsibilities and possible risk you may incur by having this permit issued in your name as the Owner-Builder. **We will not issue a building permit until you have read, initialed your understanding of each provision, signed, and returned this form to us at our official address indicated.** An agent of the owner cannot execute this notice unless you, the property owner, obtain the prior approval of the permitting authority.

OWNER'S ACKNOWLEDGMENT AND VERIFICATION OF INFORMATION

DIRECTIONS: Read and initial each statement below to signify you understand or verify this information.

_____ 1. I understand a frequent practice of unlicensed persons is to have the property owner obtain an "Owner- Builder" building permit that erroneously implies that the property owner is providing his or her own labor and material personally. I, as an Owner-Builder, may be held liable and subject to serious financial risk for any injuries sustained by an unlicensed person and his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an Owner-Builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

_____ 2. I understand building permits are not required to be signed by property owners unless they are *responsible* for the construction and are not hiring a licensed Contractor to assume this responsibility.

_____ 3. I understand as an "Owner-Builder" I am the responsible party of record on the permit. I understand that I may protect myself from potential financial risk by hiring a licensed Contractor and having the permit filed in his or her name instead of my own.

_____ 4. I understand Contractors are required by law to be licensed and bonded in California and to list their license numbers on permits and contracts.

_____ 5. I understand if I employ or otherwise engage any persons, other than California licensed Contractors, and the total value of my construction is at least five hundred dollars ($500), including labor and materials, I may be considered an "employer" under state and federal law.

_____ 6. I understand if I am considered an "employer" under state and federal law, I must register with the state and federal government, withhold payroll taxes, provide workers' compensation disability insurance, and contribute to unemployment compensation for each "employee." I also understand my failure to abide by these laws may subject me to serious financial risk.

_____ 7. I understand under California Contractors' State License Law, an Owner-Builder who builds single-family residential structures cannot legally build them with the intent to offer them for sale, unless *all* work is performed by licensed subcontractors and the number of structures does not exceed four within any calendar year, or all of the work is performed under contract with a licensed general building Contractor.

_____ 8. I understand as an Owner-Builder if I sell the property for which this permit is issued, I may be held liable for any

financial or personal injuries sustained by any subsequent owner(s) that result from any latent construction defects in the workmanship or materials.

JL 9. I understand I may obtain more information regarding my obligations as an "employer" from the Internal Revenue Service, the United States Small Business Administration, the California Department of Benefit Payments, and the California Division of Industrial Accidents. I also understand I may contact the California Contractors' State License Board (CSLB) at 1-800-321-CSLB (2752) or www.cslb.ca.gov for more information about licensed contractors.

JL 10. I am aware of and consent to an Owner-Builder building permit applied for in my name, and understand that I am the party legally and financially responsible for proposed construction activity at the following address: 521 E 5TH AVE, SM. CA 94402

JL 11. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern Owner-Builders as well as employers.

JL 12. I agree to notify the issuer of this form immediately of any additions, deletions, or changes to any of the information I have provided on this form. Licensed contractors are regulated by laws designed to protect the public. If you contract with someone who does not have a license, the Contractors' State License Board may be unable to assist you with any financial loss you may sustain as a result of a complaint. Your only remedy against unlicensed Contractors may be in civil court. It is also important for you to understand that if an unlicensed Contractor or employee of that individual or firm is injured while working on your property, you may be held liable for damages. If you obtain a permit as Owner-Builder and wish to hire Contractors, you will be responsible for verifying whether or not those Contractors are properly licensed and the status of their workers' compensation insurance coverage.

Before a building permit can be issued, this form must be completed and signed by the property owner and returned to the agency responsible for issuing the permit. ***Note: A copy of the property owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.***

Signature of property owner JL Date: 7/9/18

Note: The following Authorization Form is required to be completed by the property owner only when designating an agent of the property owner to apply for a construction permit for the Owner-Builder.

AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNER'S BEHALF

Excluding the Notice to Property Owner, the execution of which I understand is my personal responsibility, I hereby authorize the following person(s) to act as my agent(s) to apply for, sign, and file the documents necessary to obtain an Owner-Builder Permit for my project.

Scope of Construction Project (or Description of Work): _____

Project Location or Address: _____

Name of Authorized Agent: _____ Tel No _____

Address of Authorized Agent: _____

I declare under penalty of perjury that I am the property owner for the address listed above and I personally filled out the above information and certify its accuracy. *Note: A copy of the owner's driver's license, form notarization, or other verification acceptable to the agency is required to be presented when the permit is issued to verify the property owner's signature.*

Property Owner's Signature: _____ Date: _____

RECEIPT (TRC-046528-09-07-2018)

July 09, 2018

BILLING CONTACT
Baljit (Barry) Johal
BJJF LLC
244 9Th Street
San Francisco, Ca 94103

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2018-267909 521 E 5Th Ave San Mateo, CA 94401	Building Permit Fee	R26-3125-325401	Check #1308	$493.03
	Building Plan Check Fee	R26-3125-325406	Check #1308	$425.53
	Building Standards Commission Fee	B10-224104	Check #1308	$1.00
	Fire Plan Check - CDD	R26-3125-325263	Check #1308	$7.00
	General Plan Maintenance Fee	R25-3112-340116	Check #1308	$40.00
	Park Plan Check & Inspection Fee	R26-3125-340126	Check #1308	$7.00
	Planning Support Fee	R26-3111-340106	Check #1308	$34.00
	SMI Tax - Commercial	B10-224102	Check #1308	$2.80
	Technology Fee	R26-3125-325407	Check #1308	$10.00
			SUB TOTAL	**$1,020.36**
SG-2018-267910 521 E 5Th Ave San Mateo, CA 94401	Temporary Banner (30 Day)	R26-3125-325401	Check #1308	$80.00
			SUB TOTAL	**$80.00**
			TOTAL	**$1,100.36**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance
Fire Alarm System (Alteration)

Building Permit: FA-2017-264544

IVR #: 114714

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E 5TH AVE	034186090	$1,500.00

Work Descripton: F3- Fire Sprinkler Monitoring System. Install 1 manual box, 1 pull station, 1 horn, and 2 switches.
Total 5 devices
Comm. T.I in (E) Shell Spac Permit # 258827
PA-2016-23

Issued Date: 10/06/2017 **Previous Use:** Offices

Expiration Date: 04/04/2018 **Proposed Use:** Offices

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

WHO WILL PERFORM THE WORK:
CALIFORNIA LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. California State License - Contractor - 806216

Print Name: TERRY YOW Contractor Signature: [signature]

WORKER'S COMPENSATION DECLARATION :

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

( ) I have and will maintain a certificate of consent to self-insure for Workers' Compensation, issued by the Department of Labor Relations as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. Policy #: _____

(X) I have and will maintain Workers' Compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My Worker's Compensation Insurance carrier and policy number are:
Carrier: SENTRY NATIONAL Policy #: SWC1142709 Expiration Date: 3/18

( ) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should subsequently become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).
LENDER'S NAME: LENDER'S ADDRESS: _____

SIGNATURES AND AGREEMENT

(X) I certify that I have read this application and state that the information given is complete and correct . I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law . I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed . I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(X) Licensed Contractor ( ) Agent for Contractor ( ) Property Owner* ( ) Agent for Owner**

SIGNATURE: [signature] Date: 6 OCT 17

*Requires separate verification form
** Requires separate authorization form

Contacts

Issued To:
SAN FRANCISCO FIRE PROTECTION
16155 VIA SEGUNDO AVE
SAN LORENZO, CA 945800000
5107800854

Owner:
BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT # 2016544 PA #: _____ (if applicable)

1	Project Address: 521 E 5th AVE	Unit #:	Floor:

2	Project Description: (1) box (2) switch SPRINKLER MONITORING (1) horn. 1 pull station	Valuation of Project: $1,500.00

3	Type of Project:	Square Footage:	Project Includes:	Existing Use:
	New Structure:	Sq. Ft.	☐ Electrical	
	Addition:	Sq. Ft.	☐ Mechanical	
	Alteration/Remodel:	Sq. Ft.	☐ Plumbing	
	Garage New:	Sq. Ft.		Proposed Use:
	Garage Alter:	Sq. Ft.		
	Other (Misc.):	Sq. Ft.		
	Demolition:	Sq. Ft.		

4	Property Owner's Name: BJJF LLC	Number & Street Name: 521 E 5th AVE	City & Zip Code: SAN MATEO	Phone Number: 415-672-6800

5	Applicant Information: ☐ Agent for Owner ☐ Owner ☐ Owner-Builder ☐ Agent for Contractor ☒ Contractor ☐ Architect ☐ Engineer ☐ Developer ☐ Tenant			
	Applicant's (Contact) Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	Company Name:	E-Mail Address:		Fax Number:

6	Contractor's Name: SAN FRANCISCO FIRE PROTECTION	Number & Street Name: 1315 FAIRFAX AVE STE B	City & Zip Code: S.F. 94124	Phone Number: 415 282 4288
	Business License #: 28331	Contractor's State License #: 806216		License Class: C-10
	Worker's Compensation Carrier: SECURITY NATIONAL	Policy #: SWC1142704		Expiration Date: 3-1-18

7	Architect's Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	Company Name:	Lic#:	Email Address:	Fax Number:

8	Tenant's Name:	Number & Street Name:	City & Zip Code:	Phone Number:

9	Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.		
	Signature of Applicant:	Print Name: TOMMY TOW	Date: 6 OCT 17

COMMUNITY DEVELOPMENT DEPARTMENT

BUILDING DIVISION

330 West 20th Avenue :: San Mateo, CA 94403

650 522-7172 :: www.cityofsanmateo.org

Monday – Friday 8:00 a.m. – 4:30 p.m.

Closed Thursday 8:00 a.m. – 9:00 a.m.

Permits can be applied for until 4:00 p.m.

Code Consultation / Plan Review is from 9:30 – 11:30 a.m. M-F

Additional Information/Notes:

RECEIPT (TRC-034894-06-10-2017)

October 06, 2017
BILLING CONTACT

SAN FRANCISCO FIRE PROTECTION
16155 Via Segundo Ave
San Lorenzo, Ca 945800000

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
FA-2017-264544 521 E 5Th Ave San Mateo, CA 94401	FA - Fire Alarm - Inspection Fee	R24-5622-325206	Check #2527	$522.00
	FA - Fire Alarm Inspection Fee - Per Device	R24-5622-325206	Check #2527	$180.00
	FA - Fire Alarm Plan Review - Alterations	R26-3125-325263	Check #2527	$551.00
			SUB TOTAL	**$1,253.00**

TOTAL **$1,253.00**

Farenhyt

SILENT KNIGHT by Honeywell

Intelligent Fire Alarm Control Panel

IFP-50

IFP-50 is an intelligent analog/addressable fire control panel (FACP). IFP-50 has a single line circuit (SLC) loop for connecting addressable detectors and modules and has two notification appliance circuits that can be programmed for notification outputs or auxiliary power. IFP-50 also has a built-in dual line digital fire communicator, Form C trouble relay, and two programmable Form C relays. The firmware has powerful features such as detector sensitivity, day/night thresholds, drift compensation and pre-trouble maintenance alert.

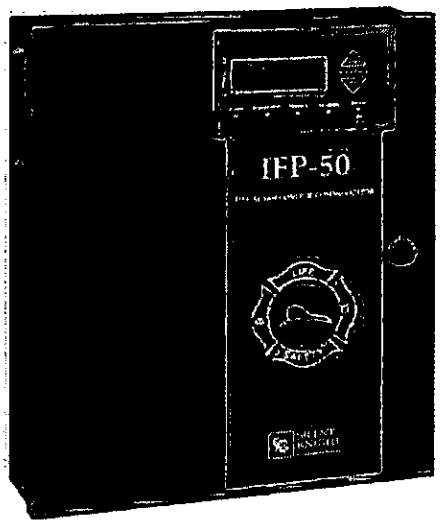
IFP-50 supports a variety of other devices that can be added to the system such as RA-100 or RA-1000 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), and 5496 intelligent power module, and SD or IDP devices.

Features

- Built-in support for up to 50 SD devices or 50 IDP detectors and 50 IDP modules
- Uses standard wire—no shielded or twisted pair required
- Built-in digital communicator for remote reporting of system activity and system programming
- Central station reporting by point or by zone
- Jumpstart® auto-programming
- Supports Class B (Style 4) and Class A (Style 6 or Style 7) configuration for SLC
- Distributed, intelligent power
- Built-in synchronization for appliances from AMSECO, Gentex®, Faraday, System Sensor®, and Wheelock®
- Sensor sensitivity settings and day/night sensitivity setting and automatic drift compensation
- Notification circuits can be configured as 1 Class A (Style Z), 2 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power
- Built-in annunciator with a backlit 80-character LCD display
- RS-485 bus provides communication to system accessories
- Built-in RS-232 interface for programming via PC
- Built-in Form C trouble relay rated at 2.5 amps at 24 VDC
- Two built-in Form C programmable relays rated at 2.5 amps at 24 VDC
- SLC device locator can be used to locate a single or multiple devices on a SLC loop
- System automatically performs detector sensitivity test
- 13 preset notification cadence patterns (including ANSI 3.41) and four user programmable patterns
- Upload or download programming, event history, or detector status onsite or from a remote location using a PC and 5650/5651 Silent Knight Software Suite (SKSS)
- Improvements in SKSS deliver five times faster upload/downloads
- Non volatile event history stores up to 1000 events
- 125 software zones and 125 output groups

Agency Listings

MEA 429-92-E Vol. XVI



IFP-50

- 2.5 amp power supply and maximum charging capacity of 35 amp hours (An additional cabinet enclosure is required for batteries in excess of 7 amp hours).
- Programmable date setting for Daylight Saving Time

Compatibility

The IFP-50 SLC supports multiple device types of the *same* protocol:

- SD
- IDP

You cannot mix SD and IDP devices on a FACP. However, any combination of addressable devices of the same protocol can be used on the IFP-50.

Specifications

Physical

Dimensions: 12.75"W x 15.2"H x 3.4"D
(36.8 W x 62.9 H x 9.8 D cm)

Weight: 11.5 lbs. (5.2 kg)

Color: Red

CITY OF SAN MATEO
OCT 06 2017
BUILDING DIVISION

P/N 350328 Rev. J

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Environmental
Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

Electrical
Primary AC: 120 VRMS @ 50/60 Hz, 2.7A

Total Accessory Load: 2.5A @ 27.4 VDC power-limited

Standby Current: 200 mA

Alarm Current: 365 mA

Battery Charging Capacity: 7 to 35 AH

Battery Size: 7 AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in RBB accessory cabinet.

Notification Appliance Circuits
Two circuits that can be programmed individually as:
Notification Circuits: 2.5A per circuit @ 27.4 VDC, power-limited
Auxiliary Power Circuits: 2.5A per circuit @ 27.4 VDC, power-limited

Indicator Lights
Alarm (Red): Flashes when in alarm; solid when alarm silenced

Supervisory (Yellow): Flashes when a supervisory condition exists; solid when supervisory silenced

Trouble (Yellow): Flashes when a trouble condition exists; solid when trouble silenced

Silenced (Yellow): On when an alarm, trouble or supervisory condition has been silenced but not yet cleared

Power (Green): Flashes for AC failure; solid when power systems are normal

Telephone
Requirements: FCC Part 15 & Part 68 approved

Jack: RJ31X (two required)

Approvals
NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service. Suitable for automatic, manual, waterflow, sprinkler supervisory (DACT non-coded) signalling services.

Other Approvals: UL Listing; CSFM 170-0559: 144; MEA 429-92-E Vol XVI

Approved Releasing Solenoid

Manufacturer	Part Number	Rating
Asco	T8210A107	24 VDC, 2.5A
Asco	8210G207	24 VDC, 2.5A

Ordering Information

IFP-50	Intelligent Fire Alarm Control Panel.

SBUS Accessories

RA-100	Remote Annunciator. Similar in operation and appearance to FACP annunciator.
RA-1000	Remote Annunciator. Four line LCD annunciator with 20 characters per line. Gray.
RA-1000R	Remote Annunciator. Four line LCD annunciator with 20 characters per line. Red.
5496	Intelligent Power Module. 6 amp power module that provides four additional power limited notification appliance circuits.
5824	Serial/Parallel Printer Interface Module. Provides one parallel and one RS-232 serial port for connecting a printer to IFP-50.
5880	LED I/O Module. Provides 40 LED outputs, eight normally open dry contacts inputs and one piezo output.
5865-3 & 5865-4	LEO Fire Annunciators. Provides 30 programmable LED outputs and a piezo sounder.
5883	Relay Interface Board. Provides 10 general purpose Form C relays. Used with 5880.

SD and IDP Devices

See the specification sheets listed below for a complete listing of the SD and IOP devices.

350360	SO Devices data sheet
350361	Intelligent Device Protocol (IDP) Devices data sheet

Miscellaneous Accessories

5650/5651	Silent Knight Software Suite. Provides programming, upload/download, and event reporting. Order 5650 for PC parallel port compatibility or 5651 for PC USB port compatibility
5670	Silent Knight Software Suite. Provides facility monitoring
RBB	Remote Battery Box Accessory Cabinet. Use if backup batteries are too large to fit into FACP cabinet. Dimensions: 16" W x 10" H x 6" D (406 mm W x 254 mm H x 152 mm D)
SP-TR	Small panel trim ring. Use to flush mount the panel. 16.975" H x 14.630" W.

SILENT KNIGHT®
by Honeywell

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical support, please call 800-446-6444. **www.farenhyt.com**

Assembled in the U.S.A.

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7165-0559:0144

CATEGORY: 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

LISTEE: SILENT KNIGHT SECURITY1985 Douglas Drive, MN10-212A, Golden Valley, MN 55422
Contact: Michael McIsaac (763) 493-6400 Fax (763) 391-5464
Email: mike.mcisaac@honeywell.com

DESIGN: Models *IFP-50 and *5700 Fire Alarm Control Units. Power limited, automatic, manual, local, remote station, central station, waterflow, water releasing and sprinkler supervisory service. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

IFP-50, 5700	Control Units
7628 EOL	Resistor
5860/5860R/RA-1000	Annunciator
5897	Power Supply
5496	*Notification Power Expander
5824	Serial/Parallel Interface
5865-3/5965-4	LED Annunciator
5880	LED IO Module
5883	Relay Interface Board
SD500-LIM	Line Isolation Module
SD505-61B	Isolation Base
RA-100	Remote Annunciator
3158	Reverse Polarity Module
5220	Direct Connect Module

RATING: 120 VAC Primary, 24 VDC Secondary

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical ratirig, and UL label.

APPROVAL: Listed as control units for use in high-rise structures when used in conjunction with Model SKE-360 Voice-Tone Evacuation Unit (CSFM Listing No. 6912-0559:122); EVAX Audio Adjunct System Models EVAX-25 (CSFM Listing No. 06911-1446:100), EVAX-50 or EVAX-50E (CSFM Listing No. 06911-1446:102); EVX-2ZA or EVX-4Z Zone Splitters (CSFM Listing No. 06912-1446:101); HMX-MP or HMX-DP Voice Evacuation System (CSFM Listing No. 06911-1446:103), two-way firefighter telephone and separately listed electrically and functionally compatible initiating and indicating devices. Also suitable for non-high rise applications where the voice evacuation and two-way firefighter telephone are not required. Refer to listee's Installation Instruction Manual for details.

Rev 10-3-08MA

This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*

Fire Engineering Division

NOTE: For Fire Alarm Verification Feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

Rev 10-3-08MA

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Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*

Fire Engineering Division

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SILENT KNIGHT
by Honeywell
Intelligent Devices

Intelligent Photoelectric Smoke Detector & Photoelectric Smoke with Thermal

IDP-Photo, IDP-Photo-T and IDP-PhotoR

The IDP-Photo is a photoelectric smoke detector and the IDP-Photo-T is a photoelectric smoke detector with thermal. These plug in smoke detectors, with integral communication, provide features that surpass conventional detectors and are for use with Silent Knight IFP-series fire alarm control panels (FACPs).

Detector sensitivity can be programmed from the FACP software. Sensitivity is continuously monitored and reported to the FACP. Point ID capability allows each detector's address to be set with rotary address switches, providing exact detector locations for selective maintenance when chamber contamination reaches unacceptable levels.

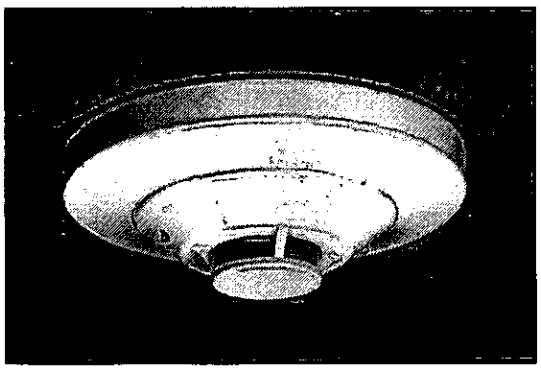
IDP-Photo and IDP-Photo-T have a unique optical sensing chamber that is engineered to sense smoke produced by a wide range of combustion sources. In the IDP-Photo-T, dual electronic thermistors add 135°F (57°C) thermal technology to maximize detection.

The IDP-PhotoR is a remote test capable detector for use with the DNR (W) duct smoke detectors.

Features

- Sleek, low-profile design
- Reliable analog communications for trouble-free operation
- Age resistant polymer housing
- Dual electronic thermistor design on the IDP-Photo-T
- Superior EMI resistance for reliability
- Simple field cleaning for code compliance
- Variety of mounting options to meet any application
- Dual LED indicators for 360° visibility
- Detector transmits signal to indicate maintenance is required
- Optional remote LED annunciator (System Sensor® PN RA100Z)
- Plug-in mounting provides ease of installation
- Tamper-proof feature available on mounting bases
- Listed for use in duct applications
- Rotary address switches for fast installation
- UL Listed

MEA
225-02-E Vol. V



IDP-Photo (Base not Included)

Installation

The IDP-Photo and IDP-Photo-T plug into a compatible IDP-series detector base. The IDP-PhotoR is a remote test capable detector for use with the DNR (W) duct smoke detectors

Compatibility

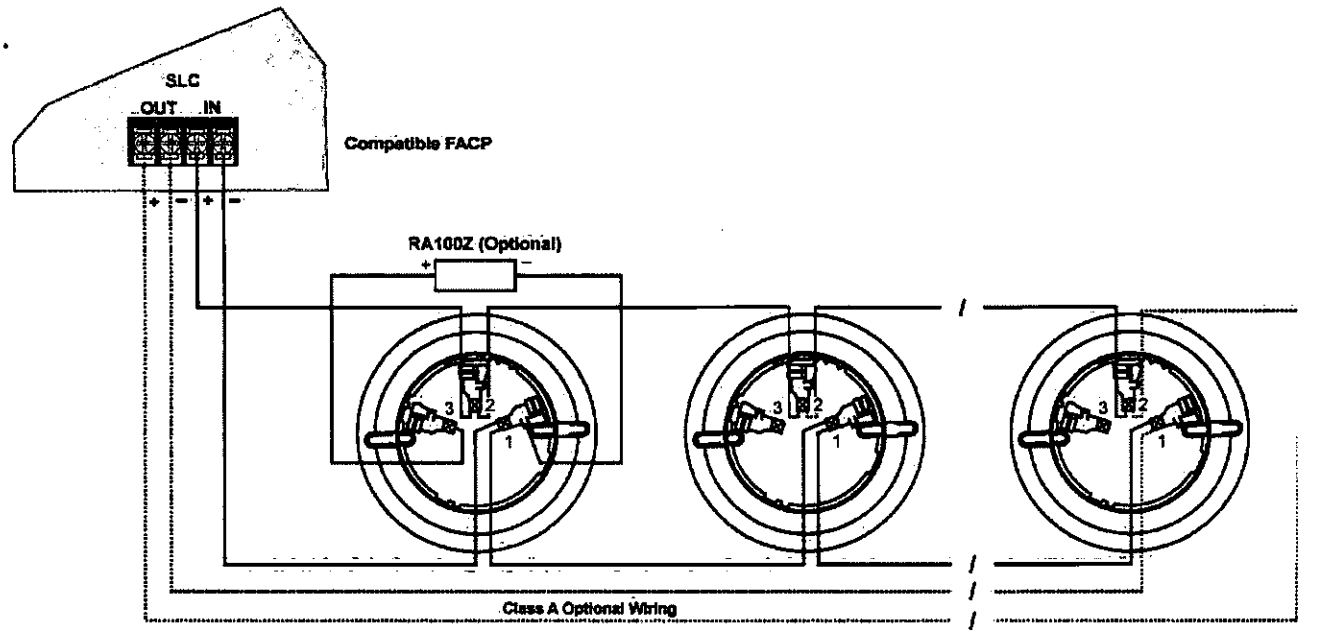
The IDP-Photo, IDP-Photo-T and IDP-PhotoR are compatible with the following IDP-series detector bases:

- B210LP 6" Mounting Base
- B501 4" Mounting Base
- B224BI 6" Isolator Base
- B224RB 6" Relay Base
- B200SR 6" Sounder Base

The IDP-Photo, IDP-Photo-T and IDP-PhotoR are compatible with the following FACPs:

- IFP-2000 / RPS-2000 Intelligent Fire Panel
- IFP-2000ECS Emergency Communication System with Fire Panel
- IFP-1000 / ECS Intelligent Fire Panel
- IFP-100 / ECS Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel
- IFP-25 Intelligent Fire Panel

P/N 350280 Rev G
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Wiring IDP-Series Detector Mounting Bases

Wiring IDP-Series Detector Mounting Bases

Specifications*

Physical

Height: 2.0" (5.0 cm)

Diameter: 4.1" (10.4 cm) installed in B501 base

Electrical

Operating Voltage: 15–32 VDC

SLC Standby and Alarm Current: 300 µA

Environmental

Operating Temperature

IDP-Photo: 32° – 120°F (0°C – 49°C)

IDP-Photo-T: 32° – 100°F (0°C – 38°C)

Humidity: 10% – 93% non-condensing

Other Ratings

IDP-Photo-T Thermal: Fixed temperature setpoint 135°F (57°C)

Velocity: 0 – 4000 fpm (0 – 20 m/sec) (suitable for installation in ducts)

IDP-Photo Insect Screen Hole Size: 0.016" (0.41 mm) nominal

Ordering Information

IDP-Photo	Photoelectric Smoke Detector
IDP-Photo-T	Photoelectric Smoke Detector with Thermal (135°F)
IDP-PhotoR	Photoelectric smoke detector, remote test capable, for use with DNR (W) duct smoke detector

Accessories

RA100Z	Remote LED Annunciator.
XR2B	Detector Removal Tool. A removal and replacement tool for IDP plug-in detectors. Includes the T55-127-000.
M02-04-01	Detector Test Magnet.
M02-09-00	Test Magnet with Telescoping Handle.
XP-4	Extension Pole for XR2B. Extends from 5 – 15 ft.
T55-127-000	Detector Removal Head.
BCK-200B	Black Detector Kit. For IDP-series detectors.

* Unless otherwise noted, specifications apply to IDP-Photo and IDP-Photo-T.

SILENT KNIGHT
by Honeywell

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118.
For Technical Support, Please call 800-446-6444. **www.farenhyt.com**

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7272-0559:0149

CATEGORY: 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

LISTEE: SILENT KNIGHT SECURITY 1985 Douglas Drive, MN10-212A, Golden Valley, MN 55422
Contact: Michael McIsaac (763) 493-6400 Fax (763) 391-5464
Email: mike.mcisaac@honeywell.com

DESIGN: Models IDP-PHOTO, IDP-PHOTOR*, IDP-PHOTO-T, IDP-ACCLIMATE, SK-PHOTO, SK-PHOTOR*, SK-PHOTO-T and SK-ACCLIMATE photoelectric type smoke detectors. Model IDP-PHOTO-T employs a 1350F supplement integral heat sensor which only assists in a fire situation. This thermal circuitry is NOT approved for use in lieu of a required heat detector. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 24 VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, product number, electrical rating and UL label.

APPROVAL: Listed as photoelectric type smoke detector for use with listee's separately listed compatible fire alarm control units and bases. All models are suitable for open areas and inside duct installations with air velocities between 0-4000 FPM. Models IDP-PHOTO and IDP-PHOTOR are approved for installations inside System sensor duct housing DNR (OSFM Listing No. 3242-1653:209) and DNRW (OSFM Listing No. 3242-1653:210)*. Models SK-PHOTO and SK-PHOTOR are approved for installations inside Silent Knight SK-DUCT (OSFM Listing No. 3242-0559:162) and System Sensor DNRW (OSFM Listing No. 3242-1653:210)*

NOTE: The photoelectric type detectors are generally more effective at detecting slow, smoldering fires that smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires that consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

XLF: 7272-0028:0206

*Rev. 02-01-10 fm

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Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*

Fire Engineering Division

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SILENT KNIGHT
by Honeywell

Addressable Single Action and Dual Action Pull Stations

IDP-Pull-SA & IDP-Pull-DA

The IDP-Pull-SA is a single action pull station requiring only one motion to activate the station. The IDP-Pull-DA is a dual action pull station requiring two motions to active the station. Both pull stations are designed to work with Silent Knight IFP-series fire alarm control panels (FACPs).

Features

- Installer can open station without causing an alarm condition
- Dual-color LED is visible through handle of station blinks green to indicate normal operation and remains steady red in an alarm condition
- Key operated test and reset lock using lock plate actuator
- Key matches compatible FACP locks
- Meets the Americans with Disabilities Act Accessibility Guidelines (ADAAG) controls and operating mechanisms guidelines (Section 4.1.3[13])
- Meets ADA requirement for 5 lbs maximum pull force to active
- Shell, door, and handle molded from durable LEXAN®
- Reliable analog communications for trouble-free operation
- Braille text on station handle
- Handle latches in down position and the word *Activated* appears, clearly indicating the station has been pulled
- Rotary address switches for fast installation
- UL Listed, including UL 38, Standard of Manually Actuated Signaling System

Installation

The IDP-Pull-SA and IDP-Pull-DA can be surface mounted to an SB-I/O surface back box or semi-flush mounted on a standard single-gang with a minimum depth of 2.13"(5.40 cm) or double-gang or 4" (10.61 cm) square electrical box. You can also use the optional (System Sensor® PN BG-TR) trim ring if the station is being semi-flush mounted.

Agency Listings

MEA
67-02-E Vol. IX
For IDP-Pull-DA



IDP-Pull-SA



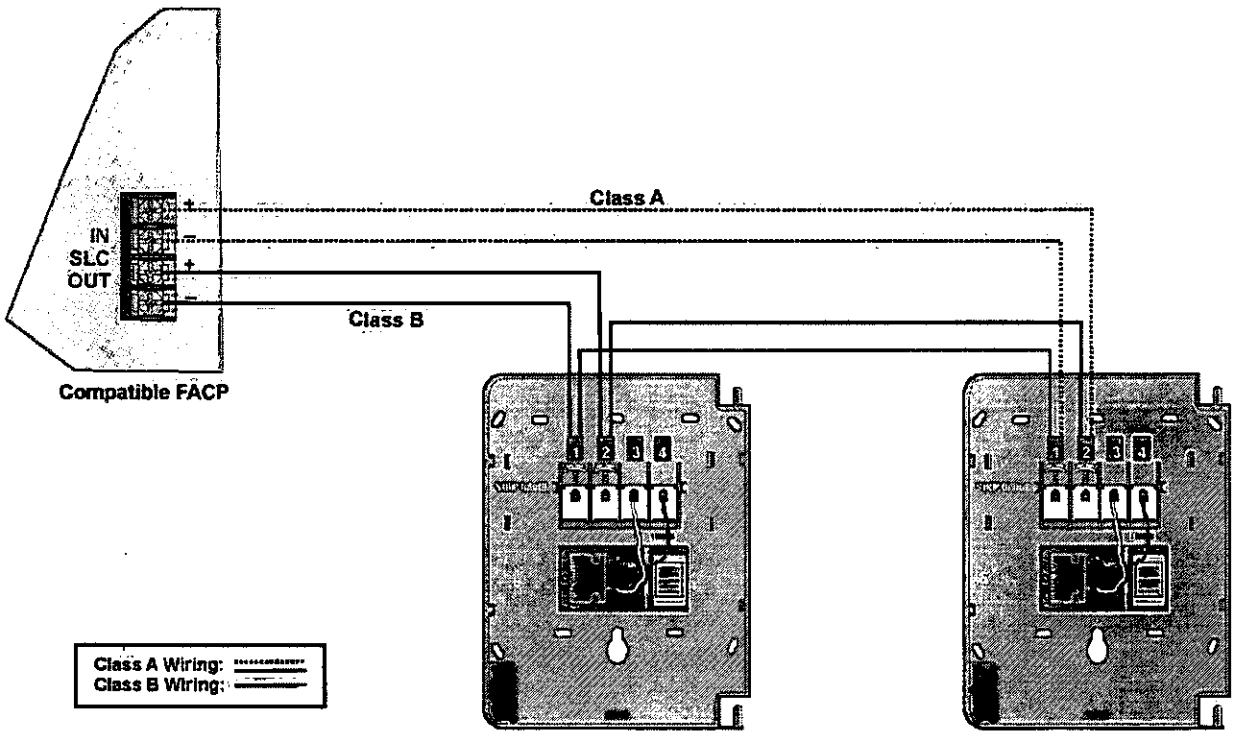
IDP-Pull-DA

Compatibility

The IDP-Pull-SA and IDP-Pull-DA are compatible with the following FACPs:

- IFP-2000 / RPS-2000 Intelligent Fire Panel
- IFP-1000 / ECS Intelligent Fire Panel
- IFP-100 / ECS Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

P/N 350286 Rev F
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Wiring IDP-Pull-SA & IDP-Pull-DA Pull Stations

Specifications*

Physical

Height: 5.5" (14 cm)

Width: 4" (10.2 cm)

Depth: 5.4 oz. (3.7 cm)

Housing Material: LEXAN polycarbonate resin

Bi-Colored LED:
Blinking Green: Normal

Steady Red: Alarm

Switch: Single pole, single throw (SPST) normally open (N/O) switch which closes upon activation of the pull station

Electrical

Operating Voltage: 15–32 VDC

Operating Current (LED flashing): 300 µA

Wire Gauge: Up to 12 AWG (3.1 mm^2)

Environmental

Operating Temperature 32° – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

Ordering Information

IDP-Pull-SA	Single Action Pull Station
IDP-Pull-DA	Dual Action Pull Station

Accessories

BG-TR	Optional trim ring.
SB-I/O	Surface backbox, indoor/outdoor.

* Unless otherwise noted, specifications apply to IDP-Pull-SA and IDP-Pull-DA.

SILENT KNIGHT
by Honeywell

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For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please call 800-446-6444. www.farenhyt.com

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CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7150-0559:0157

CATEGORY: 7150 -- FIRE ALARM PULL BOXES

LISTEE: SILENT KNIGHT SECURITY1985 Douglas Drive, MN10-212A, Golden Valley, MN 55422
Contact: Michael McIsaac (763) 493-6400 Fax (763) 391-5464
Email: mike.mcisaac@honeywell.com

DESIGN: Model IDP-PULL-SA manual pull box. Refer to listee's data sheet for detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, rating, and UL label.

APPROVAL: Listed as fire alarm pull boxes for use with separately listed compatible fire alarm control units.

* These manual pull boxes meet the requirements of UL Standard 38, 1999 Edition and California amendments.

XLF: 7150-0028:0199

*Updated 09-08-09 fm

This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*

Fire Engineering Division

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SILENT KNIGHT
by Honeywell

IDP-Minimon

The IDP-Minimon is a compact and light weight addressable monitor module for use with Silent Knight IFP-series fire alarm control panels (FACPs). The IDP-Minimon acts as an interface to contact devices, such as waterflow switches and pull stations.

The IDP-Minimon supports Class B supervised wiring to the load device. Conventional 4-wire smoke detectors can be monitored for alarm and trouble conditions.

Features

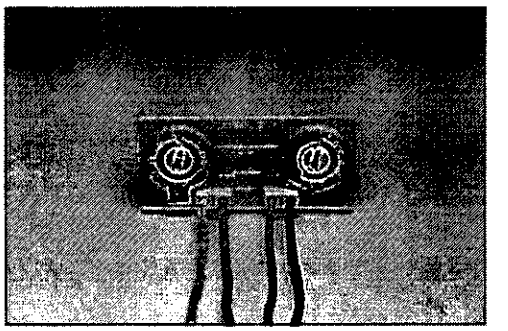
- Single contact monitor
- Small and lightweight size allows for flexible mounting options
- Support for Class B wiring
- Fully supervised
- Rotary address switches for fast installation
- Analog communications
- UL Listed

Installation

The IDP-Minimon can be mounted in a single gang junction box directly behind the monitored device. Its small size and light weight allow it to be installed without rigid mounting requirements.

Agency Listings

MEA
457-99-E Vol. V



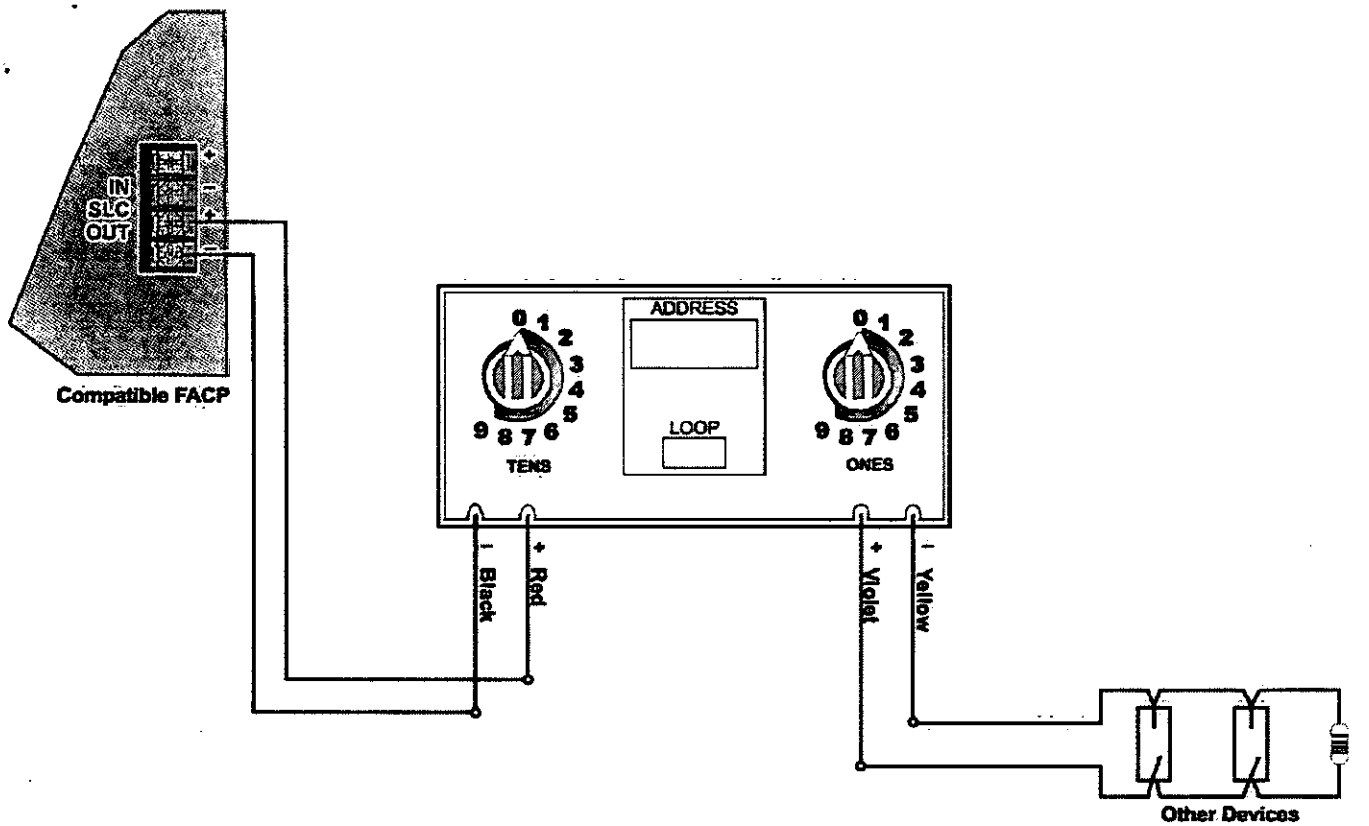
IDP-Minimon

Compatibility

The IDP-Minimon is compatible with the following FACPs:

- IFP-2000 / RPS-2000 Intelligent Fire Panel
- IFP-2000ECS Emergency Communication System with Fire Panel
- IFP-1000 / ECS Intelligent Fire Panel
- IFP-100 / ECS Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

P/N 350279 Rev G
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Wiring the IDP-Minimon

Specifications

Physical

Height: 1.3" (3.3 cm)

Width: 2.8" (7 cm)

Depth: 0.5" (1.3 cm)

Shipping Weight: 1.2 oz (37 g)

Electrical

Operating Voltage: 15 – 32 VDC

SLC Standby and Alarm Current: 350 µA

End-of-Line Resistance: 47K Ω

Initiating Device Circuit Wiring Resistance: 1,500Ω max

SLC Loop Resistance: 40Ω max.

Wire Length: 6" min.

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

Ordering Information

IDP-Minimon	Miniature Monitoring Module

SILENT KNIGHT
by Honeywell

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For Technical Support, Please call 800-446-6444. **www.farenhyt.com**

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7300-0559:0155

CATEGORY: 7300 – FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

LISTEE: SILENT KNIGHT SECURITY1985 Douglas Drive, MN10-212A, Golden Valley, MN 55422
Contact: Michael McIsaac (763) 493-6400 Fax (763) 391-5464
Email: mike.mcisaac@honeywell.com

DESIGN: Models IDP-Relay-6, SK-Relay-6, relay module, IDP-Control-6, SK -Control-6, supervising control module, IDP-Monitor-10, SK-Mon-10, input monitor module, IDP-Zone-6, SK-Zone-6 six zone interface module, IDP-Monitor, IDP-Minimon, IDP-Zone, SK-Monitor, SK-Minimon, SK-Zone monitor modules, IDP-Control, IDP-Relay, SK-Control, SK-Relay, control modules, IDP-Monitor-2, SK-Monitor-2, dual monitor modules,and *IDP-RELAYMON-2, *SK-RELAYMON-2 with 2 input/2 output relay modules. All devices are intended to be connected between the signaling line circuit of a compatible fire alarm control panel. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 16-33 VDC Primary

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, product number and UL label.

APPROVAL: Listed as control unit accessories for use with listee's separately listed compatible fire alarm control units.

NOTE: If an external power supply is used for Model SK-Zone-6 and IDP-Zone-6, the negative of the external power supply is referenced to the negative of the auxiliary supply of the compatible control panel. This is done in order to detect ground faults on the initiating circuit.

XLF: 7300-0028:0219

*Rev. 10-25-11 mt

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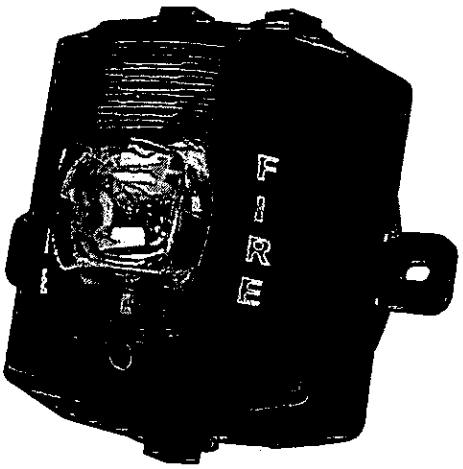
Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*

Fire Engineering Division

SYSTEM SENSOR®

Outdoor Selectable-Output Horns, Strobes, and Horn Strobes for Wall Applications



SPECTRAlert ADVANCE from System Sensor

SpectrAlert® Advance outdoor audible visible products are rich with features that cut installation times and maximize profits.

Features

- Weatherproof per NEMA 4X, IP56
- Listed to UL 1638 (strobe) and UL 464 (horn)
- Compatible with System Sensor synchronization protocol and legacy SpectrAlert products
- Field-selectable candela settings: 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177, and 185
- Automatic selection of 12- or 24-volt operation at 15 and 15/75 candela
- Rotary switch for horn tone and three volume selections
- Horn rated at 88+ dBA at 16 volts
- Rated from –40°F to 151°F
- Universal mounting plate with an onboard shorting spring that tests wiring continuity before devices are installed
- Plug-in design with minimal intrusion into the back box
- Tamper-resistant construction
- Listed for ceiling or wall mounting

Agency Listings

SIGNALING UL LISTED
S4011 (chimes, horn strobes, horns)
S3593 (outdoor and alert strobes)

FM APPROVED
3023572

MEA approved
MEA452-05-E

7300-1653 187 (outdoor strobes)
7125-1653 188 (horn strobes, chime strobes)
7135-1653 189 (horns, chimes)

SpectrAlert Advance offers the broadest line of outdoor horns, strobes, and horn strobes in the industry. With white or red plastic housings, wall or ceiling mounting options, and plain or FIRE-printed devices, SpectrAlert Advance can meet virtually any application requirement, including indoor, outdoor, wet, and dry applications in temperatures from –40°F to 151°F.

Like the entire SpectrAlert Advance line, outdoor horns, strobes, and horn strobes for wall applications include a variety of features that increase application flexibility and simplify installation. First, field-selectable settings, including candela, automatic selection of 12- or 24-volt operation, horn tones, and three volume options enable installers to easily adapt devices to meet requirements.

Next, SpectrAlert Advance devices use a universal mounting plate for both wall and ceiling applications. This mounting plate includes an onboard shorting spring that ensures wiring continuity before devices are installed, so installers can verify proper wiring without mounting the devices and exposing them to potential construction damage. Once the plates are mounted, all SpectrAlert Advance devices utilize a plug-in design with a single captured screw to speed installation and virtually eliminate costly ground faults.

Outdoor devices ship with weatherproof plastic back boxes (metal back boxes are available separately) that accommodate in-and-out wiring for daisy chaining devices. Plastic back boxes feature removable side flanges and improved resistance to saltwater corrosion. Knock-outs located on the back eliminate the need to drill holes for screw-in mounting. Plastic and metal weatherproof back boxes come with ¾-inch top and bottom conduit entries and ¾-inch knock-outs at the back. A screw-in NPT plug with an O-ring gasket for a watertight seal is included with each back box.

SpectrAlert Advance Outdoor Horn, Strobe, and Horn Strobe Specifications

Architect/Engineer Specifications

General

SpectrAlert Advance outdoor horns, strobes, and horn strobes shall mount to a weatherproof back box. A universal mounting plate shall be used for mounting ceiling and wall products. The notification appliance circuit wiring shall terminate at the universal mounting plate. Also, SpectrAlert Advance products, when used with the Sync•Circuit™ Module accessory, shall be powered from a non-coded notification appliance circuit output and shall operate on a nominal 12 or 24 volts. When used with the Sync•Circuit Module, 12-volt-rated notification appliance circuit outputs shall operate between 9 and 17.5 volts; 24-volt-rated notification appliance circuit outputs shall operate between 17 and 33 volts. Outdoor SpectrAlert Advance products shall operate between –40 and 151 degrees Fahrenheit from a regulated DC or full-wave rectified unfiltered power supply. Strobes and horn strobes shall have field-selectable candela settings including 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177, and 185.

Strobe

The strobe shall be a System Sensor SpectrAlert Advance Model _____ listed to UL 1971 and shall be approved for fire protective service. The strobe shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The strobe must be installed with its weatherproof back box in order to remain outdoor approved per UL. The strobe shall be suitable for use in wet environments.

Horn Strobe Combination

The horn strobe shall be a System Sensor SpectrAlert Advance Model _____ listed to UL 1971 and UL 464 and shall be approved for fire protective service. The horn strobe shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The horn shall have three audibility options and an option to switch between a temporal three pattern and a non-temporal (continuous) pattern. These options shall be set by a multiple position switch. On four-wire products, the strobe shall be powered independently of the sounder. The horn or horn strobe models shall operate on a coded or non-coded power supply. The horn strobe must be installed with its weatherproof back box in order to remain outdoor approved per UL. The horn strobe shall be suitable for use in wet environments.

Physical/Electrical Specifications	
Operating Temperature	–40°F to 151°F (–40°C to 66°C)
Strobe Flash Rate	1 flash per second
Nominal Voltage	Regulated 12 DC/FWR or regulated 24 DC/FWR[1]
Operating Voltage Range[2]	8 to 17.5 V (12 V nominal) or 16 to 33 V (24 V nominal)
Input Terminal Wire Gauge	12 to 18 AWG
Wall-Mount Dimensions (including lens)	5.6"L x 4.7"W x 2.5"D (142 mm L x 119 mm W x 64 mm D)
Horn Dimensions	5.6"L x 4.7"W x 1.3"D (142 mm L x 119 mm W x 33 mm D)
Wall-Mount Weatherproof Back Box Dimensions (SA-WBB)	5.7"L x 5.1"W x 2.0"D (145 mm L x 130 mm W x 51 mm D)

Notes:

1. Full Wave Rectified (FWR) voltage is a non-regulated, time-varying power source that is used on some power supply and panel outputs.
2. P, S, PC, and SC products will operate at 12 V nominal only for 15 and 15/75 cd.

UL Current Draw Data

UL Max. Strobe Current Draw (mA RMS)

		8–17.5 Volts		16–33 Volts	
	Candela	DC	FWR	DC	FWR
Standard Candela Range	15	123	128	66	71
	15/75	142	148	77	81
	30	NA	NA	94	96
	75	NA	NA	158	153
	95	NA	NA	181	176
	110	NA	NA	202	195
	115	NA	NA	210	205
High Candela Range	135	NA	NA	228	207
	150	NA	NA	246	220
	177	NA	NA	281	251
	185	NA	NA	286	258

UL Max. Horn Current Draw (mA RMS)

		8–17.5 Volts		16–33 Volts	
Sound Pattern	dB	DC	FWR	DC	FWR
Temporal	High	57	55	69	75
Temporal	Medium	44	49	58	69
Temporal	Low	38	44	44	48
Non-Temporal	High	57	56	69	75
Non-Temporal	Medium	42	50	60	69
Non-Temporal	Low	41	44	50	50
Coded	High	57	55	69	75
Coded	Medium	44	51	56	69
Coded	Low	40	46	52	50

UL Max. Current Draw (mA RMS), 2-Wire Horn Strobe, Standard Candela Range (15–115 cd)

	8–17.5 Volts		16–33 Volts						
DC Input	15	15/75	15	15/75	30	75	95	110	115
Temporal High	137	147	79	90	107	176	194	212	218
Temporal Medium	132	144	69	80	97	157	182	201	210
Temporal Low	132	143	66	77	93	154	179	198	207
Non-Temporal High	141	152	91	100	116	176	201	221	229
Non-Temporal Medium	133	145	75	85	102	163	187	207	216
Non-Temporal Low	131	144	68	79	96	156	182	201	210
FWR Input									
Temporal High	136	155	88	97	112	168	190	210	218
Temporal Medium	129	152	78	88	103	160	184	202	206
Temporal Low	129	151	76	86	101	160	184	194	201
Non-Temporal High	142	161	103	112	126	181	203	221	229
Non-Temporal Medium	134	155	85	95	110	166	189	208	216
Non-Temporal Low	132	154	80	90	105	161	184	202	211

UL Max. Current Draw (mA RMS), 2-Wire Horn Strobe, High Candela Range (135–185 cd)

	16–33 Volts					16–33 Volts			
DC Input	135	150	177	185	FWR Input	135	150	177	185
Temporal High	245	259	290	297	Temporal High	215	231	258	265
Temporal Medium	235	253	288	297	Temporal Medium	209	224	250	258
Temporal Low	232	251	282	292	Temporal Low	207	221	248	256
Non-Temporal High	255	270	303	309	Non-Temporal High	233	248	275	281
Non-Temporal Medium	242	259	293	299	Non-Temporal Medium	219	232	262	267
Non-Temporal Low	238	254	291	295	Non-Temporal Low	214	229	256	262

Candela Derating

For K series products used at low temperatures, listed candela ratings must be reduced in accordance with this table.

Strobe Output (cd)

Listed Candela	Candela rating at –40°F
15	Do not use below 32°F
15/75	
30	
75	44
95	70
110	110
115	115
135	135
150	150
177	177
185	185

Horn Tones and Sound Output Data

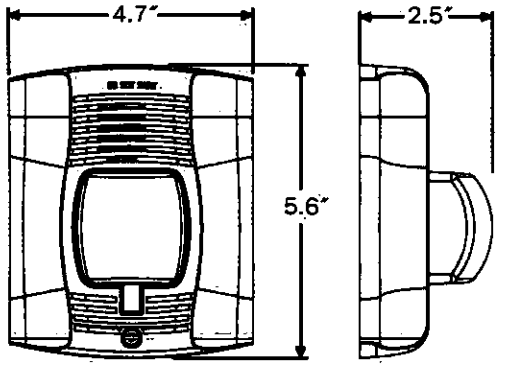
Horn and Horn Strobe Output (dBA)

			8–17.5 Volts		16–33 Volts		24-Volt Nominal Reverberant		24-Volt Nominal Anechoic	
Switch Position	Sound Pattern	dB	DC	FWR	DC	FWR	DC	FWR	DC	FWR
1	Temporal	High	78	78	84	84	88	88	99	98
2	Temporal	Medium	74	74	80	80	86	86	96	96
3	Temporal	Low	71	73	76	76	83	80	94	89
4	Non-Temporal	High	82	82	88	88	93	92	100	100
5	Non-Temporal	Medium	78	78	85	85	90	90	98	98
6	Non-Temporal	Low	75	75	81	81	88	84	96	92
7†	Coded	High	82	82	88	88	93	92	101	101
8†	Coded	Medium	78	78	85	85	90	90	97	98
9†	Coded	Low	75	75	81	81	88	85	96	92

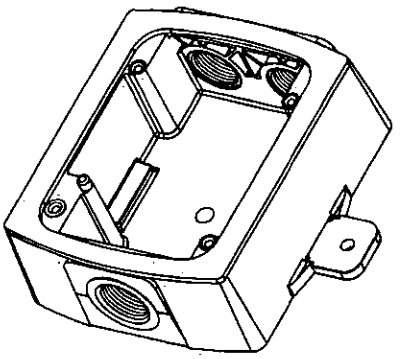
†Settings 7, 8, and 9 are not available on 2-wire horn strobe.

AVDS01201

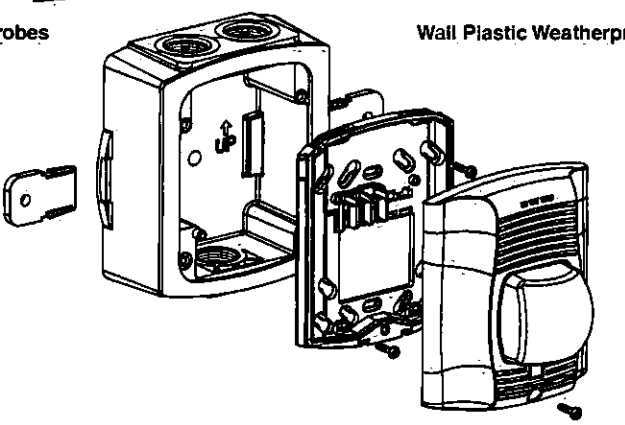
SpectrAlert Advance Diagrams



Wall-Mount Horn Strobes



Wall Plastic Weatherproof Back Box



Wall-Mount Horn Strobe with Plastic Weatherproof Back Box

SpectrAlert Advance Ordering Information

Model	Description
Wall Horn Strobes	
P2RK*†	2-Wire Horn Strobe, Standard cd, Red, Outdoor (includes plastic weatherproof back box)
P2RHK*†	2-Wire Horn Strobe, High cd, Red, Outdoor (includes plastic weatherproof back box)
P2WK*†	2-Wire Horn Strobe, Standard cd, White, Outdoor (includes plastic weatherproof back box)
P2WHK*†	2-Wire Horn Strobe, High cd, White, Outdoor (includes plastic weatherproof back box)
P4RK†	4-Wire Horn Strobe, Standard cd, Red, Outdoor (includes plastic weatherproof back box)
P4WK	4-Wire Horn Strobe, Standard cd, White, Outdoor (includes plastic weatherproof back box)
P2RHK-120	2-Wire Horn Strobe, High cd, Red, Outdoor, 120 V (includes plastic weatherproof back box)
Wall Strobes	
SRK*†	Strobe, Standard cd, Red, Outdoor (includes plastic weatherproof back box)
SRHK*†	Strobe, High cd, Red, Outdoor (includes plastic weatherproof back box)
SWK*†	Strobe, Standard cd, White, Outdoor (includes plastic weatherproof back box)
SWHK*†	Strobe, High cd, White, Outdoor (includes plastic weatherproof back box)
Horns	
HRK†	Horn, Red, Outdoor (includes plastic weatherproof back box)
Accessories	
SA-WBB	Red, Metal Weatherproof Back Box
SA-WBBW	White, Metal Weatherproof Back Box

Notes:

* Add "-P" to model number for plain housing (no "FIRE" marking on cover), e.g., P2RK-P.

† Add "-R" to model number for weatherproof replacement device (no back box included), only for use with weatherproof outdoor flush mounting plate, WTP and WTPW.

"Standard cd" refers to strobes that include 15, 15/75, 30, 75, 95, 110, and 115 candela settings. "High cd" refers to strobes that include 135, 150, 177, and 185 candela settings. **When replacing standard outdoor units both the device and back box must be replaced.**

SYSTEM SENSOR®

3825 Ohio Avenue • St. Charles, IL 60174
Phone: 800-SENSOR2 • Fax: 630-377-6495

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Product specifications subject to change without notice. Visit systemsensor.com for current product information, including the latest version of this data sheet.
AVDS01201 • 3/12

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7125-1653:0188

CATEGORY: 7125 – FIRE ALARM DEVICES FOR THE HEARING IMPAIRED

LISTEE: System Sensor, Unincorporated Div of Honeywell Int'l Inc.3825 Ohio Ave, St. Charles, IL 60174
Contact: Vladimir Kireyev (203) 484-6277 Fax (203) 484-7309
Email: Vladimir.Kireyev@honeywell.com

DESIGN: Models CHSR and CHSW Chime/Strobes.
Models P2R, P2W, P2RH and P2WH Horn/Strobes two-wire type, rectangular enclosure.
Models PC2R, PC2W, PC2RH and PC2WH Horn/Strobes two-wire type, round enclosure
Models P4R, P4W, P4RH and P4WH Horn/Strobes four-wire type, rectangular enclosure.
Models PC4R, PC4W, PC4RH and PC4WH Horn/Strobes* four-wire type, round enclosure.
All models are intended for indoor use only unless other wise indicated. Models may be followed by the suffix "K" indicating indoor or outdoor use, or may be followed by suffix "P" for plain housing with no lettering. "K" suffix models are suitable for outdoor applications at temperatures from -40°F to +151°F (-40°C to +66°C) and are rated NEMA 4X when used with the System Sensor weather proof back boxes models SA-WBB (Wall), SA-WBBW (Wall), SA-WBBC (Ceiling) and *SA-WBBCW (Ceiling). Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: Standard Horn/Strobes and Chime/Strobes 8 - 17.5 or 16-33 VDC/FWR
Hi CD Horn/Strobes 16-33 VDC/FWR

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating, and UL label.

APPROVAL: Listed as *horn/strobes or chime/strobes suitable for signaling appliances and equipment for the hearing impaired applications when used with separately listed compatible fire alarm control units. Horn/strobes with -K suffix are suitable for indoor or outdoor use, ceiling or wall mount. Chime section is suitable for private mode and indoor use only.
Horn/Strobes or chime/strobes* can generate the distinctive three-pulse audible Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2010 Edition. Refer to listee's Installation Instruction Manual for details.

*Corrected 12-15-11 bh

This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

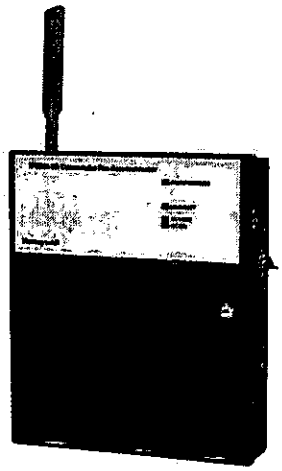
Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*
Fire Engineering Division

Honeywell

IPGSM-4G

Single or Dual Path Commercial Fire Communicator



General

The IPGSM-4G is a commercial fire alarm communicator that offers contact ID reporting with any Fire Alarm Control Panel (FACP) that has a built-in dialer. This *single* or *dual path* communicator connects directly to the primary and secondary communication ports of a fire panel's Digital Alarm Communicator Transmitter (DACT). It offers three selectable reporting paths which include: Cellular only, IP only, or IP primary/cellular backup. All signals from the IPGSM-4G are delivered to Honeywell's AlarmNet Network Control Center, which routes highly encrypted Ethernet data packets via a customer provided internet connection or cellular network to the appropriate central station. The state of the art AlarmNet network control center is fully redundant and monitored 24/7. AlarmNet has the ability to route messages using AlarmNet-I and 800 PLUS services, providing true redundancy and multipath message delivery.

Alternative communication methods are critical in the marketplace due to VoIP (Voice over IP), migration from POTS (Plain Old Telephone Service) and growth of digital radio networks. The IPGSM-4G's single path communications solution allows one technology to be used (either IP or cellular) to provide the appropriate connectivity to a central station. For added reliability, our exclusive dual path solution allows both technologies (IP and cellular) to be used together for maximum survivability or for local jurisdiction requirements that specify a dual technology system.

The IPGSM-4G is designed to operate over the most common cellular networks including 2G, 3G and 4G. Its multi-GSM platform technology automatically chooses the best available cellular signal in the area based on signal strength and seamlessly self-adjusts to maintain critical life safety communication. In addition, it connects to any type of customer provided Ethernet 10/100 base network connection (LAN or WAN), DSL model or cable modem. Our selectable reporting path feature allows the radio to be configured for a single or dual path solution as well as the appropriate supervision intervals based on NFPA 72 requirements. (See diagram below for selectable paths and supervision timing intervals.)

Selectable Path	Description	Supervision Times
2010 GSM	Single Path (cellular only)	5 minutes
2010 IP	Single Path (IP only)	5 minutes
2010 IP & GSM	Dual Path (IP and cellular)	24 hours
2013 GSM	Single Path (cellular only)	1 hour
2013 IP	Single Path (IP only)	1 hour
2013 IP & GSM	Dual Path (IP and cellular)	6 hours

Features

- Saves the cost of two dedicated phone lines.
- Single or dual path communications. (Can communicate to central station using cellular technology, internet or both.
- Requires no change to the existing Fire Alarm Control Panel configuration. (Connects directly to the primary and secondary telephone ports of a DACT.)
- Multi-GSM platform compatibility for 2G, 3G and 4G networks.
- Operates over the following communication protocols: HSPA+ (4G) HSPA (HSDPA & HSUPA) (3G) EDGE (2G) GPRS (2G).
- Selectable reporting paths and supervision intervals to meet NFPA 72, chapter 26 requirements. (Compliant with NFPA 72 2010 and 2013 supervision requirements.)
- Works over any type of customer provided Ethernet 10/100 based network connection (LAN or WAN), DSL modem or cable modem.
- Data transmits over standard contact-ID protocol but is secured with the industry's advanced encryption standard (AES 256 bit).
- Supports both dynamic (DHCP) or Public and Private Static IP addressing.
- Built-In Power Supply module: On board charging circuit design accommodates back-up battery. Includes primary power and battery supervision.
- Diagnostic LEDs: Signal strength and status indicators.
- Reliable connection: IP and GSM connection tested every day.
- QOS: Quality of Service diagnostics via AlarmNet conveys vital communicator information including when message was received, signal strength, and message path used.
- 7720P Hand-held programmer for easy setup.

Operation

When an event occurs, the Fire Alarm Control Panel goes off hook to dial the central station. The IPGSM-4G Dialer Capture Module detects the off-hook condition and provides the fire panel with a dial tone. When the fire panel detects the dial tone, it begins dialing the central station. After the dialing is completed, the Dialer Capture Module returns a handshake to the fire panel. The fire panel then sends the contact ID reports to the Dialer Capture Module, which in turn sends a kiss-off after the report is successfully received from the fire panel. The Dialer Capture Module sends the contact ID reports to the IPGSM communications module. When all the reports are sent, the fire panel goes on-hook. The IPGSM communications module then transmits the messages to the central station either over the GSM network or the Internet (dependent on configuration).

Easy to Program

The IPGSM-4G communicator can be pre-programmed using the 7720P programmer to enter all central-station information. This is saved to the IPGSM-4G communicator panel memory. When the IPGSM-4G communicator is installed at the site and connected to the internet/intranet, it registers itself with the AlarmNet receiver.

For most installations, the only required parameters are:

- Primary City ID (two digits) obtained from your monitoring station.
- Primary Central Station ID (two digits) obtained from your monitoring station.
- Primary Subscriber ID (four digits) obtained from your monitoring station.
- Communication Module's MAC ID, and MAC CRC number located on outside of box, and inside of the module.

All of these parameters are assigned by the monitoring station.

NOTE: *Some assembly is required. See Installation and Setup Guide #800-12454 for full details.*

Fire Communicator Capability

The IPGSM-4G is compatible with fire panels that use the Contact ID communications format as described in the SIA DC-05 standard.

AlarmNet

Honeywell's AlarmNet has been the nationwide leader in alarm communications technology since 1986. A reliable alternative for the transmission of alarm signals, our radio network provides extensive coverage in the United States and Canada. AlarmNet Network Control center processes signals from powerful servers in multiple locations equipped with 24/7 infrastructure support. The AlarmNet network consist of redundant hardware servers, hot back-up databases and generators with battery back-up at all locations to ensure continuity of service. Signals from Alarm-Net are transmitted to the central station's receivers using multiple communications paths consisting of the internet, radio network or toll-free POTS service.

Installation Requirements

UL COMPLIANCE

To meet UL864/NFPA, ensure the following:

- IPGSM-4G must be installed in accordance with NFPA (National Fire Protection Association) standards 70 and 72.
- IPGSM-4G must be mounted in the same room and within 20 feet of the fire panel.
- IPGSM-4G, and all equipment used for the IP connection (such as the router, hub, modem, etc.) shall be listed, must be powered from an un-switched branch circuit, and be provided with appropriate standby power.
- IPGSM-4G must use the 7AH battery (not supplied) to provide 24-hour backup capability.

Electrical Specifications

Transformer:

- Primary 120VAC, 60Hz, 0.5A.
- Secondary: 18VDC, 50VA.

Battery:

- One 12 V 7.0 AH lead-acid battery (not supplied).
- Battery charging current: 1 Amp maximum.
- Battery discharge current: Standby 230mA, Active 950mA.

Cabinet Specifications

Dimensions: 14.875" H x 12.75" W x 3.0" D (37.8 cm H x 32.4 cm W x 7.6 cm D).

Color: Red.

Shipping Specifications

Weight: 5.3 lbs. (6.94 kg).

Dimensions: 15.625" H x 13.79" W x 9.25" D (39.7 cm H x 34.9 cm W x 23.9 cm D)

Temperature and Humidity Ranges

This system meets NFPA requirements for operation at 0 - 49°C/32 - 120°F and at a relative humidity 93% ± 2% RH (non condensing at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 - 27°C/60 - 80°F.

Product Line Information

IPGSM-4G: Internet and Digital Cellular Fire Alarm Communicator Panel. Includes red cabinet with Ademco key and lock, wall outlet box, Dialer Capture Module, iGSM Communications Module, antenna & mounting adapter, PowerBoost1 power supply, LED display board, transformer, manual, & required screws, cables, etc.

Antenna Kits

GSM-ANT3DB25KT: 25 ft. antenna kit. Includes GSM-ANT3DB, WA7626-CA adapter cable, and a 25' RF cable.

GSM-ANT3DB50KT: 50 ft. antenna kit. Includes GSM-ANT3DB, WA7626-CA adapter cable, and a 50' RF cable.

Antenna External Hardware

GSM-ANT3DB: 3db gain external/remote antenna.

WA7626-CA: SNA to N Adapter.

7626-50HC: 50 ft. antenna cable, low loss.

7626-25HC: 25 ft. antenna cable, low loss.

NOTE: *The GSM-ANT3DB and the WA7626-CA are both required for installing an external antenna along with the necessary cable needed (7626-50HC: 50 ft. or 7626-25HC: 25 ft.)*

Other Accessories

7720P: IPGSM-4G hand held programmer.

HPTCOVER: Plug in transformer box for IPGSM communicator.

BAT-1270: Battery 12 Volts, 7 AH, sealed.

Agency Listings and Approvals

The listings and approvals below apply to the basic IPGSM-4G communicator panel. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process.

Consult factory for latest listing status.

UL Listed: S789.

CSFM: 7300-1645:0199.

FDNY: COA #6150.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
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Northford, CT 06472-1610
www.honeywellpower.com

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hpp_techserv@honeywell.com

Honeywell

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ISO 9001 CERTIFIED QUALITY SYSTEMS

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7300-1645:0199

CATEGORY: 7300 – FIRE ALARM CONTROL UNIT ACCESSORIES/MISC. DEVICES

LISTEE: HONEYWELL SECURITY2 Corporate Center Dr, Ste. 100, Melville, NY 11747
Contact: Issa Khouryawad (516) 577-2312 Fax (516) 577-3540
Email: issa.khouryawad@Honeywell.com

DESIGN: Models iPGSM-COM, iPGSM-DP, iPGSM-4G and *IGSMCFP4G Internet and Digital Cellular Fire Communicators. Units are suitable for residential and commercial applications. Refer to listee's data sheet for detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating, and UL label.

APPROVAL: Listed as a control unit accessory for use with separately listed compatible commercial and residential fire alarm control units. *Model IGSMCFP4G is intended for use with specific Honeywell Security control units that employ the ECP bus. Refer to listee's installation Instruction Manual for details.

NOTE: Burglary and other non-fire functions were not examined.

iPGSM-COM, iPGSM-DP formerly listed in 7300-1645:0183.

*Rev 07-01-14 gt

This listing is basad upon technical data submitted by tha applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2017** *Listing Expires* **June 30, 2018**

Authorized By: ***DAVID CASTILLO**, Program Coordinator*

Fire Engineering Division

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Inspection Record

Fire Alarm System (Alteration)

REVISION

Building Permit #:	FA-2017-264544 **IVR #:** 114714	**Project Valuation:**	$ 1,500.00
Assessor Parel #:	034186090	**Issued Date:**	10/06/2017
Project Address:	521 E 5TH AVE	**Expiration Date:**	04/04/2018

Issued To:
SAN FRANCISCO FIRE PROTECTION
16155 VIA SEGUNDO AVE
SAN LORENZO, CA 945800000
5107800854

Owner:
BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

Work Description:

F3- Fire Sprinkler Monitoring System. Install 1 manual box, 1 pull station, 1 horn, and 2 switches. Total 5 devices
Comm. T.I in (E) Shell Spac Permit # 258827
PA-2016-23
→ REVISION #1: AS-BUILTS - ADD 3 (N) DEVICES (ISSUED 5/7/18)

PLEASE BE ADVISED THAT YOU ARE RESPONSIBLE FOR THE FOLLOWING:

For making all inspection request. A minimum of 24 hours advance notice is required for all inspection performed by the Building Division. A minimum of 48 hours for all inspections performed by the Fire, Planning & Public Works Departments.
Please nate this may not guarantee you the next business day inspection. Inspections ore on a first call basis and a given number of inspections are allocated for each day.

When requesting a Building Inspection through our automated system, you will be required to provide the IVR# to schedule.

The day of a scheduled inspection, you may call the Building Division after 9:00 a.m. to receive a 2 hour timeframe of the scheduled inspection.

Inspections are performed Monday thru Friday 9:00a.m. to 5p.m.

Maintain all construction documents (approved plans, permit card) in a legible condition and ensure that they are at the job site for inspections.

Provide any and all equipment (ladders, lights, etc.) necessary to complete the inspection.

This permit becomes invalid if work is not commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180-day after the time the work is commenced.

This permit does not include any construction within the Public Right of Way. Any construction in this area requires a separate permit from the Public Works Department.

Hours of Construction:

Monday-Friday:	7:00a.m. - 7:00p.m.
Saturday:	9:00a.m. - 5:00p.m.
Sunday	12:00p.m. - 4:00p.m.
Holiday	12:00p.m. - 4:00p.m.

Related Actions and Sub Permits Associated to Main Permit

For Inspection Request Please Call:

Building:	(650) 522-7170 (IVR # Required)
Fire:	(650) 522-7940
Planning:	(650) 522-7202
Public Works:	(650) 522-7522 Ext- 6900

Storm Water Pollution Prevention (STOPPP) Inspections will need to call the Public Works Department to schedule:
- **STOPPP Pre-Construction Inspection &**
- **STOPPP Final Inspection**

Construction projects shall implement the San Mateo Countywide Water Pollution Prevention Program best management practices (BMP). These can be found at www.flowstobay.org/construction.

All projects associated with a Planning Application are required to call the Planning Department to schedule the following inspections:
- **Planning Rough Frame &**
- **Planning Final**

NOTE: THIS CARD AND APPROVED PLANS MUST BE KEPT DISPLAYED IN A CONSPICUOUS PLACE ON OR IN THE BUILDING WHERE THE SAME CAN BE READILY SEEN BY THE INSPECTORS. Inspections must be called for and made as required by Section 108.2 of the Uniform Administrative Code as adopted by the City of San Mateo.

REVISION / PLAN REVIEW RESUBMITTAL Form

VERSION 3.2 REVISED 01/13/16

Project Number: FA-2017-264544-R1

(Circle one that is applicable) **REVISION** / **RESUBMITTAL**

Planning Application #: (If Applicable) _____

Project Address: 521 S. 5th

Delivered By: TERRY YOW

Phone #: 415-282-4288

Date:

CITY OF SAN MATEO
MAY 07 2018
BUILDING DIVISION

CONTACT INFO:

☐ OWNER ☐ ARCHITECT ☐ CONTRACTOR ☐ ENGINEER ☐ DESIGNER

Name: S.F. FIRE PROTECTION **Phone #** 415-282-4288

Company: _____ **FAX / EMAIL** TERRY@SFFIREPROTECTION.COM

Address: 1313 FAIRFAX AVE SUITE B

Description of Revision / Resubmittal: **Revision Valuation:** $ 900.00

R1- ADD 3 NOTIFICATION APPLIANCES TO EXISTING SYSTEM
"AS-BUILTS" PER SF FIRE
NO FEE IF AS BUILTS

REVISION

Checklist: All applications for revisions/plan check resubmittals must contain the following:

___ 1. **Minimum of four COMPLETE or COLLATED sets of the revised plans.**
___ 2. **An itemized list of changes or corrections specifying the location on the plans.** (If Plan Check Resubmittal, it can be listed on the Plan Check Correction Letter)
___ 3. **All revisions/changes are clouded on the plans.**
___ 4. **Plans are wet signed by the architect or engineer.** (Minimum two set of plans)

For Office Use:

Plan Check Submittal Sequence # _____

Received By: _____

Plan Check Time:

_____ Hours x $_____ per hour = _____

ROUTE TO:

Fire ☐(____) Building ☐(____) PW ☐(____)

Planning ☐(____) C&D ☐(____) Police ☐(____)

Wet Waste ☐(____) Other ☐(____)

# of plans submitted: _____

Approved By: _____ **Date:** _____

CITY OF SAN MATEO :: BUILDING DIVISION

RECEIPT (TRC-043578-07-05-2018)

May 07, 2018
BILLING CONTACT

SAN FRANCISCO FIRE PROTECTION
16155 Via Segundo Ave
San Lorenzo, Ca 945800000

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
FA-2017-264544 521 E 5Th Ave San Mateo, CA 94401	Reactivation Fee for Expired Permits	R26-3125-325401	Credit Card	$186.43
			SUB TOTAL	**$186.43**
			TOTAL	**$186.43**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) S22-7172

Permit Issuance

Commercial (Alter)

TI (Office)

Building Permit: BD-2016-258827

IVR #: 107983

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E 5TH AVE	034186090	$203,903.80

Work Descripton: Comm. T.I in (E) Shell Space to include load and non-load bearing partitions; ceilings; site modification to include M,E,P's (3967 sq ft), (N) TRASH ENCLOSURE, (N) BIKE RACK, (N) (N) SIDEWALK AND (N) DRIVEWAY, (N) ROOFTOP MECHANICAL EQUIPMENT, RELOCATE PANEL PA-2016-23

Issued Date: 03/30/2017 **Previous Use:** Offices

Expiration Date: 10/02/2017 **Proposed Use:** Offices

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

WHO WILL PERFORM THE WORK:

CALIFORNIA LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. California State License - Contractor - 558665

Print Name: Tyrone Barber Contractor Signature: Tyrone Barber

WORKER'S COMPENSATION DECLARATION :

WARNING: FAILURE TD SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TD CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

(___) I have and will maintain a certificate of consent to self-insure for Workers' Compensation, issued by the Department of Labor Relations as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. Policy #: _____

(X) I have and will maintain Workers' Compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My Worker's Compensation Insurance carrier and policy number are:

Carrier: State Comp Policy #: 9C50149 13 Expiration Date: 8/14/17

(___) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should subsequently become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTIDN LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

LENDER'S NAME: LENDER'S ADDRESS: _____

SIGNATURES AND AGREEMENT

(X) I certify that I have read this application and state that the information given is complete and correct . I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law . I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed . I hereby authorize representatives of the City to enter upon the subject property for inspection purposes .

(X) Licensed Contractor (___) Agent for Contractor (___) Property Owner* (___) Agent for Owner**

SIGNATURE: Tyrone Barber Date: 3/30/17

*Requires separate verification form

** Requires separate authorization form

Contacts

Issued To:

BARBER CONSTRUCTION
2630 WYMAN CT
TRACY, CA 953770000
2092216623

Owner:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT # 258827 PA #: 034-186-090 (if applicable)

1	Project Address: 521 E 5th Ave. San Mateo, CA 94402	Unit #:	Floor:

2	Project Description: Construct tenant improvement of a shell space with H.C. toilets in an existing building located at address above creating new non-bearing walls for toilet areas, New gypsum board and suspended T.	Valuation of Project: $ ~~130K~~ 203,903.00

3	Type of Project:	Square Footage:	Project Includes:	Existing Use:
	New Structure:	~~3967.24~~ Sq. Ft.	☑ Electrical	
	Addition:	0 Sq. Ft.	☐ Mechanical	
	Alteration/Remodel:	3967.24 Sq. Ft.	☑ Plumbing	
	Garage New:	0 Sq. Ft.		Proposed Use:
	Garage Alter:	0 Sq. Ft.		
	Other (Misc.):	0 Sq. Ft.		
	Demolition:	3967.24 Sq. Ft.		

4	Property Owner's Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	Barry Johal	521 E 5th Ave.	San Mateo 94402	(415) 678-6800

5				
	Applicant Information: ☑ Agent for Owner ☐ Owner ☐ Owner-Builder ☐ Agent for Contractor ☐ Contractor ☐ Architect ☐ Engineer ☐ Developer ☐ Tenant			
	Applicant's (Contact) Name: Mohsen Ghoreishi	Number & Street Name: 490 Post St.	City & Zip Code: San Francisco 94102	Phone Number: (415) 348-0009
	Company Name: Kohan Group, Inc.	E-Mail Address: mohsen@kohaninc.com		Fax Number:

6	Contractor's Name: Tyrone Barber	Number & Street Name: 21630 Wyman Ct.	City & Zip Code: Tracy Ca.	Phone Number: 510 714-2228
	Business License #:	Contractor's State License #: 558663		License Class: B.
	Worker's Compensation Carrier: State Compensation	Policy #: 912501 4913		Expiration Date: 8/14/17

7	Architect's Name: James Lemoine	Number & Street Name: 490 Post St.	City & Zip Code: San Francisco 94102	Phone Number:
	Company Name: Kohan Group Inc.	Lic#: C21971	Email Address: jlemoine@kohaninc.com	Fax Number:

8	Tenant's Name:	Number & Street Name:	City & Zip Code:	Phone Number:

9	
	Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.
	Signature of Applicant: Print Name: MOHSEN GHOREISHI Date: July 12, 2016

RECEIPT (TRC-016652-12-07-2016)

July 12, 2016
BILLING CONTACT
Mohsen Ghoreishi
Kohan Group

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2016-258827 521 E E 5Th Ave San Mateo, CA 94401	Building Plan Check	R26-3125-325406	Credit Card	$1,857.45
	Fire Plan Check Fee - Fire	R24-5622-325205	Credit Card	$699.28
	Planning Plan Check	R26-3111-340106	Credit Card	$742.98
			SUB TOTAL	$3,299.71

TOTAL **$3,299.71**

SANITARY SEWER CONNECTION CHARGE

Commercial, Industrial, Church, and Golf Courses
(NON-RESIDENTIAL USES)

July 1,2016–June 30, 2017 FEE SCHEDULE AND WORKSHEET

The sewer connection fee is charged for construction of new buildings and the modification of existing buildings as noted below. The fee is collected prior to issuance of a building permit.

Churches and Golf Courses are charged a flat rate; other non-residential uses are charged based upon the fixture-units added by the project. A credit is allowed for each fixture-unit demolished by the project. An explanation of fixture-units and an example calculation is provided on the back of this worksheet.

Please use the chart below to calculate the connection fee for your project and bring the completed form to the building department. This fee calculation will become part of your building permit application.

			Remodel	New
Church/Golf Course	Flat rate per connection	$2,581.00	_____	_____

Remodels are not assessed a connection fee unless a new sewer connection is required. Place a check mark in the new or remodel category corresponding to the type of building permit for which you are applying.

Other Nonresidential Permits Fees are calculated as follows: (Including Hospitals; Lodges and Clubs; Rest, Residential Care and Convalescent Homes; Schools; Commercial and Industrial Permits).

Count the number of plumbing fixtures (by type) included on the project plans and enter the total of each fixture type in the space provided in the table below. Multiply the number entered for each fixture type by the fixture unit (FU) value provided to obtain a Fixture Unit Count. If the project involves demolition of previously occupied structures that included plumbing fixtures fill out the second half of the Table (credit for demolished fixtures). Subtotal the Fixture Units Counts for both new and demolished or removed fixtures. Subtract the Subtotal Credit Fixture Units from the Subtotal New Fixture Units to get the Fixture Unit Total for the project. Multiply the Fixture Unit Total by $127.00 to calculate the Sanitary Sewer Connection Charge for the project.

NEW FIXTURE COMPUTATION

Fixture Type	#	FU	FU Count
Toilet(Water Closet) Private	___	X 2.5	_____
Toilet(water closet) Public	3	X 5	15
Urinal	3	X 4	12
Sink	2	X 2	4
Floor Drain	2	X 3	6
Grease Interceptor	___	X 2	_____
Dishwasher	___	X 1.5	_____
Shower	___	X 2	_____
Clothes Washers	___	X 4	_____
New Fixture Unit Subtotal			37

CREDIT FOR DEMOLISHED FIXTURES

Fixture Type	#	FU	FU Count
Toilet(Water Closet) Private	___	X 2.5	_____
Toilet(water closet) Public	3	X 5	15
Urinal	1	X 4	4
Sink	4	X 2	8
Floor Drain	___	X 3	_____
Grease Interceptor	___	X 2	_____
Dishwasher	___	X 1.5	_____
Shower	___	X 2	_____
Clothes Washers	___	X 4	_____
Credit Fixture Unit Subtotal			27

New Fixture Units 37 **(minus) Credit Fixture Units** 27 = 10 **Fixture Unit Total**

Connection Fee = Fixture Unit Total 10 **x $127.00 per FU = $** 1270 **TOTAL**

Name MG

Project Address 521 E. 5TH AVE.

Permit Number: 258827

FIXTURE UNIT DEFINITION

A fixture-unit is an intermittent flow-rate anticipated from plumbing-fixtures and is used to size downstream piping. For example: 1 fixture-unit is up to 7 1/2 gallons per minute; 2 fixture-units are up to 15 gallons per minute; and 4 fixture-units are up to 30 gallons per minute. Table 7-3 of the Uniform Plumbing Code assigns fixture-unit values to types of plumbing fixtures. A bathtub is 2 fixture-units, a water closet is 4 fixture-units, and a sink is 2 fixture units.

EXAMPLE

The tenant improvement (TI) of a retail space includes the removal of an existing unisex bathroom facility (including one sink, one public toilet and one floor drain), and the construction of separate men's (one urinal, two public toilets, and one floor drain) and women's (three public toilets, two sinks and one floor drain) bathroom facilities. The Sewer Connection Charge for this project is as follows.

NEW FIXTURE COMPUTATION

Fixture Type	#		FU	FU Count
Toilet(Water Closet) Private	___	X	2.5	_____
Toilet(water closet) Public	_5_	X	5	__25___
Urinal	_1_	X	4	__4____
Sink	_4_	X	2	__8____
Floor Drain	_2_	X	3	__6____
Grease Interceptor	___	X	2	_____
Dishwasher	___	X	1.5	_____
Shower	___	X	2	_____
Clothes Washers	___	X	4	_____
New Fixture Unit Subtotal				__43___

CREDIT FOR DEMOLISHED FIXTURES

Fixture Type	#		FU	FU Count
Toilet(Water Closet) Private	___	X	2.5	_____
Toilet(water closet) Public	_1_	X	5	___5___
Urinal	___	X	4	_____
Sink	_1_	X	2	___2___
Floor Drain	_1_	X	3	___3___
Grease Interceptor	___	X	2	_____
Dishwasher	___	X	1.5	_____
Shower	___	X	2	_____
Clothes Washers	___	X	4	_____
Credit Fixture Unit Subtotal				__10___

New Fixture Units __43__(minus) Credit Fixture Units _10___ = __33____ Fixture Unit Total

Connection Fee = Fixture Unit Total 33 x $127.00 per FU = $4,191.00 TOTAL

Name_____**Project Address**_____**Permit No.**_____

BUSINESS LIC. COPY



City of San Mateo
Finance
330 W. 20th Ave
San Mateo, CA 94403
(650) 522-7100
Welcome

002182-0007 Ryan L. 03/23/2017 03:38PM

BUSINESS LICENSE
Payment Tran Code:
Business Tax (BUSLIC 1)
Description: Barber Const Co

Business Tax	40.00

Payment Tran Code: SB1186
State Mandate Fee (BUSLIC 3)
Description: Barber Const Co

SB1186 State Mandate Fee	1.00
	41.00
Subtotal	41.00
Total	41.00
CREDIT CARD	41.00

MasterCard **********0300
Ref=280039060
Auth=173922

Change due 0.00

Paid by: Tyrone Constru

Signature: _____

Thank you for your payment

CUSTOMER COPY

Permit Details

Permit Type: Commercial (Alter)
Work Class: TI (Office)
Permit Status: Pending
Description:
IVR Number: 0
Assigned To:
Project:
District: San Mateo
Valuation: $73,903.80

Parcels | Addresses | Zones | Contacts | Notes | Activities | Fees | Holds | Review Team | Inspection Cases | Impact Units

Fees | Deleted Fees | Voided Fees

Total: $6,349.76 $6,349.76

			Fee Name	Input Value	Computed Amount	Status	Manually Added	F
>			Building Standards Commission Fee	73,903.80	$3.00	Due		
			SMI Tax - Commercial	73,903.80	$20.69	Due		
			Planning Service Fee	73,903.80	$288.22	Due		
			Building Service Fee	73,903.80	$354.74	Due		
			Park Plan Check & Inspection Fee	73,903.80	$36.95	Due		
			C&D Recycling Deposit - Commercial	73,903.80	$2,217.00	Due		
			Building Permit Fee/Energy	1,544.67	$1,544.67	Due		
			Building Plan Check	1,544.67	$1,312.97	Due		
			Fire Plan Check Fee - Fire	1,544.67	$494.29	Due		
			Archive Fee	1,544.67	$77.23	Due		

Construction & Demolition Recycling & Waste Reduction Plan & Information

VERSION 1.0 REVISED 04/20/2016

Completed forms can be e-mailed to the Recycling Staff for approval

Check one: ☐ Demolition ☐ New Construction ☑ Alteration Addition/Remodel/Tenant Improvement)

Project Site Address: 521 E 5th Ave San Mateo	Permit #: BD 2016-258827
Project Contact: Tyrone Barber	Valuation: ~~$360,000~~ 130,000
Phone: 209 221 6623	Square Footage Altered: 3,967
E-mail: tybarberconstruction@yahoo.com	Square Footage Added:
Estimated Start Date: Jan 3 2017	

1. Briefly describe project: Remodel exterior of Building
2. What type of vehicle will be used to haul materials? (Circle all that apply) Debris box, trailer, dump truck, Pick-up truck)
3. List any deconstruction, salvage or on-site reuse of materials (i.e. – cabinets, windows, fixtures, on-site grinding):

Deposit Calculation – Select ONE Only		
Alteration, Addition or Tenant Improvement ($50,000+) (Deposit: $1,000 minimum, $10,000 maximum for residential, $30,000 maximum for commercial)	Valuation: $ ~~300,000~~ 130,000	X 3% 3,900
Demolition of Entire Building or Interior Office Space (Deposit: $1,000 minimum, $10,000 maximum for residential, $30,000 maximum for commercial)	Valuation: $	X 3%
New Construction of Entire Building (Deposit: $1,000 minimum, $10,000 maximum for residential, $30,000 maximum for commercial)	Valuation: $	X 3%

Common Materials in Additions/Remodels/Tenant Improvements

Type of Material	Quantity (Cu.Yds)	Quantity (Tons)	Debris Box or Self Haul and Recycling Facility Used
Mixed C&D		3	Green Waste Recovery
Concrete		1	Green Waste Recovery.
Dirt		N/A	
Salvage/Reuse		N/A	
Other			

- Weight tags must show Recycling from this C&D Project
- C&D = Construction & Demolition
- MSW & Refuse = Garbage

* For all projects, at least 25% of diverted material should come from waste that excludes soil, concrete, asphalt and other non-structural debris

Signature and Deposit Refund Information	City Approval
Signature of applicant: Baljit	Approved By: Kay McClain
Print name: BALJIT JOHAL	Date: 12/28/2016
Name and mailing address of who deposit refund will be paid to: 244 9TH ST, SAN FRANCISCO, CA 94103	REFUND REQUESTS MUST BE SUBMITTED WITHIN 60 DAYS FROM THE DATE OF THE FINAL INSPECTION OR THE DEPOSIT WILL BE FORFEITED

RECEIPT (TRC-027227-27-03-2017)

March 27, 2017
BILLING CONTACT
Baljit (Barry) Johal
BJJF LLC
244 9Th Street
San Francisco, Ca 94103

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2016-258827 521 E 5Th Ave San Mateo, CA 94401	Archive Fee	R26-3125-325407	Credit Card	$146.25
	Building Permit Fee/Energy	R26-3125-325401	Credit Card	$2,925.01
	Building Plan Check - Manual	R26-3125-325406	Credit Card	$1,312.97
	Building Service Fee	R26-3125-325408	Credit Card	$978.74
	Building Standards Commission Fee	B10-224104	Credit Card	$9.00
	C&D Recycling Deposit - Commercial	B10-221003	Credit Card	$6,117.00
	Electrical Permit Fee	R26-3125-325402	Credit Card	$644.59
	Fire Plan Check - Fire - Manual	R24-5622-325205	Credit Card	$494.29
	Mechanical Permit Fee	R26-3125-325403	Credit Card	$644.59
	Park Plan Check & Inspection Fee	R10-6143-340126	Credit Card	$101.95
	Planning Plan Check - Manual	R26-3111-340106	Credit Card	$525.19
	Planning Service Fee	R25-3112-340116	Credit Card	$795.22
	Plumbing Permit Fee	R26-3125-325404	Credit Card	$644.59
	Sewer Connection Fee (Direct Fee)	R72-4691-340701	Credit Card	$1,270.00
	SMI Tax - Commercial	B10-224102	Credit Card	$57.09
			SUB TOTAL	**$16,666.48**

TOTAL **$16,666.48**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance

Commercial (Alter)
Converted

Building Permit: bd2014250406

IVR #: 687265

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E 5TH AVE	034186090	$620,000.00

Work Descripton: T.I. "Infinity Dental Center" Convert (E) office space to (N) Dental Office. 4,152 SF.
Facade alterations, interior bearing and non-bearing walls and ceilings.
Revision 1 (Issued OTC 11/09/15): Resurface original roof, remove roof change from scope. Add (8) skylights in new openings and (2) equipment curbs.

Issued Date: 04/28/2015 **Previous Use:** Offices

Expiration Date: 05/25/2016 **Proposed Use:** Medical Offices

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

WHO WILL PERFORM THE WORK:
CALIFORNIA LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. California State License - Contractor - 941111

Print Name: Nelson Jameson Contractor Signature: [signature]

WORKER'S COMPENSATION DECLARATION :

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

(___) I have and will maintain a certificate of consent to self-insure for Workers' Compensation, issued by the Department of Labor Relations as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. Policy #: _____

(___) I have and will maintain Workers' Compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My Worker's Compensation Insurance carrier and policy number are:
Carrier: State Fund Policy #: 35706 Expiration Date: 10-01-16.

(___) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should subsequently become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).
LENDER'S NAME: LENDER'S ADDRESS: _____

SIGNATURES AND AGREEMENT

(X) I certify that I have read this application and state that the information given is complete and correct. I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law. I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed. I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(X) Licensed Contractor (___) Agent for Contractor (___) Property Owner* (___) Agent for Owner**

SIGNATURE: [signature] Date: 11/9/15

*Requires separate verification form
** Requires separate authorization form

Contacts

Issued To:

JAMESON CONSTRUCTION
107 JAMES AVENUE
REDWOOD CITY, CA 94062
4157108656

Owner:

BJJF LLC
244 9TH STREET
SAN FRANCISCO, CA 94103
4156786800

REVISION/PLAN CHECK RESUBMITTAL FORM

REVISED 11/5/15

(Circle one that is applicable)

REVISION / RESUBMITTAL

- **Project Number:** bd2014-250406
- **Planning Application #:** (If Applicable) _____
- **Project Address:** 521 E 5TH AVE, SAN MATEO
- **Delivered By:** B. JOHAL
- **Phone #:** 415 678 6800

Date:

CITY OF SAN MATEO

NOV 09 2015

BUILDING DIVISION

CONTACT PERSON: ☐ OWNER ☐ ARCHITECT ☐ CONTRACTOR ☐ ENGINEER ☐ DESIGNER

CONTACT INFO:

- **Name:** BARRY JOHAL **Phone #** _____
- **Company:** _____ **FAX / EMAIL** _____
- **Address:** 244 9TH ST, SAN FRANCISCO

Description of Revision / Resubmittal: **Revision Valuation:** $ _____

Return roof to original

Checklist: All applications for revisions/plan check resubmittals must contain the following:

___ 1. Minimum of four COMPLETE or COLLATED sets of the revised plans.
___ 2. An itemized list of changes or corrections specifying the location on the plans. (If Plan Check Resubmittal, it can be listed on the Plan Check Correction Letter)
___ 3. All revisions/changes are clouded on the plans.
___ 4. Plans are wet signed by the architect or engineer. (Minimum two set of plans)

For Official Use:

Plan Check Submittal Sequence # _____

Received By: _____

Plan Check Time:

1 Hours x $_____ per hour = _____

ROUTE TO:

Fire ☐(____) Building ☐(____) PW ☐(____)

Planning ☐(____) C&D ☐(____) Police ☐(____)

Wet Waste ☐(____) Other ☐(____)

# of plans submitted: _____

Approved By: _____ Date: 11-9-15 1HR CW 11/9/15

CITY OF SAN MATEO :: BUILDING DIVISION

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Inspection Record

Commercial (Alter)
Converted

Building Permit #:	bd2014250406	**IVR #:** 687265	**Project Valuation:**	$ 620,000.00	
Assessor Parel #:	034186090		**Issued Date:**	04/28/2015	
Project Address:	521 E 5TH AVE		**Expiration Date:**	05/25/2016	

Issued To:
JAME5ON CONSTRUCTION
107 JAMES AVENUE
REDWOOD CITY, CA 94062
4157108656

Owner:
BJJF LLC
244 9TH STREET
SAN FRANCISCO, CA 94103
4156786800

Work Description:

T.I. "Infinity Dental Center" Convert (E) office space to (N) Dental Office. 4,152 SF.
Facade alterations, interior bearing and non-bearing walls and ceilings.
Revision 1 (Issued OTC 11/09/15): Resurface original roof, remove roof change from scope. Add (8) skylights in new openings and (2) equipment curbs.

PLEASE BE ADVISED THAT YOU ARE RESPONSIBLE FOR THE FOLLOWING:

For making all inspection request. A minimum of 24 hours advance notice is required for all inspection performed by the Building Divisior A minimum of 48 hours for all inspections performed by the Fire, Planning & Public Works Departments.
Please note this moy not guarantee you the next business day inspection. Inspections are on a first call basis and a given number of inspections are allocated for each day.

When requesting a Building Inspection through our automated system, you will be required to provide the IVR# to schedule.

The day of a scheduled inspection, you may call the Building Division after 8:30 a.m. to receive a 2 hour timeframe of the scheduled inspection.

Inspections are performed Monday thru Friday 8:30a.m. to 5p.m.

Maintain all construction documents (approved plans, permit card) in legible condition and ensure that they are at the job site for inspections.

Provide any and all equipment (ladders, lights, etc.) necessary to complete the inspection.

This permit becomes invalid if work is not commenced within 180 days after issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 180-day after the time the work is commenced.

This permit does not include any construction within the Public Right of Way. Any construction in this area requires a separate permit from the Public Works Department.

Hours of Construction:

Monday-Friday:	7:00a.m. - 7:00p.m.
Saturday:	9:00a.m. - 5:00p.m.
Sunday	12:00p.m. - 4:00p.m.
Holiday	12:00p.m. - 4:00p.m.

Related Actions and Sub Permits Associated to Main Permit

For Inspection Request Please Call:

Building:	(650) 522-7170 (IVR # Required)
Fire:	(650) 522-7940
Planning:	(650) 522-7202
Public Works:	(650) 522-7522 Ext- 6900

5torm Water Pollution Prevention (STOPPP) Inspections will need to call the Public Works Department to schedule:
- **·STOPPP Pre-Construction inspection &**
- **·STOPPP Final Inspection**

All projects associated with a Planning Application are required to call the Planning Department to schedule the following inspections:
- **·Planning Rough Frame &**
- **·Planning Final**

NOTE: THIS CARD AND APPROVED PLANS MUST BE KEPT DISPLAYED IN A CON5PICUOUS PLACE ON OR IN THE BUILDING WHERE THE SAME CAN BE READILY SEEN BY THE IN5PECTORS. Inspections must be called for and made as required by Section 108.2 of the Uniform Administrative Code as adopted by the City of San Mateo.

RECEIPT (TRC-007321-09-11-2015)

November 09, 2015

BILLING CONTACT
NELSON JAMESON
JAMESON CONSTRUCTION
107 James Avenue
Redwood City, Ca 94062

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
bd2014250406 521 E 5Th Ave San Mateo, CA	Building Plan Check (Hourly)	R26-3125-325406	Credit Card	$195.60
	Fire Plan Check (Hourly)	R24-5622-325205	Credit Card	$153.00
			SUB TOTAL	**$348.60**
			TOTAL	**$348.60**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance

Mechanical

Alter/Repair Per Fixture

Building Permit: MH-2015-255953

IVR #: 104518

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation :
521 E E 5TH Ave	034186090	$18,000.00

Work Descripton: Remove and replace 2 (E) HVAC units on the roof, the west and east units only.

Issued Date: 11/09/2015 **Previous Use:** Offices

Expiration Date: 05/12/2016 **Proposed Use:** Offices

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

WHO WILL PERFORM THE WORK:

CALIFORNIA LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. California State License - Contractor - 860715

Print Name: Armen Grigorian Contractor Signature: _____

WORKER'S COMPENSATION DECLARATION :

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

(___) I have and will maintain a certificate of consent to self-insure for Workers' Compensation, issued by the Department of Labor Relations as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. Policy #: _____

(✓) I have and will maintain Workers' Compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My Worker's Compensation Insurance carrier and policy number are:
Carrier: State Comp. Ins. Fund Policy #: 9133345-15 Expiration Date: 5/22/16

(___) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should subsequently become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).
LENDER'S NAME: LENDER'S ADDRESS: _____

SIGNATURES AND AGREEMENT

(✓) I certify that I have read this application and state that the information given is complete and correct. I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law. I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed. I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(X) Licensed Contractor (___) Agent for Contractor (___) Property Owner* (___) Agent for Owner**

SIGNATURE: _____ Date: 11-9-15

*Requires separate verification form
** Requires separate authorization form

Contacts

Issued To:

TECHPRO BUILDERS
88 41ST
SAN MATEO, CA 94403
6507730608

Owner:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT #_____ PA #:_____(if applicable)

1	Project Address: 521 E 5th Ave.	Unit #:	Floor:

2	Project Description: Replace two package units. located on the roof.	Valuation of Project: $18,000

3	Type of Project:	Square Footage:	Project Includes:	Existing Use:
	New Structure:	Sq. Ft.	☐ Electrical	
	Addition:	Sq. Ft.	☒ Mechanical	
	Alteration/Remodel:	Sq. Ft.	☐ Plumbing	
	Garage New:	Sq. Ft.		Proposed Use:
	Garage Alter:	Sq. Ft.		
	Other (Misc.):	Sq. Ft.		
	Demolition:	Sq. Ft.		

4	Property Owner's Name: BJJF LLC	Number & Street Name: 244 9th St.	City & Zip Code: San Francisco, 94103	Phone Number: ~~415~~ 4156786800

5	Applicant Information: ☐ Agent for Owner ☒ Owner ☐ Owner-Builder ☐ Agent for Contractor ☐ Contractor ☐ Architect ☐ Engineer ☐ Developer ☐ Tenant			
	Applicant's (Contact) Name: Armen Grigorian	Number & Street Name: 88 41st Ave.	City & Zip Code: San Mateo, 94403	Phone Number: 6507736586
	Company Name: Techpro Builders	E-Mail Address: techpro6uilders@gmail.com		Fax Number:

6	Contractor's Name: Karen Grigorian	Number & Street Name: 88 ~~41~~ 41st Ave.	City & Zip Code: San Mateo, CA	Phone Number: 6507730608
	Business License #: 2016-C69542	Contractor's State License #: 860715		License Class: B, C20
	Worker's Compensation Carrier: State Compensation Ins. Fund	Policy #: 9133345-15		Expiration Date: 5/22/16

7	Architect's Name:	Number & Street Name:	City & Zip Code:	Phone Number:
	Company Name:	Lic#:	Email Address:	Fax Number:

8	Tenant's Name:	Number & Street Name:	City & Zip Code:	Phone Number:

9	Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.		
	Signature of Applicant:	Print Name: Armen Grigorian	Date: 11-9-15

Additional Information/Notes:

RECEIPT (TRC-007335-09-11-2015)

November 09, 2015
BILLING CONTACT

TECHPRO BUILDERS
88 41St
San Mateo, Ca 94403

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
MH-2015-255953 521 E E 5Th Ave San Mateo, CA 94401	Mechanical Permit Fee	R26-3125-325403	Credit Card	$117.36
			SUB TOTAL	**$117.36**
			TOTAL	**$117.36**

City of San Mateo
Application & Permit
Development Review Counter
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Building Project

Project # **bd2014-250406**

PA: **PA13-081**

Project

Project Location:						Parcel Number:	Total Project Valuation:
1	521	E	5TH AVE		39650	034-186-090	$ 620,000.00
Structure ID	Street #	Dir.	Street Name	Unit #	Business #		

Project Description: T.I. "Infinity Dental Center" Convert (E) office space to (N) Dental Office. 4,152 SF. Facade alterations, interior bearing and non-bearing walls and ceilings.

Issued Date	04/28/2015	Previous Use	Offices	Occupancy Code UBC	
Expiration Date	10/25/2015	Proposed Use	Medical Offices		

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

#2 WHO WILL PERFORM THE WORK:

2a - CALIFORNIA LICENSED CONTRACTOR'S DECLARATION
I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. 948665 & B

Print Name: [illegible] Contractor Signature: X BRENT BOCKIE.

#3 IDENTIFY WORKERS' COMPENSTATION COVERAGE AND LENDING AGENCY:

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

WORKERS' COMPENSATION DECLARATION
I hereby affirm under penalty of perjury one of the following declarations:

( ) I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. Policy No.: _____

( ) I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: State Fund Policy No: 9065843 Expiration Date: 8-1-15

( ) I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY
I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lender's Name and Address: _____

#4 DECLARATION BY CONSTRUCTION PERMIT APPLICANT:

By my signature below, I certify to each of the following:

I am (X) a California licensed contractor or ( ) the property owner* or ( ) authorized to act on the property owner's behalf**.

I have read this construction permit application and the information I have provided is correct.
I agree to comply with all applicable city and county ordinances and state laws relating to building construction.
I authorize representatives of this city or county to enter the above-identified property for inspection purposes.
*requires separate verification form
**requires separate authorization form

California Licensed Contractor, Property Owner* or Authorized Agent**:

Signature: [illegible] Date: X 4/28/15

Contacts

Issued To:

Contractor
RINNOVO GROUP
RINNOVO GROUP
3941 PARK DR STE 20-124
EL DORADO HILLS CA 95762-0000
(916) 467-6539

Owner:

BJJF LLC
244 9TH STREET
SAN FRANCISCO CA 94103-0000
(415) 678-6800

Permits

No.	Type	Status	Date Issued	Construction Type
1	Building Energy	Issued	04/28/2015	

USE CODES:	Description	Quantity	Unit	Valuation
1435	COMMERCIAL, TI, REMODEL	4,152	SQ FT	$213,412.80
			Totals:	**$ 213,412.80**

No.	Type	Status	Date Issued	Construction Type
2	Electrical	Issued	04/28/2015	

USE CODES:	Description	Quantity	Unit	Valuation
1900	ELECTRICAL SYSTEM NEW/ALTER	4,152	SQ FT	$622.80
			Totals:	**$ 622.80**

No.	Type	Status	Date Issued	Construction Type
3	Plumbing	Issued	04/28/2015	

USE CODES:	Description	Quantity	Unit	Valuation
2100	PLUMBING SYSTEM NEW/ALTER	4,152	SQ FT	$622.80
			Totals:	**$ 622.80**

No.	Type	Status	Date Issued	Construction Type
4	Mechanical	Issued	04/28/2015	

USE CODES:	Description	Quantity	Unit	Valuation
2000	MECHANICAL SYSTEM NEW/ALTER	4,152	SQ FT	$622.80
			Totals:	**$ 622.80**

Project Fees

Type	Account #	Date Paid	Paid By	Amount Due
Fire Plan Check, Fire	R24-5622-325205	07/02/2014	SWILLIAMS	$ 2,223.34
Building Plan Check	R26-3125-325406	07/02/2014	SWILLIAMS	$ 5,903.91
Planning Plan Check	R26-3111-340106	07/02/2014	SWILLIAMS	$ 2,361.37
Building Permit Fee/Energy	R26-3125-325401	04/28/2015	nasol	$ 6,945.80
Building Service Fee	R26-3125-325408	04/28/2015	nasol	$ 2,976.00
Planning Service	R25-3112-340116	04/28/2015	nasol	$ 2,418.00
Park Plan Check & Inspec. Fee	R10-6143-340126	04/28/2015	nasol	$ 310.00
Building Standard Commission	B10-224104	04/28/2015	nasol	$ 25.00
Archive Maintenance	R26-3125-325407	04/28/2015	nasol	$ 347.29
Planning Inspection	R26-3111-340106	04/28/2015	nasol	$ 310.00
SMI Tax - Commercial	B10-224102	04/28/2015	nasol	$ 173.60
C&D Recycling Fee	B10-221003	04/28/2015	nasol	$ 18,600.00
Electrical Permit	R26-3125-325402	04/28/2015	nasol	$ 49.54
Electrical Fixture	R26-3125-325402	04/28/2015	nasol	$ 622.80
Plumbing Permit	R26-3125-325404	04/28/2015	nasol	$ 49.54
Plumbing Fixture	R26-3125-325404	04/28/2015	nasol	$ 622.80
Mechanical Permit	R26-3125-325403	04/28/2015	nasol	$ 49.54
Mechanical Fixture	R26-3125-325403	04/28/2015	nasol	$ 622.80
Sewer Connection Fee Direct	R72-4691-340701	04/28/2015	nasol	$ 4,320.00
			Totals Due:	**$ 48,931.33**
			Totals Paid:	**$ 48,931.33**
			Balance Due:	**$0.00**

City of San Mateo

Receipt

	Date	04/28/2015
RINNOVO GROUP	**Receipt Number**	2015107878
3941 PARK DR STE 20-124, EL DORADO HILLS, CA, 957620000	**Transaction Number**	2015-004463
	Payment Method	Check 2530
bd2014250406 - 521 5TH AVE E	**Batch Number**	2015042800101

Archive Maintenance	R26-3125-325407		$ 347.29
Building Permit Fee/Energy	R26-3125-325401		$ 6,945.80
Building Service Fee	R26-3125-325408		$ 2,976.00
Building Standard Commission	B10-224104		$ 25.00
C&D Recycling Fee	B10-221003		$ 18,600.00
Electrical Fixture	R26-3125-325402		$ 622.80
Electrical Permit	R26-3125-325402		$ 49.54
Mechanical Fixture	R26-3125-325403		$ 622.80
Mechanical Permit	R26-3125-325403		$ 49.54
Park Plan Check & Inspec. Fee	R10-6143-340126		$ 310.00
Planning Inspection	R26-3111-340106		$ 310.00
Planning Service	R25-3112-340116		$ 2,418.00
Plumbing Fixture	R26-3125-325404		$ 622.80
Plumbing Permit	R26-3125-325404		$ 49.54
Sewer Connection Fee Direct	R72-4691-340701		$ 4,320.00
SMI Tax - Commercial	B10-224102		$ 173.60
		Total Paid	$ 38,442.71

CITY OF SAN MATEO

Revised 8/28/2014

Construction and Demolition (C&D) Projects - Recycling and Waste Reduction Plan

Circle one: Demolition | New Construction | Alteration (Addition/Remodel/Tenant Improvement)

Project Site Address: 521 E. 5TH. AVE.

Permit # 2504016

Project Contact: CHRIS CAMPOS

Valuation:

Phone: 925 - 822 - 5725

Square Footage Altered: 4152

E-mail: C.CAMPOS@CEDARCREEKBUILD.CO.COM

Square Footage Added: -0-

Estimated Start Date: 4/28/15

1. Briefly describe the project: REMODEL OF (E) COMMERCIAL BUILDING (INTERIOR & EXTERIOR)
2. What vehicle type will be used to haul materials? (Circle all that apply) Debris box, trailer, dump truck, pick-up truck)
3. List any ***deconstruction, salvage or on-site reuse*** of materials (i.e. - cabinets/windows/fixtures, on-site grinding):

Deposit Calculation - Select ONE Only

Alteration, Addition or Tenant Improvement ($50,000+): Valuation: $ _____ x 3% = $ 15,000

($1,000 minimum, $10,000 maximum for residential alteration, $30,000 maximum for commercial alteration/ tenant improvement)

(OR) Demolition of Entire Building or Interior Office Space: Valuation: $ _____ x 3% = $ _____

($1,000 minimum, $10,000 maximum for residential demolition, $30,000 maximum for commercial demolition)

(OR) New Construction of Entire Building: Valuation: $ _____ x 3% = $ _____

($1,000 minimum, $10,000 maximum for residential new construction, $30,000 maximum for commercial new construction)

Common Materials in Additions/Remodels/Tenant Improvements

Type of Material	Quantity (Cu. Yds)	Quantity (Tons)	Recycled (Tons)	Disposed (Tons)	Material Diversion Rate (%)	Disposal or Recycling Facility Used *(example: ABC debris box to XYZ recycling facility)*
Mixed C&D						Redwood City Tc Center
Concrete						
Dirt						
Salvage/Reuse						
Other						

Weight tags must show Recycling from this C&D Project

C&D = Construction & Demolition

MSW & Refuse = Garbage

**For all projects, at least 25% of diverted material shall come from waste that excludes soil, concrete, asphalt and other non-structural debris.*

X _____
Signature of applicant/contractor:

BRENT BOCKIE
Print Name:

RINNOVO GROUP INC.
Name and mailing address of who deposit refund will be paid to:

3741 PARK DR. # 20-124

EL DORADO HILLS, CA. 95762.

Approved by:

4/28/15
Date:

REFUND REQUESTS MUST BE SUBMITTED WITHIN 60 DAYS FROM THE DATE OF THE FINAL INSPECTION OR THE DEPOSIT WILL BE FORFEITED.

E-mail: CDrecycling@cityofsanmateo.org Phone: 650-522-7379 or 650-522-7346

City of San Mateo

Receipt

	Date	04/28/2015
RINNOVO GROUP	**Receipt Number**	2015107878
3941 PARK DR STE 20-124, EL DORADO HILLS, CA, 957620000	**Transaction Number**	2015-004463
	Payment Method	Check 2530
bd2014250406 - 521 5TH AVE E	**Batch Number**	2015042800101

Archive Maintenance	R26-3125-325407		$ 347.29
Building Permit Fee/Energy	R26-3125-325401		$ 6,945.80
Building Service Fee	R26-3125-325408		$ 2,976.00
Building Standard Commission	B10-224104		$ 25.00
C&D Recycling Fee	B10-221003		$ 18,600.00
Electrical Fixture	R26-3125-325402		$ 622.80
Electrical Permit	R26-3125-325402		$ 49.54
Mechanical Fixture	R26-3125-325403		$ 622.80
Mechanical Permit	R26-3125-325403		$ 49.54
Park Plan Check & Inspec. Fee	R10-6143-340126		$ 310.00
Planning Inspection	R26-3111-340106		$ 310.00
Planning Service	R25-3112-340116		$ 2,418.00
Plumbing Fixture	R26-3125-325404		$ 622.80
Plumbing Permit	R26-3125-325404		$ 49.54
Sewer Connection Fee Direct	R72-4691-340701		$ 4,320.00
SMI Tax - Commercial	B10-224102		$ 173.60
		Total Paid	$ 38,442.71

Department of Community Development
Building and Safety Division

330 W. 20th Ave. San Mateo, CA 94403
Phone: (650) 522-7172 Fax: (650) 522-7171
www.cityofsanmateo.org

PROJECT ADDRESS: 521 E. 5th ave	PERMIT #: BD 204-2504	APN#: 034-186-092
PROJECT DESCRIPTION: Building renovation w/no added square footage		

REINFORCED CONCRETE, GUNITE, GROUT AND MORTAR:

Concrete	Gunite	Grout	Mortar	
				Aggregate Tests
				Reinforcing Tests
				Mix Designs
X				Reinforcing Placement
				Batch Plant inspection
X				Inspect Placing
X				Cast Samples
X				Pick-up Samples
X				Compression Tests

CAST INPLACE/PRECAST/PRESTRESSED CONCRETE:

Piles	Post-Tens	Pre-Tens	Cladding	
				Aggregate Tests
				Reinforcing Tests
				Tendon Tests
				Mix Designs
				Reinforcing Placement
				Insert Placement
				Concrete Batching
				Concrete Placement
				Installation Inspection

MASONRY:

	Special Inspection Stresses used
	Preliminary Acceptance Tests (Masonry Units, Wall Prisms)
	Subsequent Tests (Mortar, Grout, Field Wall Prisms)
	Placement Inspection of Units

ADDITIONAL INSTRUCTIONS OR OTHER TESTS AND INSPECTIONS: Post-installed anchors with tension testing

STRUCTURAL STEEL WELDING:

	Sample and Test (list specific members below)	
	Shop Material Identification	
X	Welding Inspection	☐ Shop ☒ Field
	Ultrasonic inspection	☐ Shop ☐ Field
	High-strength Bolting Inspection	☐ Shop ☐ Field
	☐ A325 ☐ A490 ☐ N ☐ X ☐ F	
	Metal Deck Welding Inspection	
	Concrete insert Welding Inspection	
	INSTALLATION OF EPOXY EMB ANCHORS	

FIREPROOFING:

	Placement Inspection
	Density Tests
	Thickness Tests
	Inspect Batching

INSULATING CONCRETE:

	Sample and Test
	Placement Inspection
	Unit Weights

FILL MATERIAL:

	Acceptance Tests
	Placement inspection
X	Field Density

STRUCTURAL WOOD:

X	Shear Wall Nailing Inspection
	Inspection of Glu-lam Fab.
	Inspection of Tress Joist Fab
	Sample and Test Components

ACKNOWLEDGEMENTS:

I have read and agree to comply with the terms and conditions of this agreement:

Owner:	Print Name: B. JOHAL Signature: [signature] Date: 9/9/14	Engineer's/Architect's Seal & Signature Here:
Contractor:	Print Name: TBD RINNOVO GROUP INC. Signature: [signature] Date: 4/21/15	
Special Inspector or Inspection Agency:	Print Agency Name: TBD Signature: [signature] Date: 4/21/201	
Project Engineer/Architect:	Print Name: James M. Lemaire Date: 09/08/2014	
City Approval:	Signature: [signature] Date: 4-28-15	

Department of Community Development
Building and Safety Division

330 W. 20th Ave. San Mateo, CA 94403
Phone: (650) 522-7172 Fax: (650) 522-7171
www.cityofsanmateo.org

RECOGNIZED SPECIAL INSPECTION & TESTING AGENCIES

The following testing agencies are accepted until the expiration date listed in the right column

Updated: August 12, 2014

Key: RC=Reinforced Concrete; PC=Prestressed/Post-tensioned Concrete; SM=Structural Masonry
SS=Structural Steel Welding/Bolting; FP=Spray-Applied Fireproofing; URM=Unreinforced Masonry Push/Torque Tests Only

Agency Name	HQ Address	Phone/Fax	RC	PC	SM	SS	FP	EXPIRATION DATE
A-1 Inspection Service	1754 Mission Street San Francisco, CA 94109	(415) 621-8001 (415) 358-4409	X	X	X	X		5/8/2016
Achievement Engineering Corp	434 Camille Circle #13 San Jose, CA 95134	(800) 653-1397 (408) 852-0331	X					10/26/2015
Applied Materials & Engineering, Inc.	980 41st Street Oakland, CA 94608	(510)420-8190 (510)420-8186	X	X	X	X	X	1/24/2017
BAGG Engineers	847 West Maude Ave Sunnyvale, CA 94085-2911	(650) 852-9133 (650) 852-9138	X	X	X	X	X	12/8/2014
Berlogar Stevens & Associates	5587 Sunol Blvd Pleasanton, CA 94566	(925) 484-0220 (925) 846-9645	X	X	X	X		10/24/2015
Biggs Cardosa Associates, Inc.*	865 The Alameda San Jose, CA 95126	(408) 296-5515 (408) 296-8114	X	X	X	X		2/10/2017
Consolidated Engineering Labs	2001 Crow Canyon Rd, Ste 100 San Ramon, CA 94583	(925) 314-7100 (925) 855-7140	X	X	X	X	X	6/19/2016
Construction Testing Services	2118 Rheem Dr Pleasanton, CA 94588	(925) 462-5151 (925) 462-5183	X	X	X	X	X	11/19/2016
ENGEO	2010 Crow Canyon Place, Ste 250 San Ramon, CA 94583	(925) 866-9000 (888) 279-2698	X	X	X	X	X	2/24/2017
HP Inspections, Inc	690 Sunol St., Building H San Jose, CA 95126	(408) 288-8460 (408) 271-0902	X	X	X	X	X	2/21/2017
Inspection Services Inc.	1798 University Avenue Berkeley, CA 94703	(415) 243-3265 (415) 243-3266	X	X	X	X	X	2/16/2015
Kleinfelder Inc	2601 Barrington Court Hayward, CA 94545	(925) 484-1700 (510) 887-5932	X	X	X	X	X	1/1/2017
Krazan and Associates Inc.	6711 Sierra Ct, Ste B Dublin, CA 94568	(925) 307-1160 (925) 307-1161	X	X	X	X	X	10/1/2015
MatriScope, Inc	601 Bercut Drive Sacramento, CA 95811	(916) 375-6700 (916) 447-6702	X	X	X	X	X	6/14/2016
RES Engineers, Inc.	1250 Missouri St, #207 San Francisco, CA 94107	(415) 822-4625 (415) 822-8925	X	X	X	X	X	8/22/2016
Signet Testing Labs, Inc.	3526 Breakwater Court Hayward, CA 94545	(510) 887-8484 (510) 259-1068	X	X	X	X	X	7/30/2017
Smith-Emery Company	1940 Oakdale Ave. San Francisco, CA 94124	(415) 642-7326 (415) 642-7055	X	X	X	X	X	6/3/2014
Stevens, Ferrone & Bailey	1600 Willow Pass Court Concord, CA 94520	(925) 688-1001 (925) 688-1005	X	X	X	X	X	5/11/2015
Testing Engineers Inc.	2811 Teagarden Street San Leandro, CA 94577	(510) 835-3142 (510) 834-3777	X	X	X	X	X	8/7/2016

Agencies have not been evaluated for geotechnical special inspection or nondestructive testing. Agencies may not be qualified to perform all aspects of special inspection. Agencies may have offices in more than one location. Building Officials may add and/or remove agencies from this list. Building Officials may add and/or remove agencies from this list.
. *Agency Subcontracts Laboratory Service

13-081

15,304.00 $904.00 - E.R

14,400.00 - Deposit

G.L INS. w/ CITY OF S.M.
E ADD INS.

SANITARY SEWER CONNECTION CHARGE

Commercial, Industrial, Church, and Golf Courses
(NON-RESIDENTIAL USES)

July 1,2014–June 30, 2015 FEE SCHEDULE AND WORKSHEET

The sewer connection fee is charged for construction of new buildings and the modification of existing buildings as noted below. The fee is collected prior to issuance of a building permit.

Churches and Golf Courses are charged a flat rate; other non-residential uses are charged based upon the fixture-units added by the project. A credit is allowed for each fixture-unit demolished by the project. An explanation of fixture-units and an example calculation is provided on the back of this worksheet.

Please use the chart below to calculate the connection fee for your project and bring the completed form to the building department. This fee calculation will become part of your building permit application.

			Remodel	New
Church/Golf Course	Flat rate per connection	$2,429.00	_____	_____

Remodels are not assessed a connection fee unless a new sewer connection is required. Place a check mark in the new or remodel category corresponding to the type of building permit for which you are applying.

Other Nonresidential Permits Fees are calculated as follows: (Including Hospitals; Lodges and Clubs; Rest, Residential Care and Convalescent Homes; Schools; Commercial and Industrial Permits).

Count the number of plumbing fixtures (by type) included on the project plans and enter the total of each fixture type in the space provided in the table below. Multiply the number entered for each fixture type by the fixture unit (FU) value provided to obtain a Fixture Unit Count. If the project involves demolition of previously occupied structures that included plumbing fixtures fill out the second half of the Table (credit for demolished fixtures). Subtotal the Fixture Units Counts for both new and demolished or removed fixtures. Subtract the Subtotal Credit Fixture Units from the Subtotal New Fixture Units to get the Fixture Unit Total for the project. Multiply the Fixture Unit Total by $120.00 to calculate the Sanitary Sewer Connection Charge for the project.

NEW FIXTURE COMPUTATION

Fixture Type	#		FU	FU Count
Toilet(Water Closet) Private	1	X	2.5	2.5
Toilet(water closet) Public	2	X	5	10
Urinal	1	X	4	4
Sink	17	X	2	34
Floor Drain	3	X	3	9
Grease Interceptor	___	X	2	_____
Dishwasher	___	X	1.5	_____
Shower	1	X	2	2
Clothes Washers	___	X	4	_____
New Fixture Unit Subtotal				61.5

CREDIT FOR DEMOLISHED FIXTURES

Fixture Type	#		FU	FU Count
Toilet(Water Closet) Private	1	X	2.5	2.5
Toilet(water closet) Public	2	X	5	10
Urinal	1	X	4	4
Sink	3	X	2	6
Floor Drain / MOP SINK	1	X	3	3
Grease Interceptor	___	X	2	_____
Dishwasher	___	X	1.5	_____
Shower	___	X	2	_____
Clothes Washers	___	X	4	_____
Credit Fixture Unit Subtotal				25.5

New Fixture Units 61.5 **(minus) Credit Fixture Units** 25.5 = 36 **Fixture Unit Total**

Connection Fee = Fixture Unit Total 36 **x $120.00 per FU = $** 4,320.00 **TOTAL**

Name BRENT BOCKIE - RINNOVO GENP **Project Address** 521 E. 5TH AVE, SAN MATEO
Permit Number: BD 2014-250406
EP# 2015-122

City of San Mateo

Receipt

	Date	07/02/2014
The Kohan Group	**Receipt Number**	2014097051
100 Bush Street, San Francisco , CA, 941140000	**Transaction Number**	2014-007071
	Payment Method	Check
bd2014250406 - 521 5TH AVE E	**Batch Number**	2014070200101

Building Plan Check	R26-3125-325406		$ 5,903.91
Fire Plan Check, Fire	R24-5622-325205		$ 2,223.34
Planning Plan Check	R26-3111-340106		$ 2,361.37
		Total Paid	$ 10,488.62

WORKSHEET FOR BUILDING PERMIT

Dept. of Community Development
330 W. 20th Ave. San Mateo, CA 94403-1388

PLAN CHECK #: 2504076
PA NUMBER:
DATE:

1 PROJECT ADDRESS: 521 East 5th Avenue San Mateo, CA 94402 UNIT NO.

WORK DESCRIPTION: **USE OF BUILDING:**

2 Briefly describe the scope of work: Construct Tenant Improvement For New Dental Facility in an existing building @521 E. 5th Ave, San Mateo, CA including Facade alterations, interior bearing/non bearing partitions and ceilings 4,152 SF

VALUATION: $ 1020,000 (based on dept valuation schedule)

Existing Use: B occupancy

Proposed Use: B occupancy

* **3** Property Owner's Name: BLF, LLC | Number & Street Name: 244 9th St. | City & Zip Code: San Francisco, CA 94103 | Phone Number: 415 678-6800

4 Applicant Information: ☒ Agent for Owner ☐ Owner ☐ Owner-Builder ☐ Agent for Contractor ☐ Contractor ☒ Architect ☐ Engineer ☐ Developer ☐ Tenant

Applicant's (Contact) Name: Mohsen Ghoreishi | Number & Street Name: 100 BUSH | City & Zip Code: San Francisco | Phone Number: 415.348.0008

Company Name: KOHAN | E-Mail Address: | Fax Number:

5 Contractor's Name: RINNOVO GROUP | Number & Street Name: 3941 Raza Dr. 20-124 | City & Zip Code: El Dorado Hills | Phone Number: 916-941-6498

Business License #	Contractor's State License #	License Class
~~948665~~ C70622	948665	B.
Worker's Compensation Carrier	**Policy #**	**Expiration Date**
STATE FUND	9065843	8/1/15

6 Architect's Name: James Lemoine | Number & Street Name: 100 BUSH | City & Zip Code: San Francisco, 94104 | Phone Number: 415 348.0008

Company Name: KOHAN | Lic#: C-21971 | E-Mail Address: jlemoine@kohanic.com | ~~Fax Number~~

7 Engineer's Name: Sanat Roy | Number & Street Name: 39510 Paseo Padre PKWY #260 | City & Zip Code: Fremont, CA | Phone Number: 510 7948091

Company Name: Roy Associates | Lic#: M19038 | E-Mail Address: Roy@royassociates.com | ~~Fax Number~~

* **8** Tenant's Name: In Andy Dental + Surgical Center | Number & Street Name: 244 9th st | City & Zip Code: San Francisco, CA 94103 | Phone Number: 415 678-6800

9 Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.

SIGNATURE OF APPLICANT: PRINT NAME: MOHSEN GHOREISHI DATE: JUNE 25, 2014

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Inspection Record

REVISION

Fire Permit

Fire Sprinkler - Comm / Multi-Family

Building Permit #:	FR-2019-270405	**Project Valuation:**	$ 10,000.00
Assessor Parel #:	034186090	**Issued Date:**	02/12/2019
Project Address:	521 E 5TH AVE	**Expiration Date:**	11/05/2019

Issued To:
CERTIFIRE SPRINKLER CO INC
5538 MCDONALD AVE
NEWARK, CA 94560
4085616275

Owner:
BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

Work Description:
Modify (E) fire sprinkler system: Add 54 (N) heads and relocate 2 (E) heads.
TOTAL 3,979SF COMMERICAL T.I FOR SAFARI KID PRESCHOOL [BD2018-268851]
Revision 1: Updated calcs. ISSUED 5/23/19

PLEASE BE ADVISED THAT YOU ARE RESPONSIBLE FOR THE FOLLOWING:

For making all inspection request. A minimum of 24 hours advance notice is required for all inspection performed by the Building Division. A minimum of 48 hours for all inspections performed by the Fire, Planning & Public Works Departments.
Please note this may not guarantee you the next business day inspection. Inspections are on a first call basis and a given number of inspections are allocated for each day.

The day of a scheduled inspection, you may call the Building Division after 9:00 a.m. to receive a 2 hour timeframe of the scheduled inspection or go online to: https://www.cityofsanmateo.org/3321/Daily-Building-Inspections-Schedule

Inspections are performed Monday thru Friday 9:00a.m. to 5p.m.

Maintain all construction documents (approved plans, permit card) in legible condition and ensure that they are at the job site for inspections.

Provide any and all equipment (ladders, lights, etc.) necessary to complete the inspection.

This permit is valid for 12 months from the date of issuance. Extensions may be granted per AB2913.

This permit does not include any construction within the Public Right of Way. Any construction in this area requires a separate permit from the Public Works Department.

Hours of Construction:

Monday-Friday:	7:00a.m. - 7:00p.m.
Saturday:	9:00a.m. - 5:00p.m.
Sunday	12:00p.m. - 4:00p.m.
Holiday	12:00p.m. - 4:00p.m.

Related Actions and Sub Permits Associated to Main Permit

For Inspection Request:

Buiiding:	css.cityofsanmateo.org
Fire:	(650) 522-7940
Planning:	(650) 522-7202
Public Works:	(650) 522-7522 Ext- 6900

With the exception of residential fire sprinklers (13D), all Fire fees & inspections are to be paid and scheduled through the Bureau of Fire Protection & Life Safety Office.

Storm Water Pollution Prevention (STOPPP) Inspections will need to call the Public Works Department to schedule:
- **STOPPP Pre-Construction Inspection &**
- **STOPPP Final Inspection**

All projects associated with a Planning Application are required to call the Planning Department to schedule the following inspections:
- **Planning Rough Frame & Planning Final**

NOTE: THIS CARD AND APPROVED PLANS MUST BE KEPT AND DISPLAYED IN A CONSPICUOUS PLACE AT THE JOB SITE AT ALL TIMES.

REVISION / PLAN REVIEW RESUBMITTAL Form

VERSION 3.2 REVISED 01/13/16

Project Number: 270405 R1

Planning Application #: (If Applicable) _____

Project Address: 521 E 5th Ave

Delivered By: Antonio Mendoza

Phone #: 408 886 15 61

(Circle one that is applicable)
REVISION / **RESUBMITTAL**

Date:
CITY OF SAN MATEO
MAY 23 2019
BUILDING DIVISION

CONTACT INFO: ☒ OWNER ☐ ARCHITECT ☐ CONTRACTOR ☐ ENGINEER ☐ DESIGNER

Name: Antonio Mendoza **Phone #** 408 886 15 61

Company: Certifire Sprinkler Co **FAX / EMAIL** 408fireprotectionsystems@gmail

Address: 5358 McDonald Ave

Description of Revision / Resubmittal: **Revision Valuation:** $ _____

Add hydraulic cals for the original project

Checklist: All applications for revisions/plan check resubmittals must contain the following:

1. ___ Minimum of four COMPLETE or COLLATED sets of the revised plans.
2. ✓ An itemized list of changes or corrections specifying the location on the plans. (If Plan Check Resubmittal, it can be listed on the Plan Check Correction Letter)
3. ✓ All revisions/changes are clouded on the plans.
4. ✓ Plans are wet signed by the architect or engineer. (Minimum two set of plans)

For Office Use:

Plan Check Submittal Sequence # R1-1

Received By: EW

Plan Check Time:

.5 Hours x $ _____ per hour = _____

ROUTE TO:

Fire ☒(OTC) Building ☐(___) PW ☐(___)

Planning ☐(___) C&D ☐(___) Police ☐(___)

Wet Waste ☐(___) Other ☐(___)

# of plans submitted: 3

Approved By: M Mak **Date:** 5-23-19

RECEIPT (TRC-058940-23-05-2019)

May 23, 2019

BILLING CONTACT
MONTY DAVIS
CERTIFIRE SPRINKLER CO INC
5538 Mcdonald Ave
Newark, Ca 94560

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
FR-2019-270405 521 E 5Th Ave San Mateo, CA 94401	Fire Plan Check - SMCFD (Hourly)	B10-226306	Check #4053	$84.50
			SUB TOTAL	**$84.50**
			TOTAL	**$84.50**

Certifire Sprinkler Co. Inc.

5358 McDonald Avenue Newark, CA 94560

Phone 408.561.6275

Montydavis03@outlook.com

May 23, 2019

I authorize Antonio Mendoza to pick up signed plans for Safari Kids Club , San Mateo, California.

Monty Davis

Monty Davis
President, Certifire Sprinkler Co., Inc.
License number 1038764

CITY OF SAN MATEO

MAY 23 2019

BUILDING DIVISION

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Inspection Record

REVISION

Commercial (Alter)
TI (Office)

Building Permit #:	BD-2018-268851	**Project Valuation:**	$ 210,000.00
Assessor Parel #:	034186090	**Issued Date:**	12/06/2018
Project Address:	521 E 5TH AVE	**Expiration Date:**	10/14/2019

Issued To:
Safari Kid San Mateo
1717 Creek Drive
San Jose, CA 95125
4087718292

Owner:
BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

Work Description:

TOTAL 3,979SF COMMERICAL T.I FOR SAFARI KID PRESCHOOL: INSTALLATION OF NEW INTERIOR AND NON-BEARING WALLS, DOORS, ACCESSIBLE RESTROOMS, AND NEW SUSPENDED AND DRDP CEILING AND FLOOR FINISHES. M.E.P. INCLUDED.
Revision #1: Add scope of work - installation of new play equipment playground (submitted 4/5/19).
* DEFERRED FIRE SPRINKLER
Fire Alarm on FR2019-270353
Fire Sprinkler on FR2019-270405

PLEASE BE ADVISED THAT YOU ARE RESPONSIBLE FOR THE FOLLOWING:

For making all inspection request. A minimum of 24 hours advance notice is required for all inspection performed by the Building Division. A minimum of 48 hours for all inspections performed by the Fire, Planning & Public Works Departments.
Please nate this may not guarantee you the next business day inspection. Inspections are on a first call basis and a given number af inspections are allocated for each day.

The day of a scheduled inspection, you may call the Building Division after 9:00 a.m. to receive a 2 hour timeframe of the scheduled inspection or go online to: https://www.cityofsanmateo.org/3321/Daily-Building-Inspections-Schedule

Inspections are performed Monday thru Friday 9:00a.m. to 5p.m.

Maintain all construction documents (approved plans, permit card) in legible condition and ensure that they are at the job site for inspections.

Provide any and all equipment (ladders, lights, etc.) necessary to complete the inspection.

This permit is valid for 12 months from the date of issuance. Extensions may be granted per AB2913.

This permit does not include any construction within the Public Right of Way. Any construction in this area requires a separate permit from the Public Works Department.

Hours of Construction:

Monday-Friday:	7:00a.m. - 7:00p.m.
Saturday:	9:00a.m. - 5:00p.m.
Sunday	12:00p.m. - 4:00p.m.
Holiday	12:00p.m. - 4:00p.m.

Related Actions and Sub Permits Associated to Main Permit

FR-2019-270405 - Fire Permit
FR-2019-270353 - Fire Permit

For Inspection Request:

Building:	css.cityofsanmateo.org
Fire:	(650) 522-7940
Planning:	(650) 522-7202
Public Works:	(650) 522-7522 Ext- 6900

With the exception of residential fire sprinklers (13D), all Fire fees & Inspections are to be paid and scheduled through the Bureau of Fire Protection & Life Safety Office.

Storm Water Poilution Prevention (STDPPP) Inspections will need to call the Public Works Department to schedule:
- **STOPPP Pre-Construction Inspection &**
- **STOPPP Final Inspection**

All projects associated with a Planning Application are required to call the Planning Department to schedule the following inspections:
- **Planning Rough Frame & Planning Final**

NOTE: THIS CARD AND APPROVED PLANS MUST BE KEPT AND DISPLAYED IN A CONSPICUOUS PLACE AT THE JOB SITE AT ALL TIMES.

REVISION / PLAN REVIEW RESUBMITTAL Form

VERSION 3.2 REVISED 01/13/16

Project Number: BD-2018-268851

Planning Application #: (If Applicable) _____

Project Address: 521 E FIFTH AVE SAN MATEO

Delivered By: Shanu Mathur

Phone #: 408-771-8292

RJ

(Circle one that is applicable)
REVISION / **RESUBMITTAL**

Date: 4/5/2019
CITY OF SAN MATEO
APR 05 2019
BUILDING DIVISION

CONTACT INFO:
☑ OWNER ☐ ARCHITECT ☐ CONTRACTOR ☐ ENGINEER ☐ DESIGNER

Name: Shanu Mathur **Phone #** 4087718292

Company: SAFARI KID SAN MATEO **FAX / EMAIL** shanumathur@ymail.com

Address: 1717 CREEK DR
SAN JOSE 95125 CA

Description of Revision / Resubmittal: **Revision Valuation:** $ 99000/=

Installation of play equipment in the already approved playground ref. Permit no. BD-2018-268851

Checklist: All applications for revisions/plan check resubmittals must contain the following:

✓ 1. Minimum of ~~four~~ 3 COMPLETE or COLLATED sets of the revised plans.
✓ 2. An itemized list of changes or corrections specifying the location on the plans. (If Plan Check Resubmittal, it can be listed on the Plan Check Correction Letter)
✓ 3. All revisions/changes are clouded on the plans.
✓ 4. Plans are wet signed by the architect or engineer. (Minimum two set of plans)

For Office Use:

Plan Check Submittal Sequence # R1-1

Received By: VS

Plan Check Time:

1 / 0.5 Hours x $_____ per hour = _____

ROUTE TO:

Fire ☐(___) Building ☑(IH) PW ☐(___)
Planning ☑(LL) C&D ☐(___) Police ☐(___)
Wet Waste ☐(___) Other ☐(___)
# of plans submitted: 3

Approved By: IH / LL **Date:** 4/5/19 / 4/12/19

M.A.K. Associates, Inc. DBA

PlayGrounds Unlimited

980 Memorex Drive
Santa Clara, CA 95050
Phone: 408-244-9848
FAX: 408-330-9256
License #756794 DIR #1000008376

Estimate No. 20687
Ver. 1

Estimator
Lionel Lopez
Phone: 408-244-9848
FAX: 408-330-9256

Job Information

JOB LOCATION:

Name Safari Kid San Mateo PlayPour 1.75"
Address 1
Address 2
City State Zip San Mateo CA
Contact
Phone **FAX**

Company Information

ESTIMATE FOR: **Client ID** 19464

Name Barber Construction
Address 1 2630 Wyman Ct
Address 2 tybarberconstruction@yahoo.com
City State Zip Tracy CA 95377
Contact Ty Barber
Phone 510.714.2228 **FAX**

Estimate No 20687 **Ver** 1 **Date** 3/4/2019 **Associate** LL **Change Order #** **Vendor ID** PGU-
Job No **Job Name** Safari Kid San Mateo **Job Contact Name**

Scope of Work	Contract
02 Playground Poured-In-Place: Supply and install approx 1224 sqft of PLAYPOUR pour-in-place resilient rubber surfacing at 1.75" thickness (meets 4' fall) using 50% Black and 50% Standard Color with Standard "Aromatic" binder; area at 36' x 34'.	$10,000.00
Totals	$10,000.00
Other	
Grand Total	$10,000.00

Special Instructions

Standard wages applied

Trucking and Bobcat access required

Terms & Conditions

By signing below you acknowledge and agree to our **Contract**; Exclusions, Conditions, & Payment Terms which are to be included in, and supersede any additional contracts or sub-contract agreements made separately based on this "Estimate". Unless otherwise specified above we **Exclude** Responsibility for: material delivery &/or off loading equipment, removal of packaging accumulated by equipment supplied by others, project security, landscape & hardscape repair based on access route to site, delays or returns due to layout conflicts, missing or damaged components & hardware, removal of spoils from job site, locating underground; utilities, pipes, obstructions in work area, conditions unforeseen and/or not disclosed at time of estimate, permits, engineering, material testing, soil samples, play equipment certifications. **Conditions**: Grades; stable,compacted, & workable, (rough grade to be taken + or - one tenth of one inch), adequate access to work site provided for workmen, materials, tools, & equipment. Estimate good for 90 Days. **Payment Terms**: Material balance due on delivery / Installation balance due upon completion of project.

Print Name: TYRONE BARBER **Sign:** Tyrone Barber **Date:** 3/4/19

Initial: TB

FIRE SPRINKLER

Relocate and install new sprinkler heads

NOT INCLUDED IN BID

Power from outside
Low Voltage Wiring
Music system and communication unit
All permit fees
HVAC on roof top unit & VAV Boxes
Window Covering & film
Furniture & Cabinets
Playground equipment
Third party inspections
Fire Alarm System

INCLUDED IN BID

Architectural design, MEP engineering and Title 24
Job includes all labor and materials
Job will be performed according to plan specifications
All materials will be high quality commercial grade
Ground covering for the playground (per requirements)
Ceiling Insulation
Re-location of trash enclosure and opening of gate on the side passage (subject to city approval)
New Exit door at the back of the building

CONTRACT SUM:

We propose hereby to furnish material and labor – complete in accordance with these specifications for the sum of:

Two Hundred Ten Thousand 00/100....Dollars ($210, 000.00)

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance.

RECEIPT (TRC-057476-15-04-2019)

April 15, 2019
BILLING CONTACT

SS & AR LLC - SAFARI KID PRESCHOOL
521 E 5Th Avenue
San Mateo, Ca 94402

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2018-268851 521 E 5Th Ave San Mateo, CA 94401	Building Plan Check (Hourly)	R26-3125-325406	Credit Card	$161.00
	Planning Support Fee (Hourly)	R26-3111-340106	Credit Card	$81.50
			SUB TOTAL	**$242.50**
			TOTAL	**$242.50**

City of San Mateo
Community Development Department
Building Division
330 West 20th Avenue
San Mateo, CA 94403-1388
(650) 522-7172

Permit Issuance

Commercial (Alter)
TI (Office)

Building Permit: BD-2018-268851

IVR #: 119819

Related Actions and Sub Permits Associated to Main Permit

Project

Project Address:	Assessor Parcel #:	Total Project Valuation:
521 E 5TH AVE	034186090	$210,000.00

Work Descripton: TOTAL 3,979SF COMMERICAL T.I FOR SAFARI KID PRESCHOOL: INSTALLATION OF NEW INTERIOR AND NON-BEARING WALLS, DOORS, ACCESSIBLE RESTROOMS, AND NEW SUSPENDED AND DROP CEILING AND FLOOR FINISHES. M.E.P. INCLUDED.
* DEFERRED FIRE SPRINKLER AND FIRE ALARM*

Issued Date: 12/06/2018 **Previous Use:** School

Expiration Date: 06/04/2019 **Proposed Use:** School

PERMIT EXPIRATION: This project becomes null and void if work is not commenced within 180 days from date of project issuance if work is suspended at any time for more than 180 days or if work is done in violation of any city or state laws relating thereto.

WHO WILL PERFORM THE WORK:
CALIFORNIA LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class and No. California State License - Contractor - 558665

Print Name: MIKE DAY Contractor Signature: M. Day

WORKER'S COMPENSATION DECLARATION:

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

(___) I have and will maintain a certificate of consent to self-insure for Workers' Compensation, issued by the Department of Labor Relations as provided for by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. Policy #:_____

(M) have and will maintain Workers' Compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My Worker's Compensation Insurance carrier and policy number are:
Carrier: STATE FUND Policy #: 9083042-17 Expiration Date: 12-25-18

(___) I certify that in the performance of the work for which this permit is issued, **I shall not** employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should subsequently become subject to the worker 's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).
LENDER'S NAME: LENDER'S ADDRESS:_____

SIGNATURES AND AGREEMENT

(M) certify that I have read this application and state that the information given is complete and correct. I agree to comply with all local ordinances and state laws relating to building construction; and I make this statement and sign this agreement under penalty of law. I understand that all work performed under this permit must be inspected by the City, and the results of the inspections recorded on the project Inspection Record prior to the work being covered and concealed. I hereby authorize representatives of the City to enter upon the subject property for inspection purposes.

(___) Licensed Contractor (M) Agent for Contractor (___) Property Owner* (___) Agent for Owner**

SIGNATURE: M. Day Date: 12-6-18

*Requires separate verification form
** Requires separate authorization form

Contacts

Issued To:

BARBER CONSTRUCTION
2630 WYMAN CT
TRACY, CA 953770000
2092216623

Owner:

BJJF LLC
244 9TH STREET
San Francisco, CA 94103
4158853335

BUILDING PERMIT APPLICATION Form

VERSION 2.2 REVISED 10/08/15

PERMIT # 26885 1 **PA #:** _____ **(if applicable)**

1	**Project Address:** 521 E 5TH AVE SAN MATEO CA 94402	**Unit #:**	**Floor:**

2	**Project Description:** TENANT IMPROVEMENT FOR A PRESCHOOL	**Valuation of Project:** $ 390,000

3	Type of Project:	Square Footage:	Project Includes:	Existing Use:
	New Structure:	Sq. Ft.	☑ Electrical	
	Addition:	Sq. Ft.	☑ Mechanical	
	X Alteration/Remodel:	Sq. Ft.	☑ Plumbing	
	Garage New:	Sq. Ft.		**Proposed Use:**
	Garage Alter:	Sq. Ft.		PRESCHOOL
	NEW TI Other (Misc.): 3979	Sq. Ft.		
	Demolition:	Sq. Ft.		

4	**Property Owner's Name:** BJJF LLC/BARRY UDHAL	**Number & Street Name:** 244 9TH ST	**City & Zip Code:** San Francisco 94103	**Phone Number:** (415) 678-6800

5	**Applicant Information:** ☐ Agent for Owner ☐ Owner ☐ Owner-Builder ☐ Agent for Contractor ☑ Contractor ☐ Architect ☐ Engineer ☐ Developer ☐ Tenant			
	Applicant's (Contact) Name: TYRONE BARBER	**Number & Street Name:** 2630 MIRMANA	**City & Zip Code:** TRACY 95377	**Phone Number:** 209 221 6623
	Company Name: BARBER CONSTRUCTION	**E-Mail Address:** tybarberconstruction@yahoo.com		**Fax Number:** 209 221 6451

6	**Contractor's Name:** TYRONE BARBER	**Number & Street Name:** 2630 MIRMANA	**City & Zip Code:** TRACY 95377	**Phone Number:** 209 221 6623
	Business License #:	**Contractor's State License #:** 558665		**License Class:** B
	Worker's Compensation Carrier: STATE FUND	**Policy #:** 9083042-17		**Expiration Date:** 12/25/18

7	**Architect's Name:**	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:**
	Company Name:	**Lic#:**	**Email Address:**	**Fax Number:**

8	**Tenant's Name:** SUDHIR MATHUR	**Number & Street Name:**	**City & Zip Code:**	**Phone Number:** (646) 709 5681

9	**Unless a shorter period of time has been established by an official action, plan check approval expires 180 days after the plan check fee has been paid per SMMC 23.06.037 and UAC 304.4. This permit expires 180 days after the fee has been paid and construction has not commenced or if work is suspended or abandoned at any time after the work is commenced for a period of 180 days per UAC 303.4.**		
	Signature of Applicant:	**Print Name:** TYRONE BARBER	**Date:** 9/18/18

CITY OF SAN MATEO
SEP 17 2018
BUILDING DIVISION

AUTHORIZATION LETTER

Date : September 18, 2018

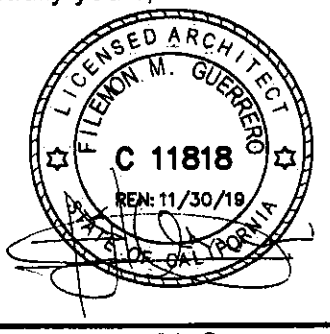
To : Vivian Seto
Development Review Technician
City Of San Mateo

Project : **PROPOSED TENANT IMPROVEMENTS FOR:**
Safari Kid Preschool
521 E 5th avenue
San Mateo, Ca 94402

Dear Madam,

This is to certify that I am giving authorization to Ty Barber to cross out the E7.0 - Specifications on my plans.

Respectfully yours,



Filemon M. Guerrero

AUTHORIZATION LETTER

Date : December 4, 2018

To : Vivian Seto
Development Review Technician
Building Department
City Of San Mateo

Project : **PROPOSED TENANT IMPROVEMENTS FOR:**
Safari Kid Preschool
521 E 5th avenue
San Mateo, Ca 94402

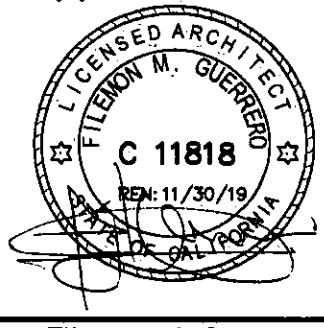
Plan Check No. : **BD-2018-268851**

APN Number : **034186090**

Dear Madam,

I am giving authorization to Ty Barber to redline the drawings in my behalf.

Respectfully yours,



Filemon M. Guerrero

CITY OF SAN MATEO
DEC 05 2018
BUILDING DIVISION

BARBER Construction

2630 Wyman Court Tracy, Ca. 95377
Phone No.(209)221-6623
Fax No. (209) 221-6451

Email: tybarberconstruction@yahoo.com
Website: www.tybarberconstruction.com

CITY OF SAN MATEO
DEC 04 2018
BUILDING DIVISION
269881

PROPOSAL

To: **Sudhir Mathur**	**Project:** **Safari PreSchool – TI**
Address: **521 E 5th Ave.** **San Mateo, CA 94402**	**Phone:** **(646) 709-5681**
Date of Proposal: **August 8, 2018 REV#1 - 081318**	**Email:** **sudhirmathur21@gmail.com**

Approximate Start Date: **Approximate Completion Date:**

We hereby submit specifications and estimates for:

CONSTRUCTION PLAN

Demo walls, ceiling, flooring, electrical, plumbing and cabinets
Construct new walls per plan
Construct soffit and pony wall at reception area, and waiting area
Construct a hard ceiling in specified area of the office
Construct a curved wall in hallway
Install insulation in bathrooms and all walls
Install hard ceiling in all restrooms
Install backing plate for TV bracket, grab bar and cabinets
Install 5/8" sheetrock and finish to a smooth finish
Install doors, glass door, and glass window
Install new windows on each room
Paint all areas
Paint all doors and frames

Initials: **Owner:** _____ **Contractor:** TB

EXTERIOR WORK

Install (5) exterior windows
Install drinking fountain in back of building
Install a 6' high playground fence
Install all metal gates with panic hardware (4)
Install new concrete patch
Install (1) new handicap parking
Install all signage
Pain all handicap stripping

PLUMBING

Saw cut and excavate for plumbing
Install drinking fountain
Install complete waste vent and cold/hot water system
Install water heater in mechanical room
Install sinks in restrooms, food prep area and all classroom
Install an ADA toilet in restrooms
Install an ADA sink in restrooms
install an ADA grab-bar in restrooms
Install plumbing for all sinks and toilet fixtures
Install all plumbing trim and fixtures
Install all restroom accessories
Pour concrete on all trenches

ELECTRICAL

Install 15A-120V duplex outlets throughout
Install 20A-220V duplex
Install 120V dedicated circuit
Install 6" down light fixtures
Install 24"x 24" light fixtures
Install under cabinet light fixtures
Install exit sign lights
Install emergency lights

MECHANICAL

Install exhaust fan in restroom
Install supply and return duct in throughout the office space
Install supply and return diffuser
Balance entire system
Install digital thermostat

Initials: **Owner:** _____ **Contractor:** TB

EXTERIOR WORK

Install (5) exterior windows
Install drinking fountain in back of building
Install a 6' high playground fence
Install all metal gates with panic hardware (4)
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Saw cut and excavate for plumbing
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MECHANICAL

Install exhaust fan in restroom
Install supply and return duct in throughout the office space
Install supply and return diffuser
Balance entire system
Install digital thermostat

Initials: **Owner:** _____ **Contractor:** TB

FIRE SPRINKLER

Relocate and install new sprinkler heads

NOT INCLUDED IN BID

Power from outside
Low Voltage Wiring
Music system and communication unit
All permit fees
HVAC on roof top unit & VAV Boxes
Window Covering & film
Furniture & Cabinets
Playground equipment
Third party inspections
Fire Alarm System

INCLUDED IN BID

Architectural design, MEP engineering and Title 24
Job includes all labor and materials
Job will be performed according to plan specifications
All materials will be high quality commercial grade
Ground covering for the playground (per requirements)
Ceiling Insulation
Re-location of trash enclosure and opening of gate on the side passage (subject to city approval)
New Exit door at the back of the building

CONTRACT SUM:

We propose hereby to furnish material and labor – complete in accordance with these specifications for the sum of:

Two Hundred Ten Thousand 00/100….Dollars ($210, 000.00)

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance.

Initials: **Owner:** _____ **Contractor:** TB

ACCEPTANCE OF PROPOSAL:

The prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. This proposal, when accepted, becomes a contract, and includes the General Terms & Conditions (attached). In addition, if this is a residential project, the Residential Contract Addendum is also incorporated and made a part of this contract.

Date: 10/4/16

Buyer's Signature

General Contractor's Signature

You, the buyer, may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. See the attached Notice of Cancellation form for an explanation of this right.

Initials: **Owner:** _____ **Contractor:** TB

CITY OF SAN MATEO

DEC 06 2018

BUILDING DIVISION

Construction & Demolition Recycling & Waste Reduction Plan & Information

REVISED 10/19/2017

Completed forms can be e-mailed to the Recycling Staff for approval

Check one: ☐ Demolition ☐ New Construction ☑ Alteration Addition/Remodel/Tenant Improvement)

Project Site Address: 521 E 5th AVE SAN MATEO	Permit #: BD 2018 - 26885
Project Contact: TYRONE BARBER	Valuation: 210,000
Phone: 209 221 6623	Square Footage Altered: 5979 sq-ft
E-mail: TYBARBERCONSTRUCTION@YAHOO.COM	Square Footage Added:
Estimated Start Date: 12/10/18	

1. Briefly describe project: TENANT IMPROVEMENT FOR PRE SCHOOL.
2. What type of vehicle will be used to haul materials? (Circle all that apply: Debris box, trailer, dump truck, Pick-up truck)
3. List any deconstruction, salvage or on-site reuse of materials (i.e. – cabinets, windows, fixtures, on-site grinding):

Deposit Calculation – Select ONE Only

Alteration, Addition or Tenant Improvement ($50,000+) (Deposit: $1,000 minimum, $10,000 maximum for residential, $30,000 maximum for commercial)	Valuation: $ 210,000	X 3% 6,300
Demolition of Entire Building or Interior Office Space (Deposit: $1,000 minimum, $10,000 maximum for residential, $30,000 maximum for commercial)	Valuation: $	X 3%
New Construction of Entire Building (Deposit: $1,000 minimum, $10,000 maximum for residential, $30,000 maximum for commercial)	Valuation: $	X 3%

Common Materials in Additions/Remodels/Tenant Improvements

Type of Material	Quantity (Cu.Yds)	Quantity (Tons)	Debris Box or Self Haul and Recycling Facility Used
Mixed C&D		1	RECOLOGY OF SAN MATEO County.
Concrete		2	
Dirt		0	
Salvage/Reuse		0	
Other		0	

- Weight tags must show Recycling from this C&D Project
- C&D = Construction & Demolition
- MSW & Refuse = Garbage

* For all projects, at least 25% of diverted material should come from waste that excludes soil, concrete, asphalt and other non-structural debris

Signature	City Approval
Signature of Applicant:	Approved By:
Print name: SHANU MATHUR	Date: 12/6/2018

REFUND REQUESTS MUST BE SUBMITTED WITHIN 60 DAYS FROM THE DATE OF THE FINAL INSPECTION OR THE DEPOSIT WILL BE FORFEITED

BARBER Construction

2630 Wyman Court Tracy, Ca. 95377
Phone No.(209)221-6623
Fax No. (209) 221-6451

Email: tybarberconstruction@yahoo.com
Website: www.tybarberconstruction.com

AUTHORIZATION

CITY OF SAN MATEO
DEC 06 2018
BUILDING DIVISION

December 6, 2018

To: City of San Mateo

From: Barber Construction
2630 Wyman Court
Tracy, CA 95377

RE: 521 E 5th Ave
Safari Preschool
PERMIT # BD 2018-268851

To Whom it May Concern,

My name is Tyrone Barber, General Contractor for the mentioned above project at 521 E 5th Ave for Safari Preschool. This letter gives authorization for Jame Mike Day to pull the permit for this project on the behalf of Barber Construction.

If there are any questions, I can be reached directly at (510) 714-2228.

Regards,

TYRONE BARBER

Tyrone Barber
Owner
Barber Construction

City of San Mateo Business Tax Division
330 West 20th Avenue San Mateo, CA 94403-1388
(650) 522-7113

Expiration Date:	03/31/2019	Open Date:	05/24/2007
Business Number:	BT-2018-106283	Close Date:	
Business:	BARBER CONST CO		
Business Address:	2630 WYMAN CT TRACY, CA 95377		
Business Phone No:	2092216451	Business Fax No.:	
Owners/Officers:	MIKE DAY		
Type of Business:	Industrial Building Construction		
Description:	BUILDING CONSTRUCTION		

CITY OF SAN MATEO
DEC 06 2018
BUILDING DIVISION

RECEIPT (TRC-049438-18-09-2018)

September 18, 2018
BILLING CONTACT

SS & AR LLC - SAFARI KID PRESCHOOL
521 E 5Th Avenue
San Mateo, Ca 94402

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2018-268851 521 E 5Th Ave San Mateo, CA 94401	Building Plan Check Fee	R26-3125-325406	Check #129	$5,402.98
	Fire Plan Check - CDD	R26-3125-325263	Check #129	$273.00
	Planning Support Fee (Valuation)	R26-3111-340106	Check #129	$1,326.00
			SUB TOTAL	**$7,001.98**

TOTAL **$7,001.98**

RECEIPT (TRC-052479-05-12-2018)

December 05, 2018
BILLING CONTACT

SS & AR LLC - SAFARI KID PRESCHOOL
521 E 5Th Avenue
San Mateo, Ca 94402

Reference Number	Fee Name	Account #	Payment Method	Amount Paid
BD-2018-268851 521 E 5Th Ave San Mateo, CA 94401	Building Permit Fee	R26-3125-325401	Check #182	$3,795.36
	Building Standards Commission Fee	B10-224104	Check #182	$9.00
	C&D Recycling Deposit - Commercial	B10-221003	Check #182	$6,300.00
	General Plan Maintenance Fee	R25-3112-340116	Check #182	$840.00
	Park Plan Check & Inspection Fee	R26-3125-340126	Check #182	$147.00
	Sewer Connection Fee (Direct Fee)	R72-4691-340701	Check #182	$2,405.00
	SMI Tax - Commercial	B10-224102	Check #182	$58.80
	Technology Fee	R26-3125-325407	Check #182	$210.00
			SUB TOTAL	**$13,765.16**

TOTAL **$13,765.16**

Appendix J – Waste Profiling Laboratory Analytical and Disposal Manifest

7540584

NO. 746467

NON-HAZARDOUS WASTE DATA FORM

BESI # 307618

GENERATOR

Generator's Name and Mailing Address
UNITED PACIFIC 2201
ATTN: DUNG TRAN
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94401

Generator's Site Address (if different than mailing address)
76 STATION NO. 256390
402 S. DELAWARE ST.
SAN MATEO, CA 94402

Generator's Phone: 650-348-3127

Container type removed from site:
☐ Drums ☐ Vacuum Truck ☒ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1

Container type transported to receiving facility:
☐ Drums ☐ Vacuum Truck ☒ Roll-off Truck ☐ Dump Truck
☐ Other _____
Quantity 1 Volume 10 Y

WASTE DESCRIPTION NON-HAZARDOUS SOIL
GENERATING PROCESS WELL ABANDONMENT ACTIVITIES

COMPONENTS OF WASTE	PPM	%
1. SOIL		100%
2.		
3.		
4.		

Waste Profile J#7879
PROPERTIES: pH _____ ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____
HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PERSONAL PROTECTIVE CLOTHING.

Bin # LD2516

Generator Printed/Typed Name: Thanh Tran | Signature | Month 07 | Day 02 | Year 19

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: LD TRANSPORTATION LLC | Phone# 707-449-4123

Transporter 1 Printed/Typed Name: Sam Utu | Signature | Month 07 | Day 02 | Year 19

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name | Phone#

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
RECOLOGY HAY RD. LANDFILL
6426 HAY RD
VACAVILLE, CA 95687

Phone# 707-678-4718

Printed/Typed Name: Andrew Dias | Signature | Month 7 | Day 12 | Year 19

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

RECOLOGY HAY ROAD
6426 Hay Road Vacaville, CA 95687
Phone: (707)-678-4718

Ticket: 2017193

Date: 7/12/2019
Time: 14:05:43 - 14:32:30
INBOUND

Truck: 7340584
Customer: 53884/BELSHIRE ENVIRONMEN

Gross: 39360 LBS Scale
Tare: 27100 LBS Scale
Profile: 7879/Job#307618/76 S Net: 12260 LBS
Scale: H2

Origin: SMACO/San Mateo County

Comment: NOT ON SCHED OK'D PER LR

Materials & Services	Quantity
SOILC/Soil Contaminated	6.14 T

Signature

Cindi T.

Recology WASTE ZERO

NO. 751472

NON-HAZARDOUS WASTE DATA FORM

BESI # 308342

GENERATOR

Generator's Name and Mailing Address
ATTN: DUNG TRAN
402 SOUTH DELAWARE STREET
SAN MATEO, CA 94401

Generator's Site Address (if different than mailing address)
76 STATION NO. 256390
402 S. DELAWARE ST.
SAN MATEO, CA 94402

Generator's Phone: 650-348-3127

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other
Quantity 7

Container type transported to receiving facility:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other
Quantity 7 Volume 2900 LBS

WASTE DESCRIPTION NON-HAZARDOUS SOLID
GENERATING PROCESS SITE INVESTIGATION

COMPONENTS OF WASTE	PPM	%
1. Concrete / Asphalt		50-100%
2. Debris		50-100%
3.		
4.		

Waste Profile 070128043-15159 PROPERTIES: pH ____ ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

HANDLING INSTRUCTIONS:

Generator Printed/Typed Name: Allan Dudley Signature: [signature] Month 7 Day 2 Year 19

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE Phone# 949-460-5200

Transporter 1 Printed/Typed Name: Ron Green Signature: [signature] Month 07 Day 02 Year 19

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: Phone#

Transporter 2 Printed/Typed Name: Signature: Month Day Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
U.S. ECOLOGY, NEVADA OPERATIONS
HIGHWAY 95, 11 MILES S. OF BEATTY
BEATTY, NV 89003

Phone# 775-553-2203

Printed/Typed Name: Kenny Harrington Signature: [signature] Month 7 Day 24 Year 19

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

APPENDIX H

REGULATORY AGENCY RECORDS

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

Hazardous Waste Generator Inspection Report

San Mateo County Environmental Health Services Division
Certified Unified Program Agency (CUPA)
2000 Alameda de las Pulgas, Suite 100, San Mateo, CA 94403
Telephone: (650) 372-6200 Fax Number (650) 627-8244
www.smhealth.org/environ

Inspected By: D. Jensen P/E: 22 LQG On-site Recycler TP Date: 4/21/11

Facility Name: Tad's 76 EPA ID #: CALOOO292972

Facility Address: 402 So. Delaware St. City: San Mateo Zip: 94402

Contact Person: Thanh Tran Work Phone #:

Consent given by: Same

Mailing Address: Same City: State: Zip:

Business Owner Name: Dung Tran Owner Phone#:

Business Description: Autorepair, gas station Reinspection Date:

ITEM	SECTION #	RECORDKEEPING	IN COMPLIANCE
1	22-66262.12(a)	Generator has EPA Identification Number	(N/A) (Yes) (No)
2	HSC 25143.10	Recyclable Materials Report submitted biennially to CUPA	(N/A) (Yes) (No)
3	22-66262.40(c)	Test results/waste analyses on site	(N/A) (Yes) (No)
4	22-66262.40(b)	Biennial Report on file	(N/A) (Yes) (No)
5	22-66265.16	Personnel training documented	(N/A) (Yes) (No)
6	HSC 25244.19	Waste Minimization Plan and Summary Progress Report on site	(N/A) (Yes) (No)
		MANIFESTS / CONSOLIDATED MANIFESTS	
7	22-66262.23 HSC 25160.2	Manifests or consolidated manifests are available for inspection	(N/A) (Yes) (No)
8	22-66262.23(a)(1)	Applicable sections completed	(N/A) (Yes) (No)
9	22-66262.23(a)(4)	Manifest copies submitted to Cal/EPA within 30 days	(N/A) (Yes) (No)
10	22-66262.12(c)	Hazardous waste hauled by a registered transporter	(N/A) (Yes) (No)
11	22-66262.12(c)	Hazardous waste shipped to a permitted facility	(N/A) (Yes) (No)
12	22-66262.42(a)	Signed "Designated Facility" manifest copies received	(N/A) (Yes) (No)
13	22-66262.40(b)	Exception Report on file	(N/A) (Yes) (No)
14	22-66268.7(a)(6)	Land Disposal Restriction notification on file	(N/A) (Yes) (No)
15	22-66261.107	Extremely Hazardous Waste is managed according to 66261.111and 66261.113	(N/A) (Yes) (No)

ITEM	SECTION #	WASTE DETERMINATION	IN COMPLIANCE
16	22-66262.11	Hazardous waste determination made for all waste	(N/A) (Yes) (No)
		EMERGENCY PREPAREDNESS/CONTINGENCY PLAN	
17	22-66265.31	Facility operated to minimize possibility of fire, explosion, or any unplanned release of hazardous waste to air, soil, or surface water, which could threaten human health or the environment	(N/A) (Yes) (No)
18	22-66265.32	Facility has adequate emergency response equipment, internal communication, fire extinguishers and spill control material	(N/A) (Yes) (No)
19	22-66265.33/.34	Emergency equipment is adequately maintained and accessible	(N/A) (Yes) (No)
20	22-66265.35	Aisle space is adequately maintained for emergency response	(N/A) (Yes) (No)
21	22-66265.51/.53	Facility has a Hazardous Waste Contingency Plan on site	(N/A) (Yes) (No)
		HAZARDOUS WASTE STORAGE	
22	HSC 25189.5(a)(d) HSC 25201(a)	Generator does not accept, treat, or dispose of hazardous waste on-site without a permit	(N/A) (Yes) (No)
23	22-66262.34(a)	Generator does not accumulate hazardous waste on-site for longer than 90 days without a permit	(N/A) (Yes) (No)
24	22.66262.34(d)	Generator does not accumulate hazardous waste on site for longer than 180, days or longer than 270 days if transport of waste to a TSD facility is over 200 miles	(N/A) (Yes) (No)
25	22-66262.34(e)(1)	Generator uses "Satellite Accumulation" exemption for storage	(N/A) (Yes) (No)
26	22-66262.34(f)(3) (A)(B)(C)	Each container is labeled with: "Hazardous Waste", waste composition, hazardous properties and generator information	(N/A) (Yes) (No)
27	22-66262.34(f)(1)	Accumulation start date clearly marked and visible for inspection on each container	(N/A) (Yes) (No)
		CONTAINER USE AND MANAGEMENT	
28	22-66265.171	Hazardous waste containers in good condition	(N/A) (Yes) (No)
29	22-66265.172	Hazardous waste compatible with holding containers	(N/A) (Yes) (No)
30	22-66265.173	Hazardous waste containers closed when not in use	(N/A) (Yes) (No)
31	22-66265.174	Hazardous waste storage area inspected weekly	(N/A) (Yes) (No)
32	22-66265.177(a)	No mixing of incompatible wastes	(N/A) (Yes) (No)
33	22-66265.177(c)	Storage of incompatible hazardous waste is in a secure area which minimizes the possibility of spills, mixing, and escape of materials from the area	(N/A) (Yes) (No)
34	22-66261.7(e) 22.66261.7(f)	Empty containers are managed properly	(N/A) (Yes) (No)

ITEM	SECTION #	UNIVERSAL WASTE	IN COMPLIANCE
35	22-66261.9(a)	Universal waste managed according with the standards of chapter 23.....(N/A) (Yes) (No)	
		TANK MANAGEMENT	
36	22-66265.190-199	Waste stored in tank(s) is in compliance with Article 10.....(N/A) (Yes) (No)	

WASTE GENERATED: **QUANTITY / MONTH**

Petroleum oil
Oil filters
Antifreeze
Batteries
Non-RCRA waste solids (e.g. oil/absorbent mixture)

~~**CORRECTIVE ACTIONS:**~~

No violations observed.

Comment:

- During inspection I observed ~~2~~ 2 Carburator Cleaner spill inside equipment storage shed and oily absorbent under compressor. Facility employees cleaned up both at time of inspection.
- Dispose of hazardous waste solids ASAP.

Facility Representative: Your signature acknowledges receipt of this report and does not imply agreement with the findings.

SIGNATURE	NAME	DATE
	Thanh Tran	4/21/11

APPENDIX I

RESUMES OF ENVIRONMENTAL PROFESSIONALS

KIERSTEN HOEY

Senior Environmental Scientist

Kiersten Hoey is an environmental scientist with 17 years of experience in the environmental consulting industry. During this time, Ms. Hoey has served as a project manager and technical consultant for numerous site characterization investigations, remedial actions, and site assessments. Her experiences include: (1) conducting Phase I and Phase II site assessments and investigations; (2) planning, implementing, and managing sampling and analysis programs; (3) designing, evaluating, and implementing remedial alternatives; and (4) remedial action planning and reporting. Ms. Hoey has had extensive field experience with various drilling and sampling techniques, including cone penetrometer testing (CPT), hollow stem auger drilling, and direct push and HydroPunch™ drilling and sampling methods. She also has extensive field experience in well installation and development, soil excavation, and soil and groundwater sampling.

EDUCATION

B.S., Environmental Studies, The University of California at Santa Barbara, Santa Barbara, California

EXPERIENCE

2018 – Present:	PES Environmental, Inc., Novato, California
2007 – 2018:	GHD, Inc (Previously Conestoga-Rovers & Associates)
2004 – 2007:	Cambria Environmental Consultants
2002 – 2003:	Auckland Regional Council

HEALTH AND SAFETY TRAINING

Health and Safety training courses following EPA requirements
40-hour HAZWOPER training and annual 8-hour refresher courses

REPRESENTATIVE PROJECTS

Phase I Site Investigations, California – Have conducted numerous Phase I ESAs at commercial/industrial properties, retail shopping centers, office buildings, land located at the Port of Stockton, vineyards, auto-repair facilities, and manufacturing buildings; and 9,427 acres of forested land with barns, various waste and chemical storages, abandoned cars, debris, railcar bridges, and former homesteads and ranches. Tasks completed include historical property and surrounding site use research, site and offsite inspections, review of environmental reports and regulatory agency files, assessment of hazardous

materials/hazardous waste handling practices, interviews, and completing reports describing recognized environmental conditions, business environmental risks, and related potential environmental impairment issues.

UST Removal and Environmental Compliance, Berkeley, California – Project Manager for the removal of an abandoned underground storage tank (UST) and associated piping, and environmental compliance. Prepared UST Removal and Sampling Plan, coordinated with subcontractors and the City of Berkeley certified unified program agency (CUPA), managed the UST removal, excavation of contaminated soil for off-site disposal, and collection of compliance soil samples, and prepared subsequent UST Removal Report.

Environmental Compliance, Bay Area, California – Project Manager for environmental compliance soil and groundwater sampling during numerous retail service station demolitions and upgrades. Prepared Sampling Plans, collected compliance soil and groundwater samples, coordinated with subcontractors and local CUPAs, managed excavation of contaminated soil for off-site disposal, and prepared subsequent UST Removal Report

Site Investigation and Remediation, Bay Area and Sacramento, California – Project Manager for site investigations and remediation of petroleum hydrocarbon contamination at numerous existing and historical retail gasoline service stations throughout the San Francisco Bay Area and Sacramento. Managed environmental site investigations and preparation and implementation of various types of remedial approaches including separate phase hydrocarbon removal, air sparging, dual phase extraction, and soil excavation. Achieved environmental case closure for dozens of Leaking Underground Storage Tank (LUST) cases by characterizing hydrogeological site conditions, delineating the lateral and vertical extent of petroleum hydrocarbons, and remediation.

Site Investigation, Union City, California - Project manager of a chlorinated solvent site with contamination beneath a commercial laundry warehouse. Assessment activities included the collection of soil and groundwater samples to characterize hydrogeological site conditions and delineate the lateral and vertical extent of chlorinated solvents and the collection soil vapor and indoor ambient air samples to assess the potential vapor intrusion risk to the warehouse employees.

Site Investigations, Bay Area and Sacramento, California - Field scientist for site investigations of petroleum hydrocarbon contamination at numerous gasoline service stations throughout the San Francisco Bay Area and Sacramento. Project tasks included all logistical aspects of environmental assessments including field coordination, permitting, health and safety, oversight of drilling (hollow stem auger, mud rotary, direct push, cone penetration testing), well installations (conductor casing, monitoring and remediation wells, and vapor probes), soil, soil vapor, and groundwater sampling, and soil logging.

Land Management, Auckland, New Zealand – Auckland Regional Council Inspector for wastewater permits. Tasks included review of wastewater discharge permit applications and environmental impact reports, preparation of wastewater discharge permits, and compliance monitoring visits. Additional tasks included coordinating a habitat restoration program planting native trees and plants to reduce soil erosion along streams and conducting interactive educational sessions with the public to increase awareness of storm water pollution.

JULIE TURNROSS

Senior Hydrogeologist

Ms. Turnross has over 30 years of experience serving in technical and management capacities on a variety of projects in the areas of groundwater hydrogeology, environmental characterization, and soil/groundwater remediation. Her projects have included Phase I environmental site assessments, remedial investigations, feasibility studies, risk characterizations, and implementation of remedial alternatives at RCRA, CERCLA, and other facilities with soil, groundwater, surface water, and air contamination. Specialties include project strategy and scope of work development, integration of remedial strategies with property redevelopment, property transfer and redevelopment guidance, providing review services and settlement support to insurance carriers regarding environmental matters, project and multi-disciplinary team management, and EIR support.

Ms. Turnross has provided litigation support and peer review for a wide variety of cases, and has served as an expert witness. She has also worked extensively with regulatory agencies throughout California and the west coast.

EDUCATION

University of California, Berkeley: M.S., Engineering Geoscience, 1984
University of Arizona, Tucson: B.S., Geoscience, 1982

EXPERIENCE

2005 – present	PES Environmental, Inc., Novato, California
1995 – 2005	JTEC Environmental, Sebastopol, California
1991 - 1995	Treadwell & Rollo, San Francisco, California
1984 - 1991	Harding Lawson Associates, Novato, California
1982 - 1984	U.S. Geological Survey, Denver, Colorado & Berkeley, California
1983	Laurence Berkeley Laboratory, Berkeley, California
1981	ARCO Exploration Company, Lafayette, Louisiana

RECENT REPRESENTATIVE PROJECTS

Property Acquisition Study: Evaluated acquisition of property located between two Superfund sites. Activities included evaluation of adequacy of groundwater investigations in the property vicinity, Superfund remedy efficacy, potential residual contamination in soil as a result of declining water levels, and effect of land use controls on future site development.

Polychlorinated Biphenyls Source Evaluation: Evaluated known and potential historical PCB uses and tidal flow patterns to identify potential sources of PCBs in slough sediments at East Bay site. Investigations included review of historical investigations performed in the site vicinity, identification of existing and historical storm sewers and surface runoff pathways to evaluate potential stormwater runoff discharges to the slough in the vicinity of current and historical sites with PCB uses.

Naval Shipyard Proposed Redevelopment: Provided environmental, technical and regulatory consulting services to developer to support early transfer of former U.S. Navy shipyard in San Francisco being remediated under CERCLA program. Conducted technical reviews of U.S. Navy documents to evaluate remedial design selection and risk assessment, developed risk management plan strategy and remedial scope of work for early transfer process, and directed costing of remedial alternatives. Supported transfer documentation, including Finding of Suitability for Lease, Finding of Suitability to Transfer, Lease in Furtherance of Conveyance. Involved regulatory agencies included U.S. EPA, DTSC, RWQCB and Cal EPA. Acted as liaison with infrastructure development team regarding site environmental issues.

Third Party Review: On behalf of insurance company, provided review of environmental documents to evaluate performance of guaranteed fixed price remediation and verify compliance with environmental insurance policy restrictions and requirements. Remedial activities evaluated have included soil and sediment excavation, treatment, and disposal, in-situ stabilization, soil vapor extraction, enhanced bioremediation, and capping. Evaluated reasonableness and necessity of activities and costs. Sites include a former Naval Shipyard in Vallejo, California.

Brownfield Redevelopment: Provided environmental consulting services to support client's legal counsel, address special requests for information from project stakeholders, and present information at planning and technical meetings as part of ongoing redevelopment of developer-owned portion of former U.S. Navy shipyard in San Francisco. Provided review of and recommendations on environmental documents. Provided oversight for asbestos and dust monitoring activities, including negotiations with regulatory agencies and coordination with the public.

Phase I Environmental Site Assessments: Performed or managed over 500 Phase I Environmental Site Assessments using ASTM standards. Clients have included lending institutions, real estate developers, insurance companies, law firms, and property owners. Properties assessed have included manufacturing facilities, industrial sites, agricultural properties, office buildings, residential properties, and shopping centers. Specialized in properties with complex hazardous material uses and historical or current contamination issues. Provided recommendations to facilitate real estate transactions, including insurance acquisition.

Environmental Impact Report: Assisted in preparation of environmental and hazardous materials portions of Environmental Impact Report (EIR) for large commercial and residential redevelopment on CERCLA site. Because remediation was not complete at time of preparation of the EIR, demonstration of the efficacy of selected remedies was required.

Technical Advisor: Provided technical advice, review and support for multi-aquifer perchlorate investigation and remediation in Morgan Hill. Provided oversight of onsite and offsite ion-exchange treatment systems, bottled water supply program and offsite investigations. Technical issues at the site included evaluation of potential offsite sources of contamination, background contaminant levels and effects of imported water on groundwater flow and water quality.

Dry Cleaner Investigation: Provided litigation support for a case where a private well had been contaminated with dry cleaning solvents. Identified other potential sources of contamination, including municipal utilities, and reviewed results of investigations performed at the dry cleaning facility and other nearby sites.

CARL J. MICHELSEN, P.G., C.HG.

Principal Geochemist

Mr. Michelsen has over 30 years of experience as a project manager, geochemist, environmental scientist, and geologist for a variety projects, including site cleanup, landfills, water resources and water quality projects, environmental due diligence, litigation support, mining, and dredged sediment disposal. He specializes in the management and solution of complex soil and water quality problems, soil and groundwater investigation and remediation, and chemical fate and transport evaluation. In addition, Mr. Michelsen provides expert testimony and technical support to clients and legal counsel for environmental dispute resolution.

EDUCATION

- Postgraduate studies in Environmental Science and Engineering, University of California, Los Angeles, 1986-1988
- M.S., Geology, University of California, Los Angeles, 1986
- B.S., Geology, with distinction, Stanford University, California, 1982

SAFETY TRAINING

Health and Safety training courses following EPA and OSHA requirements. Courses included training in physical, chemical, and toxicological properties of hazardous materials; hazard evaluation and control; selection and use of personal protective equipment; sampling and monitoring techniques and equipment; site entrance and decontamination procedures; and safety plan development.

EXPERIENCE

1996 - Present:	PES Environmental, Inc., Novato, California
1988 - 1996:	Harding Lawson Associates, Novato, California
1986 - 1988:	Environmental Science and Engineering Department, University of California, Los Angeles
1984 - 1986:	Earth and Space Sciences Department, University of California, Los Angeles
1982 - 1984:	U.S. Geological Survey, Igneous and Geothermal Processes Division, Menlo Park, California

Summers 1982, 1984, 1985: Noranda Exploration, Inc., Reno, Nevada & Peregrine Mining Company, Vancouver, Canada

REGISTRATION

Geologist – California 1991
Certified Hydrogeologist – California 1999

REPRESENTATIVE PROJECTS

Site Investigation/Cleanup and Soils Management

Remedial Investigations (RI), Federal Superfund Site, Hunters Point Shipyard, San Francisco, California - Was assistant project manager and lead technical manager for RI. Managed multidisciplinary team investigating complex soil and groundwater contamination. Actively participated in agency negotiations, ARAR evaluation and presentation of investigation results in Public Forums. Prepared portions of RI/FS report for transfer of clean parcel. Developed fate and transport assessment for organic and inorganic soil and groundwater contaminants including metals, PAHs, SOCs, VOCs, pesticides, and petroleum hydrocarbons. Evaluated storm drain sediment contamination and proposed remedial alternatives to limit impacts to San Francisco Bay. Managed $3.5 million site inspections of 37 sites including storm drains, sanitary sewers, steamlines, fuel lines, storage yards, transformers, and industrial buildings. Conducted steamline and storm drain video surveys and inspections. Managed laboratory programs for analysis of groundwater and soil. Monitored progress and quality of work performed by Contract Laboratory Program (CLP) laboratories. Managed QA/QC data validation and analysis team evaluating contaminant fate and transport. Developed procedures for the use of statistical/graphical population partitioning techniques in establishing background levels of metals in soils; methodology is now recommended by DTSC for use in determining background concentrations in California soils. Developed facility-wide groundwater monitoring plan. Client: PRC Environmental Management and U.S. Navy, Engineering Field Activity West

Ecological Risk Assessment, Feasibility Study, Golden Gate Bridge, San Francisco and Marin Counties, California – Soils beneath the Golden Gate Bridge are contaminated with lead due to historical sandblasting of lead-based paints. Under DTSC, National Park Service and other agency oversight, managed the evaluation of ecological risks from exposure to lead in soil, development of cleanup goals and derivation of feasible engineering alternatives for addressing the lead problem. Client: Golden Gate Bridge and Highway Transportation District

Remedial Investigation (RI), Presidio of San Francisco, San Francisco, California - Provided comprehensive technical review and written and verbal critique of the Army's investigation and interpretation of background metals conditions at contaminated sites at the Presidio. Prepared focused review of lead migration issues in landfill materials adjacent to San Francisco Bay. Client: National Park Service and U.S. Environmental Protection Agency

Remedial Investigations U.S. Army Facilities, Fort Ord, and Fort Hunter Liggett, California and Pine Grove Flat, Nevada – For Fort Ord, developed basewide quality assurance project plan, background soil investigation plan and comprehensive facility-wide quality assurance project plan for the analysis of soils, groundwater, and surface water contaminated with metals, organics, and explosives. For the Fort Hunter Liggett Landfill,

developed statistically-based groundwater and surface water monitoring program and was quality control reviewer for quarterly monitoring reports. Was quality control reviewer for Chemical Data Acquisition Plan for mine shaft site containing buried solvent drums located in Pine Grove Flat, Nevada. Client: U.S. Army

Remedial Investigation/Feasibility Study/Remedial Action Plan, Former WWII-era Shipyard and Pipe Fabrication Facility, Napa, California – Managed the investigation, engineering evaluation, and remedial action plan for 150-acre former facility slated for mixed-use re-development. Prepared Remedial Design and Implementation Plan, managed quarterly monitoring, and assisted with preparation of environmental review documents. Client: Napa Redevelopment Partners

Lead Based Paint in Soil Reporting and Sampling, The Presidio, San Francisco, California – Compiled existing data, and collected new soils data to document that no further action needed for soils at historic Presidio buildings where lead-based paints were formerly used. Client: The Presidio Trust

Lead and Petroleum Hydrocarbon Contamination in Soil at Former Shipyard/Railyard, Richmond, California - Under the DTSC's Voluntary Cleanup Program, managed the preparation and implementation of a Remedial Action Workplan for the removal and offsite disposal of RCRA hazardous lead-bearing soil from a former railyard/shipyard support area and on-site placement of California-hazardous lead-bearing soils beneath buildings and parking lots. Reviewed third-party site investigation reports and adjacent property contamination cleanup reports. Developed residential cleanup goals using DTSC's Lead Spread health-risk modeling procedures; assisted with preparation of CEQA Initial Study documentation; and managed the public participation process. Obtained site closure from DTSC with no deed restrictions for ~80 percent of the property area. Client: Catellus

RCRA Unit Closure and Groundwater Evaluation, Ordnance Facility, Hollister, California – Under DTSC oversight, managed the investigation and closure of a RCRA unit wherein shallow soils were impacted by process chemicals. Managed closure of hazardous waste units and remediation of explosives contaminated soils. Conducted an evaluation of the occurrence of perchlorate and VOCs in groundwater under the oversight of the Central Coast RWQCB. Client: TDY Industries, Inc.

Remedial Action Plan Amendment, Pittsburg, California – Managed a RAP amendment proposed to remove and dispose of 60,000 cubic yards of asbestos fill materials. Client: Confidential

Corrective Action Plans for Site Redevelopment – under the oversight of the Alameda County Environmental Health Department, prepared and implemented corrective action plans for addressing volatile organic contamination in soil gas (e.g., passive vapor mitigation systems consisting of impermeable barriers and subsurface piping) at residential construction sites in Fremont, Oakland, and Livermore. Includes comprehensive indoor air, soil probe, and vent riser sampling to confirm conditions prior to occupancy

PCB Site, Redwood City – with the oversight of USEPA and the RWQCB, developed a Cap Modification Plan to incorporate redevelopment plans into modification of an existing cap over remnant PCBs in soil. Client: Confidential

Response Plan for Brownfield Redevelopment, Oakland, California – Under the oversight of DTSC, developed and implemented a Response Plan remedy for cleanup of a former auto dealership within the context of a redevelopment project. Client: Confidential

Remedial Investigation and Quarterly Groundwater Monitoring, Former Pulp Mill, Antioch, California – Managed the investigation of soil/groundwater contamination from former pulping operations and conducted quarterly groundwater monitoring. Obtained DTSC approval of monitored natural attenuation remedy for groundwater arsenic plume resulting from historical release of pulping chemicals. Client: Forestar Real Estate Group

Former Solvent Recycling Facility, Emeryville, California – Managed investigation of subsurface conditions and developed a RCRA Corrective Action Plan for a former solvent recycling site. Client: Confidential

TCE Contamination, Cupertino, California – Prepared and implemented plan for excavating TCE-contaminated soil and installation of passive venting system beneath existing building. Obtained RWQCB closure. Client: Mission West Properties

Former County Corporation Yard, Leaking Underground Storage Tank, Santa Rosa, California - Prepared an environmental site assessment to document and evaluate historical and surrounding site uses to establish the ownership and use of concrete underground storage tanks containing heavy petroleum product. Conducted geophysical investigations to locate buried tanks and site investigations to document soil and groundwater conditions. Removed a 32,000-gallon concrete tank containing heavy product and associated contaminated soil. Obtained site closure from the RWQCB. Assisted the property owner of obtaining reimbursement from the UST Cleanup Fund. Client: Sonoma County and a confidential property owner

Remedial Investigation/Feasibility Study/Remedial Action Plan, Huntington Park, California – Managed the compilation, evaluation and presentation of a 14-year long RI and interim remedial action program conducted by prior consultants at a former industrial site. Managed preparation of a RI/FS documenting VOC and hexavalent chromium contamination

(including post-remediation risk assessment) and Remedial Action Plan under the oversight of DTSC. Client: Sargent Industries

Perchlorate and VOC Contamination, B.F. Goodrich Superfund Site, Rialto, California – Under RWQCB oversight, managed investigation of soil contamination at fireworks distributorship facility. Provided assistance to legal team defending client from multiple lawsuits. Client: APE West

Phthalate and Metals Contamination, Los Gatos, California – At a former medical glove manufacturing facility, conducted remediation of soils contaminated with phthalate and metals prior to residential and commercial redevelopment. Obtained No Further Action letter from RWQCB. Client: Sobrato Development

Regional Plume Evaluation and Soil Gas Investigation/RCRA Closure, Redlands, California – Using available records and documents, compared the relative contribution of two facilities to the creation of an extensive (over 14 miles long) TCE and perchlorate plume in groundwater. Analysis showed how opposing facility's operations and disposal practices were responsible for creation of regional plume and that client's contribution was de minimis. Conducted soil gas investigation and risk assessment evaluation for client's site; showed that threats from low-level VOCs in soils were negligible to on-site workers and groundwater would not be impacted based on VLEACH modeling. Prepared Corrective Measures Study and assisted with public participation process in support of RCRA closure. Obtained DTSC approval of Corrective Measure. Client: Confidential

Remediation of Solvent Contaminated Soil, San Diego and San Gabriel Valley Superfund Sites located in El Monte and Pomona, California – At three industrial sites in southern California managed the operation of soil vapor extraction systems (SVE) to remediate solvent contaminated soils. At the San Diego site, cleanup was accomplished to the satisfaction of the DTSC in ~14 months; prepared Corrective Measures Completion Report for closure under RCRA. At the El Monte site, the facility is located within a regional plume whose investigation and cleanup is managed jointly by the RWQCB and the U.S. EPA. Managed quarterly groundwater monitoring program and installation and operation of an SVE system designed to cleanup the shallow soil. Assisted with preparation of CEQA Initial Study documentation. Provided technical arguments against EPA's methodology and allocation of responsibility for groundwater contamination. At the Pomona site, prepared a Remedial Action Plan under the oversight of the RWQCB, installed and operated an SVE system to successfully remediate soils. Client: TDY Industries, Inc.

Natural gas pipeline system, Sacramento and San Joaquin Valleys, California - Using a limited number of available site characterization reports, knowledge of current regulatory climate, and experience with petroleum hydrocarbon sites, developed generic site characterization and cleanup scenarios and estimated costs for over 60 gas condensate

processing facilities that have not been characterized or remediated. Client: Pacific Gas and Electric

Former pesticide mixing site and UST site closure, San Rafael, California - Served as project manager for obtaining final closure of a decades-old former DDT storage and mixing facility adjacent to San Rafael Creek. Evaluated the effectiveness of soil remediation in reducing DDT and petroleum hydrocarbon contamination in groundwater. Led efforts to obtain final site closure and coordinate remediation with adjacent contaminated sites. Client: Marin/Sonoma Mosquito and Vector Control District

Dredging Projects

Shoreline Sediments Impacted by Manufactured Gas Plant Wastes, San Francisco Bay Area, California – Provided technical assistance related to evaluation of planned dredged sediments contaminated with PAHs sourced from a nearby onshore former Manufactured Gas Plant. Client: Confidential

Proposed dredged sediment disposal at a former landfill, Galbraith Landfill/Golf Course, San Leandro, California - At a former landfill (now used as a golf course), evaluated the potential for leaching of metals and organic compounds from dredged sediments and the prospects for water quality impacts to surface water and groundwater. Using an existing monitoring well network, defined baseline conditions prior to the placement of dredged spoils including the occurrence of contamination from upgradient locations. Presented recommendations to reduce the threat of water quality impacts by sequencing the dredging and disposal operations to cover and cap the first dredged and most contaminated sediments with cleaner dredged sediment. Client: Port of Oakland

Design of dewatering facility and monitoring plan for proposed upland dredge sediment disposal at Skaggs Island, Sonoma County, California - Was lead technical manager for upland dredge sediment disposal project. Developed monitoring plan for surface, groundwater, and biological monitoring. Managed field and laboratory programs for sampling and chemical and physical analysis of dredged sediments and surface waters. Client: U.S. Navy, c/o Santina & Thompson, Inc.

Water quality impact evaluation for the disposal of dredged sediments, Sacramento/San Joaquin Delta, California - Conducted geochemical evaluation of potential impacts to surface and groundwater quality following upland disposal of dredged harbor sediments contaminated with heavy metals (cadmium, copper, zinc) and polynuclear aromatic hydrocarbons. Developed monitoring plan for surface water, groundwater, and biological and soils monitoring for upland disposal sites. Evaluated proposed Waste Discharge Requirements (WDRs) for upland disposal sites in terms of monitoring cost and attainability of effluent standards. Assessed the geochemical sediment quality of dredge sediments and evaluated the suitability of upland and aquatic disposal options in EIR/EIS. Managed field and laboratory

programs including sampling of surface water, groundwater, soils, and dredge sediments for wide variety of contaminants. Client: Port of Oakland, Port Planning Division

Landfill Sites

Landfill, Novato, California - Developed statistically based groundwater and surface water monitoring program following California Article 5 regulations. Evaluated regulatory and geochemical suitability of contaminated dredge sediment disposal for daily cover, levee reinforcement, and liner uses at a Class III landfill located adjacent to the Petaluma River. Conducted hydrogeological SWAT investigation evaluating leachate generation and potential migration at landfill. Investigation included collection and analysis of groundwater chemistry data to identify types, sources, and degree of mixing of leachate and groundwater. Client: Redwood Landfill

Landfill, City of Alameda, California - Prepared report describing results of groundwater monitoring mandated by Waste Discharge Requirements for closed landfill. Client: City of Alameda

Hydrogeologic Investigation of RCRA landfill facility, Martinez, California - Was technical manager for large hydrogeologic site characterization of a RCRA waste disposal facility. Managed field and laboratory programs for groundwater sampling. Evaluated geologic and chemical data for determining the sources and transport of fluids within a heterogeneous aquifer system. Client: Confidential

Oily soil repository, Richmond, California - Developed groundwater protection standards and statistical evaluation methods for groundwater monitoring program at oily soil repositories to comply with RWQCB Waste Discharge Requirements and Article 5. Developed statistical approach for evaluation of low-level detection of organic compounds in background and downgradient monitoring system, including intra-well statistical comparisons.
Client: Confidential

Environmental Due Diligence

Managed environmental due diligence Phase I and/or Phase II activities for over 50 sites including:

- San Mateo, Belmont and San Carlos, Novato Brownfields sites to be redeveloped for residential or office construction.
- Proposed Charter School sites in Richmond, Pittsburg, and Antioch.
- Hospital Complex, San Francisco, California
- Former 100+ year-old Ink Manufacturing facility, Berkeley, California.
- Silica sand quarry, Amador County. Evaluated potential environmental issues.

- 7-site portfolio of former naval base, industrial sites and open space sites located in California slated for redevelopment.
- 3-sites in Los Angeles, California slated for multi-residential redevelopment, including evaluation of potential methane intrusion issues.
- Former agricultural lands slated for residential development, San Jose, California
- 4,000+ acres of agricultural lands and 12-mile long railroad spur for proposed new city, El Rancho San Benito, California.
- 90-year old former explosives manufacturing plant located in Hercules, California. Conducted extensive regulatory agency file review and evaluation of historical information.
- Former Navy Engineering Field Activity West facility in San Bruno, California. Evaluated potential soil and groundwater contamination from former vehicle maintenance fueling operations and organochlorine pesticide applications. Under the oversight of DTSC, implemented successful removal of organochlorine and lead contaminated soils prior to site redevelopment.
- 44-acre 50 year old, former defense contractor manufacturing plant located in San Diego, California contaminated with VOCs, hexavalent chromium and PCBs. Conducted extensive agency file review, site inspection, and provided recommendations for reducing the potential for human health impacts following building demolition and reuse.
- Evaluated the potential for soil and groundwater contamination at a former chemical formulation and mixing plant located in Sunnyvale, California. Provided consultation to developer interested in redeveloping the site with an office park. Developed sampling plan to evaluate uninvestigated sewer lines and chemical mixing building footprint.
- In support of a property transaction, prepared likely and worst case estimates of the possible costs involved to further investigate and remediate a wood treatment facility located in Eugene, Oregon that contaminated groundwater with pentachlorophenol.
- 1930s era 65-acre apartment complex located in Los Angeles, California. Sampled soils for the presence of lead paint and pesticides and evaluated the significance of lead-paint and chlorinated pesticide contamination in soil. Derived soil cleanup goals using DTSC's Lead Spread Risk Assessment modeling procedures.
- In support of property transfers, prepared Phase I/II Environmental Site Assessments (ESA) of high-tech business parks located Mountain View, San Jose and Santa Clara, California within an area of complex regional groundwater contamination. Evaluated possible on-site sources of contamination and impacts of chlorinated solvent plumes on the subject property. Obtained RWQCB no further action letters.
- Managed preparation of Phase I/II ESA's of former cannery, shipyard prefabrication, and trucking company operations at two brownfields sites in Richmond, California surrounded by numerous industrial sites. Evaluated on-site soil and groundwater contamination and impacts from adjacent properties.
- Phase I/II ESAs for numerous shopping center real estate transactions. Evaluated impacts to soil/groundwater from on-site dry cleaners and possible impacts from offsite

petroleum hydrocarbon releases. Provided opinion in support of addressing environmental aspects of the business transactions including environmental indemnity agreements, environmental insurance, and cost recovery or future needed asbestos abatement. Obtained no further action letters from RWQCB and San Diego County Environmental Health Department.

- In support of a proposed sale of four manufacturing facilities in California and Colorado, prepared Phase I ESAs. Evaluated the potential for on and offsite releases of hazardous constituents to have affected the subject properties. Managed asbestos surveys and sampling.
- Conducted soil gas, soil pesticide residue, and groundwater surveys at former agricultural lands in Union City and San Jose, California adjacent to lands proposed for commercial re-development. Included in the studies was an evaluation of risk to worker populations from exposure to identified soil pesticide residues during and after construction.
- Evaluated the presence of pesticide residues at a former agricultural land located in Santa Rosa, California slated for school development. Evaluated pesticide, lead, PCBs and arsenic soil residues at three existing schools in Millbrae, California. Under the oversight of DTSC, prepared a Preliminary Endangerment Assessment and/or Removal Action Plans following AB387/SB162 requirements.

Litigation, EIR Review and other Dispute Cases

Omega Chemical Superfund Site, Santa Fe Springs, California – provided litigation support for VOC and hexavalent chromium site in Santa Fe Springs.

South El Monte Operable Unit Superfund Site – Provided expert opinion regarding sources and timing of VOC contamination at a Site and surrounding properties in support of mediated disputes of current and former operators. Provided expert opinion regarding the appropriateness of EPA's methodology for assigning cost recovery shares.

Oil Field Brine Groundwater Contamination Case, Belridge, Kern County, California – Provided litigation support for evaluating claims that groundwater quality was damaged by decades-long practice of disposing of oil-field brine wastes in unlined surface impoundments.

Surface Drinking Water Contamination Case, Redding, California – In support of legal claims against utility and forest product companies, conducted an evaluation of historical petroleum hydrocarbon data, tested surface waters for atrazine residues and provided expert opinions regarding contamination of ranch water supply.

Stormwater Runoff Contamination Case, Concord, California – Tested surface water runoff for metals and hydrocarbon contamination and provided expert opinions regarding contamination of residential lands by stormwater runoff.

Massachusetts Hill Mine, Grass Valley, California – Provided litigation support pertaining to surface water discharge from mine tunnels.

Harvard Gold Mine Groundwater Contamination Case, Jamestown, California – Provided litigation support for evaluating RWQCB claims that underground historic gold mining operations had caused arsenic and dissolved solids contamination of groundwater and surface water.

Proposed Gun Club, Brentwood California – Provided technical comments on EIR prepared for proposed gun club. Evaluated potential for soil, surface water and groundwater contamination by lead and other contaminants.

Evaluation of Technical Merits of Environmental Insurance Claim, Springfield, Oregon – For counsel representing insurance company in a dispute with claimant, analyzed the appropriateness of past site investigation and remediation work completed at a truck repair facility contaminated with VOCs and petroleum hydrocarbons. Reviewed environmental reports and invoices to determine if costs incurred (and claimed against environmental insurance policy) were reasonable.

Monitored Natural Attenuation, Carson, California – At the site of a former oil refinery (redeveloped as a shopping center), evaluated hydrogeologic, geochemical and remediation data to assess if monitoring and natural attenuation proposal by opposing party could replace active remediation by soil vapor extraction.

Lead Contamination at Gun Club, Cotati, California - For attorney representing property owner in dispute over property damage due to 40-year use of lead shot and bullets, reviewed third-party technical reports and provided opinions regarding adequacy of site investigation results.

Former Pesticide Mixing/Storage Site, San Rafael, California - In support of clients' claims against multiple insurance companies, provided technical support and expert opinion in mediation of dispute over policy coverage for past, current, and future investigation and cleanup costs. Developed multiple scenarios of the scale, time, and cost of soil, sediment, and groundwater cleanup depending on regulatory involvement, human health, and ecological risk and future land use.

Underground storage tank site, Concord, California - For a potentially responsible party (PRP), provided expert opinion in a dispute over ownership of soil and groundwater contamination. Evaluated geochemical "fingerprint" of source area petroleum hydrocarbons and presented arguments in support of client's position.

Chemical Manufacturing Site, Richmond, California - In support of a legal claim against a non-responsive PRP, conducted an onsite records review (under subpoena) documenting the storage, use, and disposal of solvents at a suspected source area. Reviewed invoices, product formulations, waste manifests, and permits for evidence of solvent usage at the site.

Underground storage tank site, San Jose, California - For attorney representing insurance companies in dispute with property owner over policy coverage, reviewed technical reports and provided opinion regarding sources, timing, and extent of soil and groundwater petroleum hydrocarbon contamination. Discriminated sources of petroleum hydrocarbons using geochemical "fingerprinting" techniques.

Other Projects

Arsenic in Groundwater Supply Wells and Water Supply Assessment, Sebastopol, California – Evaluated hydrogeological and geochemical constraints on the occurrence and mobility of arsenic in drinking water supply wells. Defined depth-discrete arsenic and flow rate conditions and designed revised well pump settings to avoid high arsenic zones and avoid expensive treatment. Prepared preliminary estimates for installation of arsenic treatment systems to meet the MCL. Prepared AB610 Water Supply Assessment for proposed development area. Client: City of Sebastopol

Groundwater Monitoring and Mitigation Program, San Jose, California - Managed the preparation of a plan to monitor and manage the potential impacts to groundwater quality from the application of recycled water on golf courses, public parks, and business parks. Concerns about the use of salt- and nitrate-rich treated wastewater for irrigation and possible leaching led regulators to require extensive groundwater monitoring to protect drinking water aquifers. Evaluated site-specific hydrogeology to establish the potential for recycled water use to lead to groundwater water-quality problems. Prepared statistically-based sampling and analysis programs. Developed feasible mitigation alternatives to limit groundwater impacts. Client: South Bay Water Recycling Project, San Jose

Drinking Water Supply Evaluation, Graton and Santa Rosa, California – Prepared engineering evaluation of water supply systems with elevated concentrations of iron and manganese or lead, above the MCL. Evaluated the characteristics of the water supply system, determined the necessary system improvements and costs and assisted with acquisition of State Office of Public School Construction critical hardship funding. Provided construction oversight of iron and manganese or lead removal systems. Client: Oak Grove Union School District

Investigation of arsenic in drinking water, rural elementary school, Santa Rosa, California - In response to the sudden occurrence of elevated levels of arsenic (above the MCL) in a drinking water well, evaluated geologic and geochemical data (pH, iron chemistry, and redox conditions) and developed a conceptual model for the arsenic occurrence. Evaluated six alternatives (e.g., water treatment, blending, and utility hook-up) for complying with the MCL. Designed and sited new well that has provided adequate supply at an arsenic concentration below the MCL. Prepared study of school district's compliance with the Safe Drinking Water Act requirements for testing and record keeping and provided training to District staff. Client: Piner-Olivet Union School District

Research and Prior Geologic Consulting Experience

UCLA Research Project, Rocky Mountain Arsenal Superfund Site, Denver, Colorado - Investigated the spatial variability of chlorinated organic solvent sorption. Was responsible for the design and implementation of field and laboratory experimental programs. Managed laboratory research team.

Environmental science and engineering program, University of California, Los Angeles, California - Served as a member of a research team investigating the transport properties of non-conventional (non-regulated) pollutants. Performed and interpreted laboratory experiments determining sorption characteristics of para-chlorobenzene sulfonic acid.

Earth and space sciences instruction, University of California, Los Angeles, California - Taught laboratory courses in oceanography, metamorphic petrology, and mineralogy. Conducted research in the fields of metamorphic petrology, ore deposits, and mineralogy.

USGS Research project, Crater Lake, Oregon - Assisted in research investigating the geological and geochemical evolution of Crater Lake.

Triumph Mine, Triumph, Idaho - Conducted a detailed site characterization of the geology of a lead/zinc/silver mine.

Gold mine reconnaissance, northeastern Nevada - Performed geochemical and geologic reconnaissance to locate potential new gold mines and prospects.

MEMBERSHIPS

Association of Groundwater Scientists and Engineers; American Chemical Society; Groundwater Resources Assoc. of California

PUBLICATIONS

- *Development and Application of a Method for Storm Drain Cleanout and Monitoring, Hunters Point Naval Shipyard, San Francisco*. Abstract, 3rd Biennial State of the Estuary Conference, October 10-12, 1996. (with D. Leland and M. Malone);
- *A Field Experiment on Organic Contamination Elution from a Layered Aquifer*. Abstract, EOS Transactions, November 1, Vol. 69, No. 44 (with D. Mackay and others); and
- *Mesozoic Contact Metamorphism in the Western United States*. In *Metamorphism and Crustal Evolution of the Western United States,* W.G. Ernst, ed., Prentice Hall, Englewood Cliffs, New Jersey, Vol. VII (with M.D. Barton and others).

TRAINING

- International Symposium on Processes Governing the Movement and Fate of Contaminants in the Subsurface Environment. International Association on Water Pollution Research and Control/Western Region Hazardous Substance Research Center, Stanford University, 1989
- Biological Transformations of Chlorinated Solvents in Subsurface Systems, Natural Processes and In Situ Remediation. University of California Extension and Western Region Hazardous Substance Research Center, Stanford University, 1990
- Behavior of Dissolved Organic Contaminants in Groundwater. University of Waterloo, Canada and Waterloo Centre for Groundwater Research, 1991
- Applied Environmental Statistics. Groundwater Resources Association of California, 1994
- Geological and Geostatistical Uncertainty in Site Characterization and Remediation Planning. Short Course presented by Lynx Geosystems, Inc., 1995
- The Second International Conference on Remediation of Chlorinated and Recalcitrant Compounds, 2000

DISTRIBUTION

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SEPTEMBER 15, 2021

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